

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025145.D
 Acq On : 15 Jul 2025 14:30
 Operator : CG/JU
 Sample : Q2565-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0191

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025145.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	287	293	300	rBV	468537	609383	2.22%	0.123%
2	5.102	362	368	378	rBV	4873866	6599051	24.08%	1.333%
3	6.637	622	629	640	rVB	4568299	7115355	25.96%	1.438%
4	7.437	756	765	774	rBV	2068585	3133662	11.43%	0.633%
5	7.531	774	781	798	rBV	300509	1171160	4.27%	0.237%
6	8.566	947	957	965	rBV	2909866	4756604	17.36%	0.961%
7	10.184	1225	1232	1241	rBV	2466142	3967679	14.48%	0.802%
8	11.678	1479	1486	1494	rBV2	288928	608580	2.22%	0.123%
9	12.690	1650	1658	1666	rBV	6248521	10817813	39.47%	2.186%
10	12.837	1678	1683	1692	rVB2	597712	887065	3.24%	0.179%
11	13.348	1765	1770	1784	rBV3	319086	737668	2.69%	0.149%
12	13.860	1851	1857	1864	rBV	2757799	4711902	17.19%	0.952%
13	13.925	1864	1868	1872	rVB	1763756	2093115	7.64%	0.423%
14	14.090	1890	1896	1905	rVV	3297467	5908478	21.56%	1.194%
15	14.225	1914	1919	1923	rVB	849514	1167280	4.26%	0.236%
16	14.307	1929	1933	1938	rVB2	540451	888315	3.24%	0.179%
17	14.384	1938	1946	1952	rBV	2477981	4567008	16.66%	0.923%
18	14.495	1960	1965	1970	rBV2	983124	1567092	5.72%	0.317%
19	14.560	1970	1976	1978	rBV2	733225	1117875	4.08%	0.226%
20	14.613	1983	1985	1992	rVB2	624731	847575	3.09%	0.171%
21	14.948	2038	2042	2047	rVB	1173974	1484232	5.42%	0.300%
22	15.501	2131	2136	2139	rBV	375239	590306	2.15%	0.119%
23	15.619	2148	2156	2163	rBV	5439128	8582592	31.32%	1.734%
24	15.925	2203	2208	2214	rVV	3282929	5084169	18.55%	1.027%
25	16.178	2245	2251	2255	rBV	1790216	2695335	9.83%	0.545%
26	16.254	2260	2264	2266	rBV	771230	1147615	4.19%	0.232%
27	16.290	2266	2270	2275	rVV	7831941	10699411	39.04%	2.162%
28	16.325	2275	2276	2280	rVV2	890981	742678	2.71%	0.150%
29	16.378	2280	2285	2289	rVV2	1748157	3471127	12.67%	0.701%
30	16.442	2293	2296	2298	rVV2	539166	585750	2.14%	0.118%
31	16.472	2298	2301	2306	rVV2	578076	966067	3.52%	0.195%
32	16.519	2307	2309	2313	rVB	696759	796617	2.91%	0.161%
33	16.584	2315	2320	2323	rBV3	926615	1370619	5.00%	0.277%
34	16.678	2332	2336	2341	rVB	1524998	2092666	7.64%	0.423%
35	16.772	2348	2352	2356	rBV2	768884	1006295	3.67%	0.203%
36	16.901	2368	2374	2380	rVB2	4348677	7063362	25.77%	1.427%

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Min Area: 3 % of largest Peak

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.272	2433	2437	2444	rVB2	782434	1103462	4.03%	0.223%
38	17.595	2488	2492	2496	rBV	5537922	7158955	26.12%	1.446%
39	17.642	2496	2500	2506	rVB2	2245551	3198954	11.67%	0.646%
40	17.772	2517	2522	2526	rBV3	931815	1529275	5.58%	0.309%
41	17.825	2527	2531	2536	rBV	2078320	2881735	10.51%	0.582%
42	17.907	2536	2545	2552	rBV2	13145723	25902070	94.51%	5.233%
43	18.007	2559	2562	2570	rVB2	915752	1692264	6.17%	0.342%
44	18.078	2570	2574	2575	rBV2	649929	797879	2.91%	0.161%
45	18.136	2580	2584	2587	rVV4	675356	1445674	5.27%	0.292%
46	18.184	2588	2592	2594	rVV2	1295160	2108604	7.69%	0.426%
47	18.213	2595	2597	2606	rVB2	1596390	3438405	12.55%	0.695%
48	18.319	2611	2615	2623	rVB	659816	1363182	4.97%	0.275%
49	18.483	2639	2643	2647	rVB	952080	1195159	4.36%	0.241%
50	18.672	2671	2675	2683	rVB	698606	1073294	3.92%	0.217%
51	18.772	2688	2692	2694	rVV2	893076	1262652	4.61%	0.255%
52	18.801	2694	2697	2705	rVB	1705629	2335696	8.52%	0.472%
53	18.883	2706	2711	2714	rBV	520602	756342	2.76%	0.153%
54	19.048	2734	2739	2743	rBV	5784131	8605848	31.40%	1.739%
55	19.089	2743	2746	2749	rVV	1764973	2702229	9.86%	0.546%
56	19.119	2749	2751	2753	rVV2	1155842	1435919	5.24%	0.290%
57	19.142	2753	2755	2762	rVB	1243105	1574978	5.75%	0.318%
58	19.248	2768	2773	2778	rBV	7327938	10304423	37.60%	2.082%
59	19.301	2778	2782	2789	rVV	14717152	21214404	77.41%	4.286%
60	19.383	2793	2796	2801	rVB2	1800346	2633800	9.61%	0.532%
61	19.442	2801	2806	2811	rBV3	1132784	2593658	9.46%	0.524%
62	19.495	2811	2815	2817	rBV2	1206000	1721267	6.28%	0.348%
63	19.525	2817	2820	2822	rBV2	935223	1004900	3.67%	0.203%
64	19.625	2830	2837	2840	rBV	7111003	10355556	37.78%	2.092%
65	19.672	2840	2845	2849	rVV	14026422	18385413	67.08%	3.715%
66	19.707	2849	2851	2861	rVB3	962468	1655150	6.04%	0.334%
67	19.795	2862	2866	2872	rVB	585960	899265	3.28%	0.182%
68	19.860	2873	2877	2882	rBV	840661	1139614	4.16%	0.230%
69	20.030	2903	2906	2908	rBV	785624	861888	3.14%	0.174%
70	20.060	2908	2911	2915	rVB	2895591	3195954	11.66%	0.646%
71	20.260	2940	2945	2954	rBV	6449105	10060507	36.71%	2.033%
72	20.407	2964	2970	2971	rBV4	1116717	1676178	6.12%	0.339%
73	20.436	2971	2975	2978	rVV	3955818	5414955	19.76%	1.094%
74	20.478	2978	2982	2991	rVV	19439877	27100761	98.88%	5.476%
75	20.548	2992	2994	2996	rVV2	1510413	1885910	6.88%	0.381%
76	20.583	2996	3000	3003	rVV2	4401202	6484091	23.66%	1.310%

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Stop Thrs : 0

Peak Location: TOP

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77	20.642	3007	3010	3015	rVV2	1912340	3772483	13.76%	0.762%
78	20.689	3015	3018	3021	rVV	2008718	2661004	9.71%	0.538%
79	20.725	3022	3024	3029	rVV	1070379	1717788	6.27%	0.347%
80	20.783	3031	3034	3038	rVB	1019228	1466538	5.35%	0.296%
81	20.901	3051	3054	3059	rVB3	741424	1100548	4.02%	0.222%
82	21.095	3081	3087	3091	rBV	3804802	5906094	21.55%	1.193%
83	21.360	3120	3132	3136	rBV3	6756486	16400100	59.84%	3.314%
84	21.554	3163	3165	3167	rBV	1189459	1212609	4.42%	0.245%
85	21.595	3167	3172	3176	rBV	12370601	17341582	63.27%	3.504%
86	21.630	3176	3178	3180	rBV	1546533	1604112	5.85%	0.324%
87	22.266	3281	3286	3292	rVB	4043935	6769444	24.70%	1.368%
88	22.677	3350	3356	3361	rBV	4112298	7880270	28.75%	1.592%
89	22.966	3396	3405	3411	rBV	13619387	27406974	100.00%	5.537%
90	23.024	3411	3415	3422	rVB	2446311	4578804	16.71%	0.925%
91	23.160	3432	3438	3441	rBV2	1522485	3306469	12.06%	0.668%
92	23.789	3540	3545	3554	rVB	2109345	4687174	17.10%	0.947%
93	24.424	3646	3653	3657	rBV	2869139	7129896	26.01%	1.441%
94	24.471	3658	3661	3678	rVB	4018504	9552689	34.85%	1.930%
95	24.824	3715	3721	3732	rVB	7046272	19312277	70.46%	3.902%
96	24.913	3732	3736	3746	rVB	1853202	4651042	16.97%	0.940%
97	26.895	4067	4073	4085	rVB	2626509	7731413	28.21%	1.562%
98	27.471	4159	4171	4184	rBV2	6175176	22402476	81.74%	4.526%
99	30.824	4736	4741	4742	rBV	1174295	1807485	6.59%	0.365%
100	31.295	4819	4821	4822	rBV	885996	741244	2.70%	0.150%

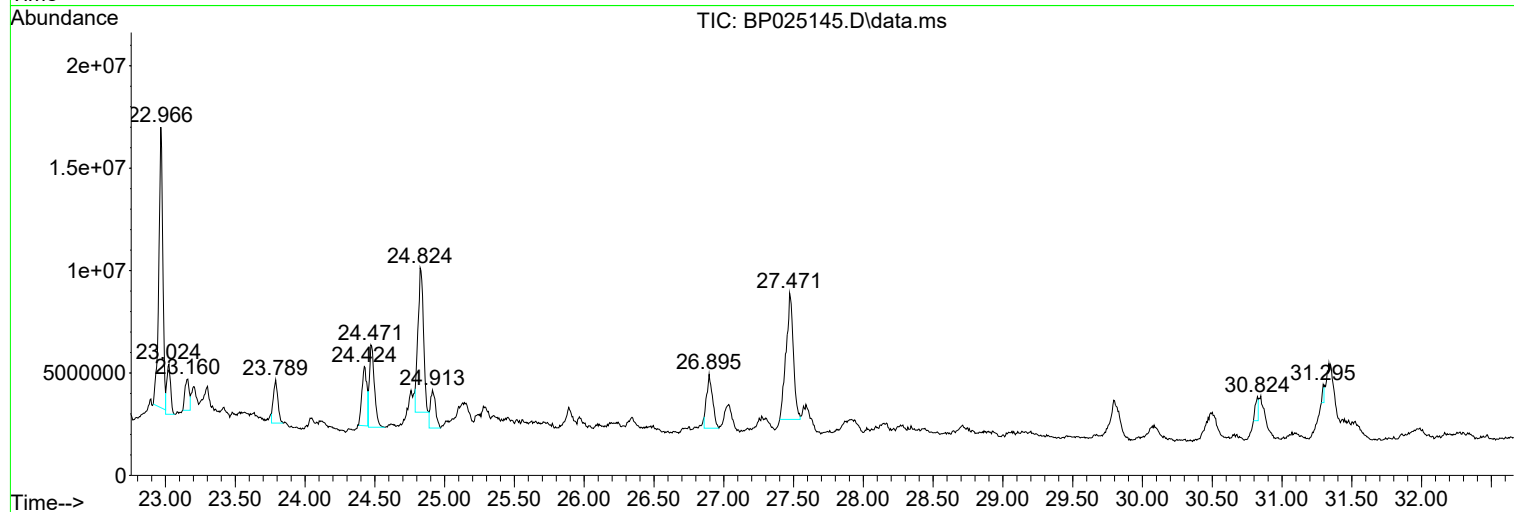
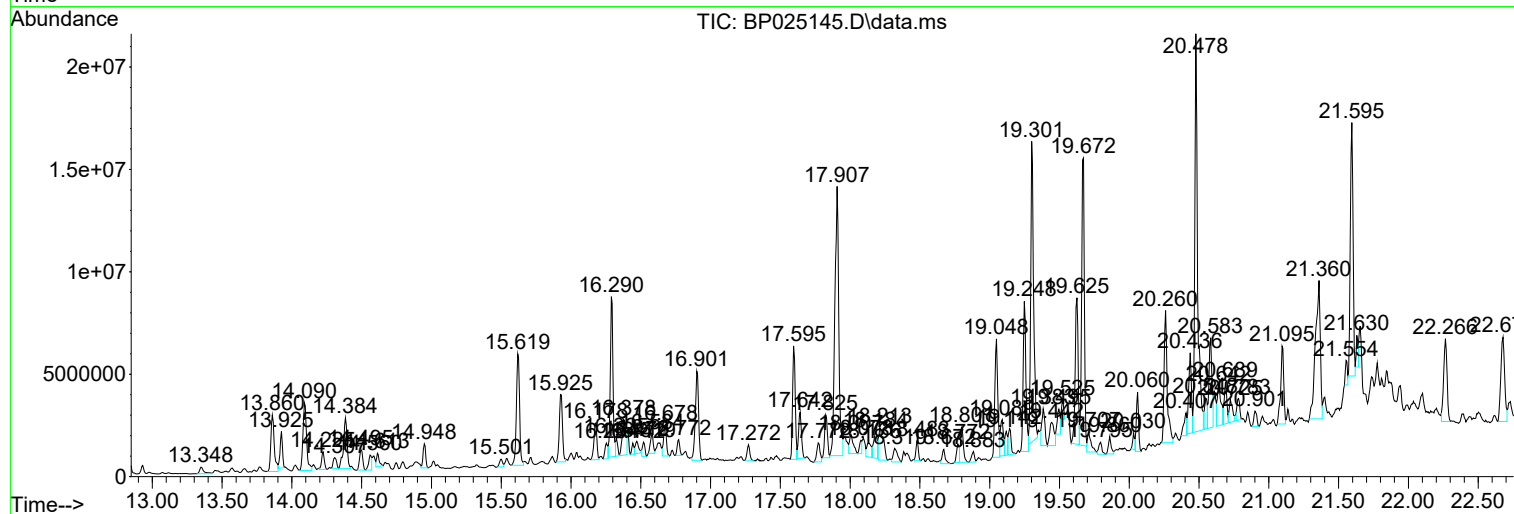
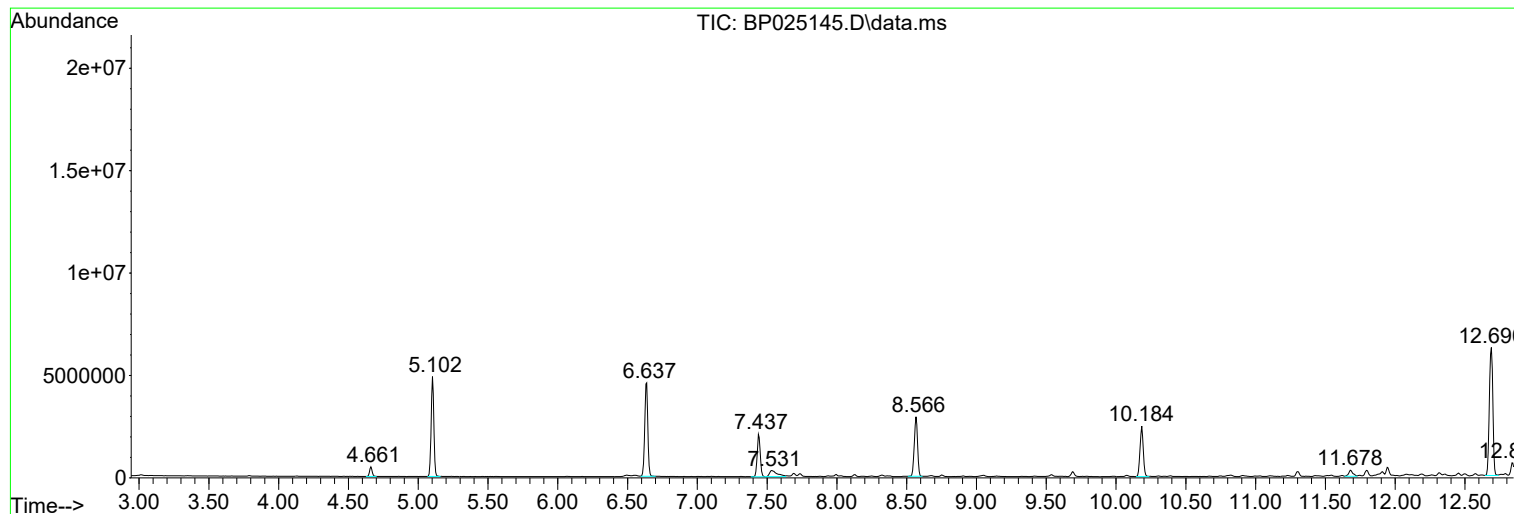
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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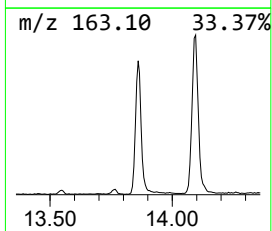
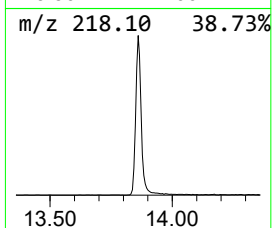
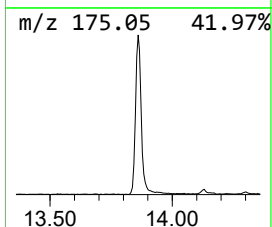
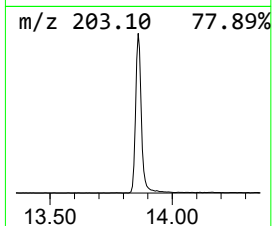
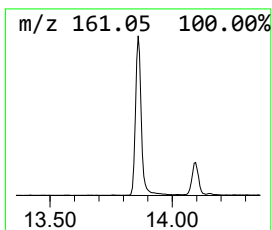
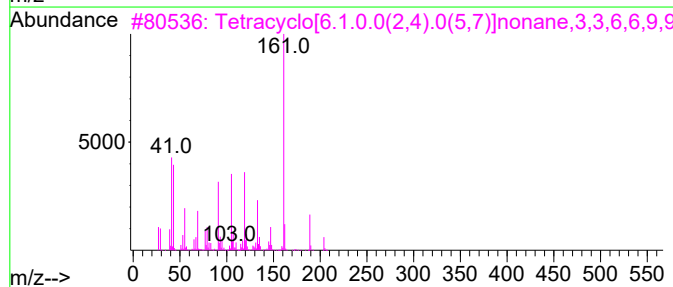
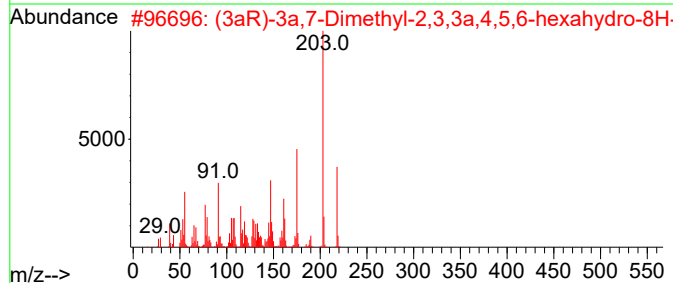
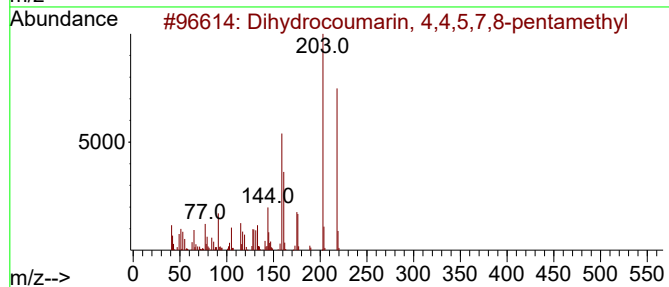
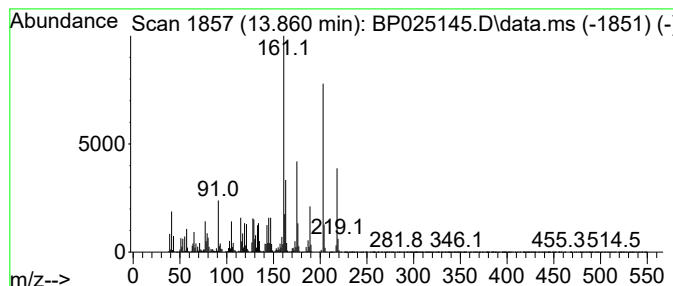
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dihydrocoumarin, 4,4,5,7,8-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.860	15.95 ng	4711900	Acenaphthene-d10	14.090	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydrocoumarin, 4,4,5,7,8-penta...	218	C14H18O2	039170-97-3	55
2	(3aR)-3a,7-Dimethyl-2,3,3a,4,5,6...	218	C14H18O2	1000482-61-7	49
3	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	204	C15H24	051898-92-1	42
4	Epizonarene	204	C15H24	041702-63-0	42
5	.beta.-GURJUNENE	204	C15H24	1000425-17-9	42



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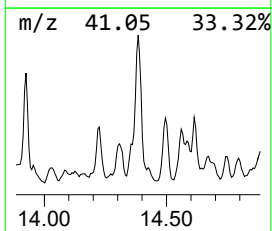
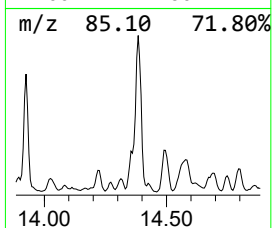
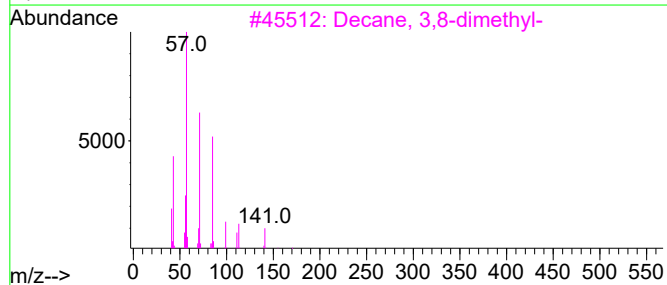
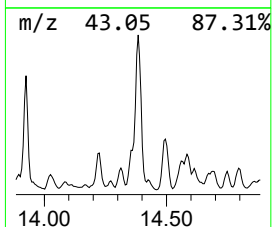
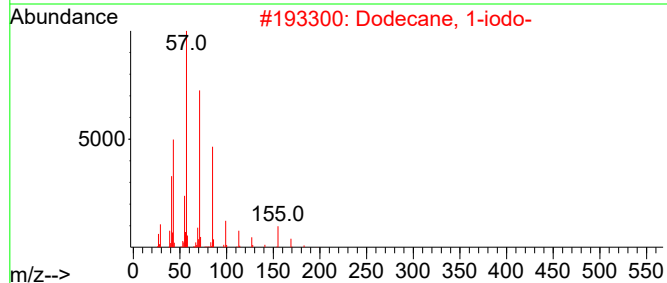
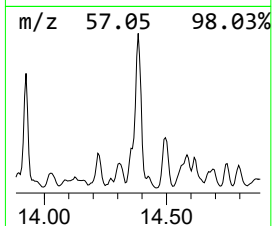
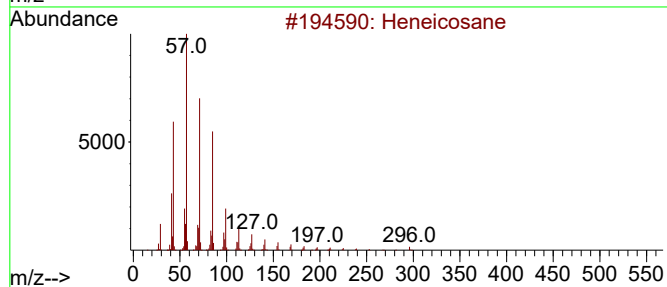
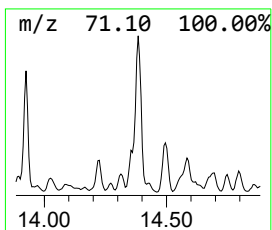
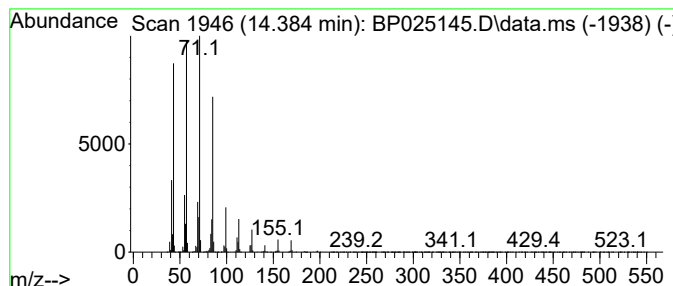
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.384	15.46 ng	4567010	Acenaphthene-d10	14.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	78
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	59



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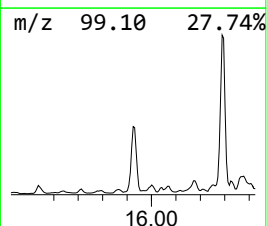
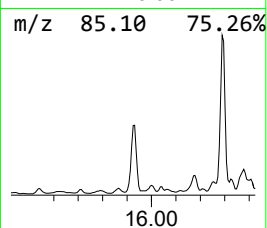
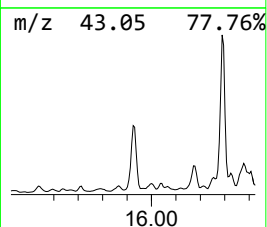
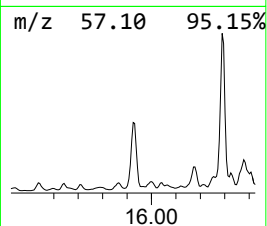
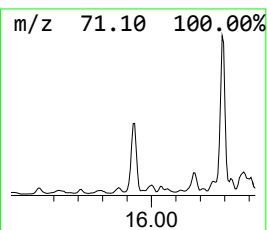
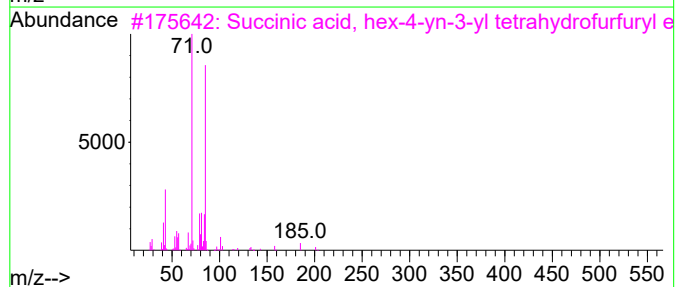
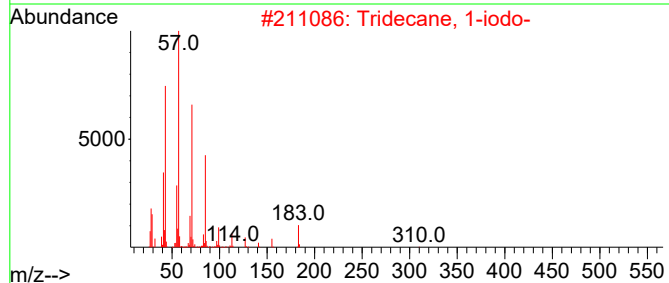
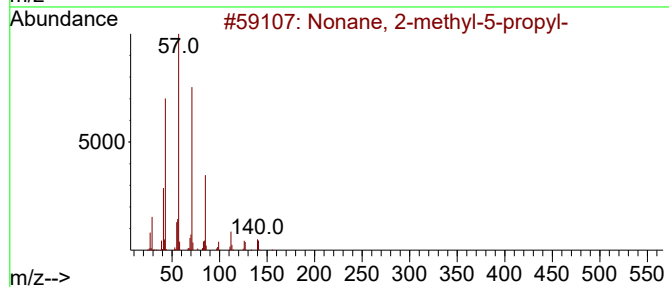
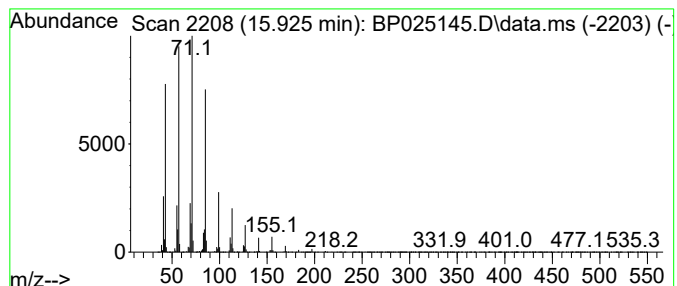
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 2-methyl-5-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.925	14.40 ng	5084170	Phenanthrene-d10	16.901	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
3	Succinic acid, hex-4-yn-3-yl tet...	282	C15H22O5	1000390-71-7	53
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
5	Succinic acid, 2,4,6-trichloroph...	380	C15H15Cl3O5	1000390-72-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0191

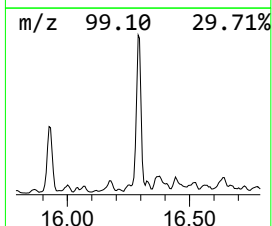
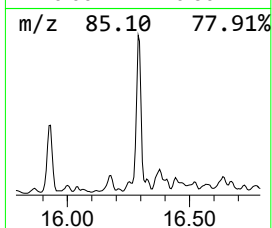
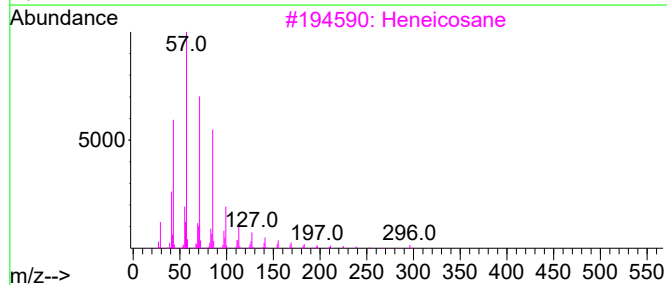
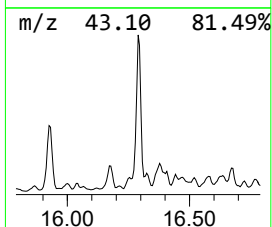
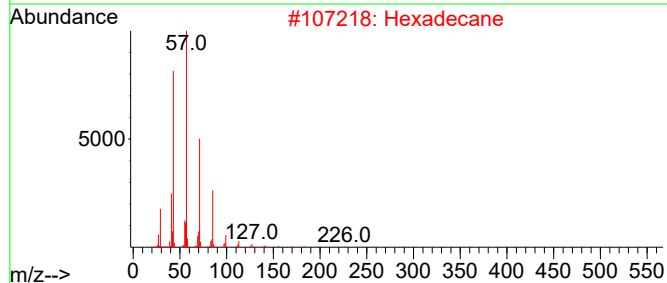
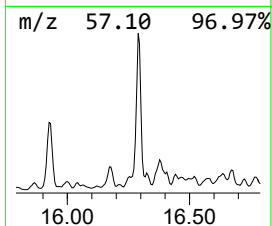
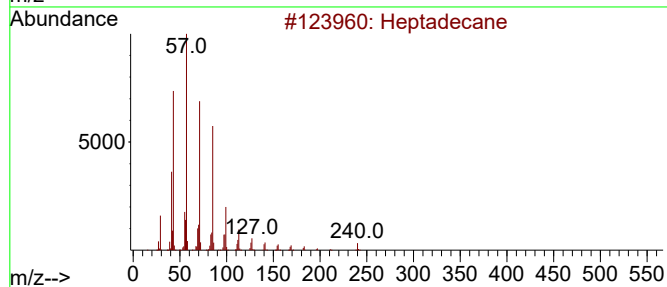
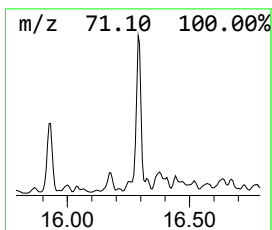
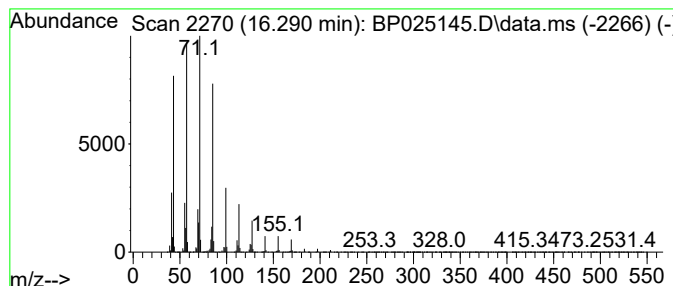
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.290	30.30 ng	10699400	Phenanthrene-d10	16.901

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Hexadecane	226	C16H34	000544-76-3	83
3			Heneicosane	296	C21H44	000629-94-7	72
4			2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-25-0191

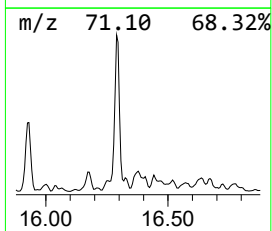
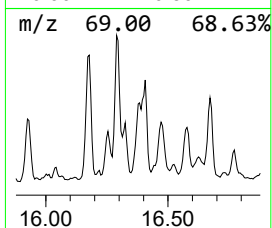
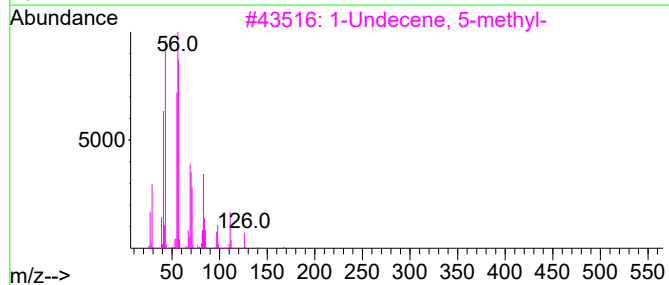
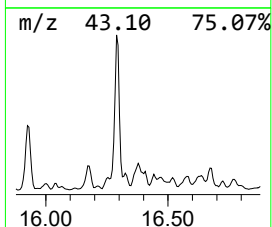
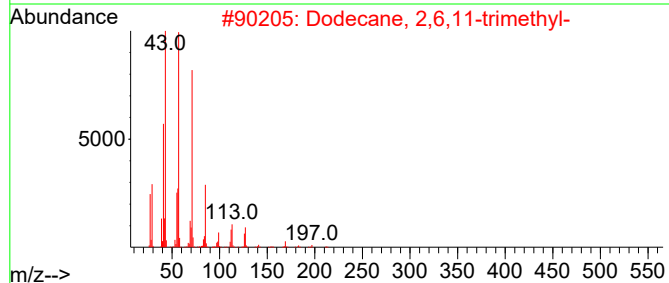
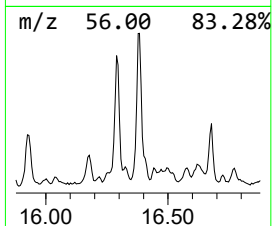
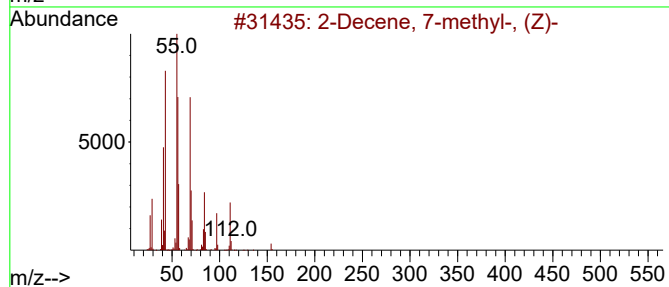
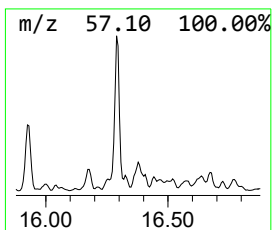
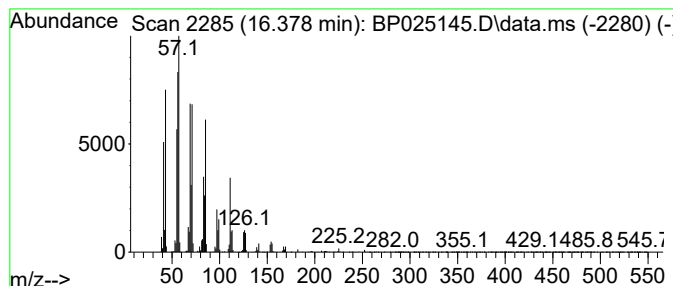
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown16.378 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.378	9.83 ng	3471130	Phenanthrene-d10	16.901

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 7-methyl-, (Z)-			154	C11H22	074630-23-2	49
2	Dodecane, 2,6,11-trimethyl-			212	C15H32	031295-56-4	46
3	1-Undecene, 5-methyl-			168	C12H24	074630-38-9	46
4	1-Undecene			154	C11H22	000821-95-4	46
5	Carbonic acid, di(decyl) ester			342	C21H42O3	1000383-15-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
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Operator : CG/JU
Sample : Q2565-03
Misc :
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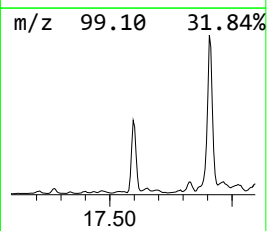
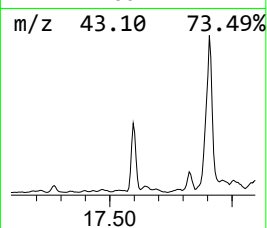
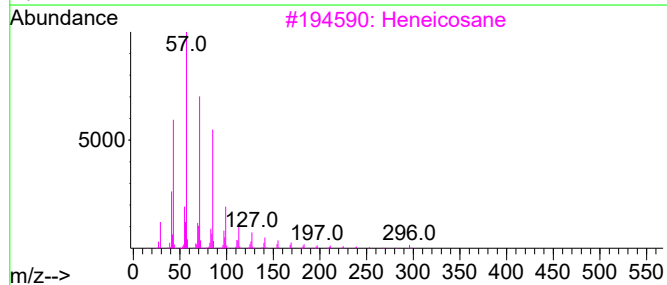
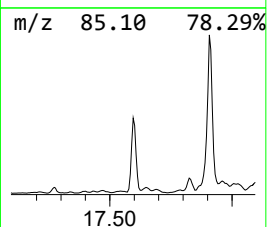
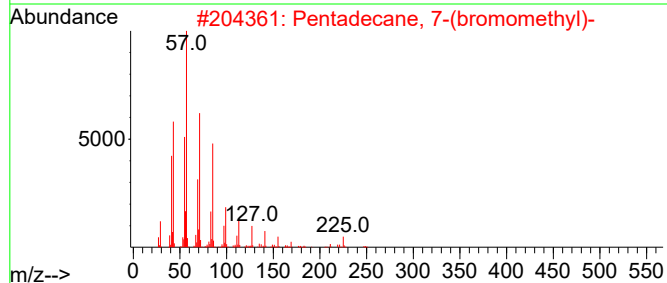
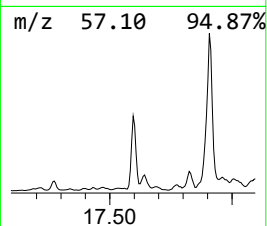
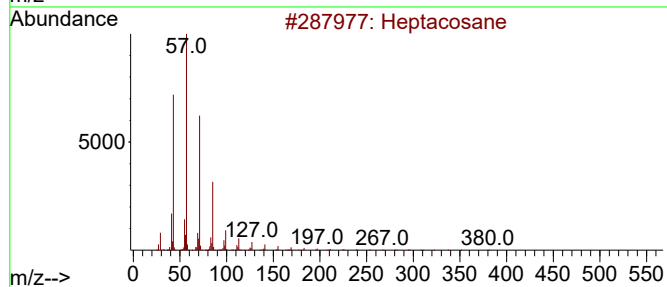
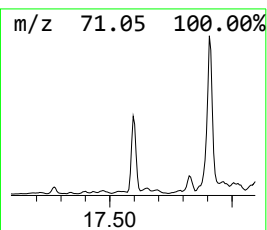
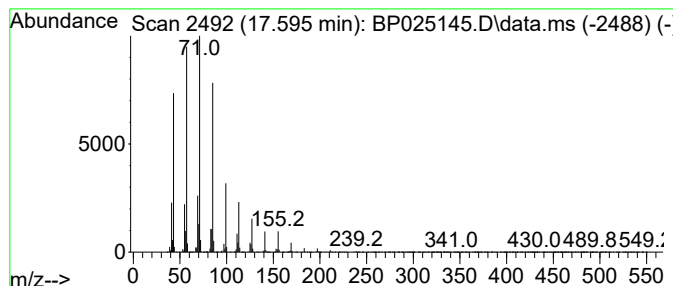
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.595	20.27 ng	7158960	Phenanthrene-d10		16.901	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	90
2	Pentadecane, 7-(bromomethyl)-		304	C16H33Br	052997-43-0	78
3	Heneicosane		296	C21H44	000629-94-7	72
4	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	52
5	Sulfurous acid, hexyl pentyl ester		236	C11H24O3S	1000309-14-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
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Sample : Q2565-03
Misc :
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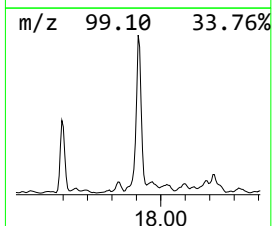
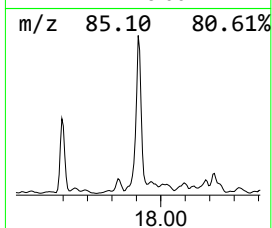
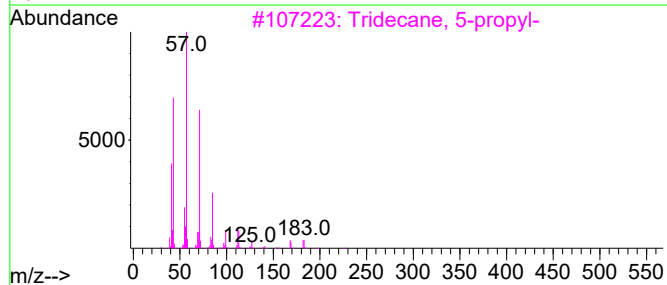
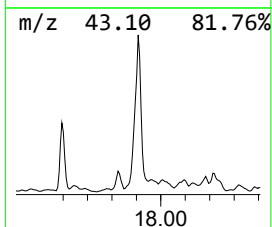
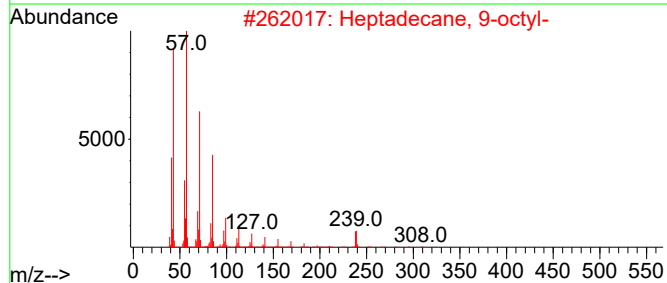
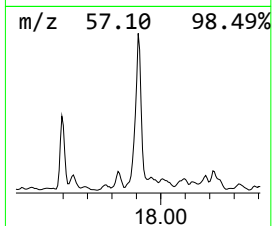
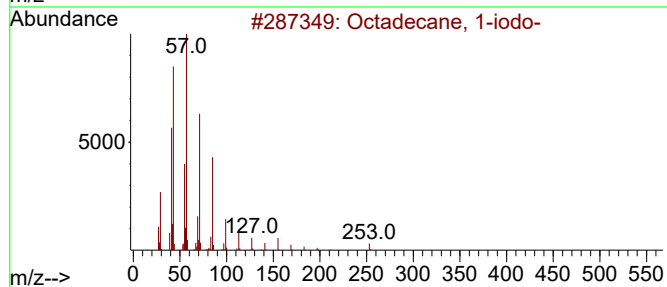
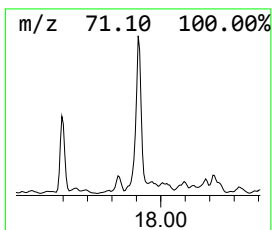
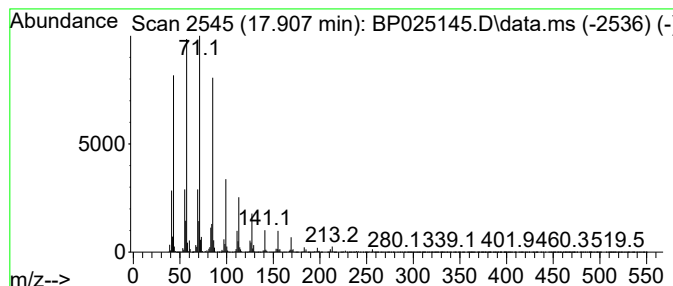
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.907	73.34 ng	25902100	Phenanthrene-d10		16.901	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	72
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	72
3	Tridecane, 5-propyl-		226	C16H34	055045-11-9	59
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	55
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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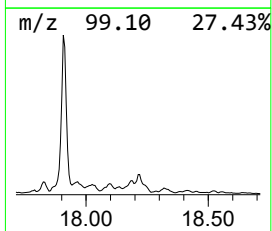
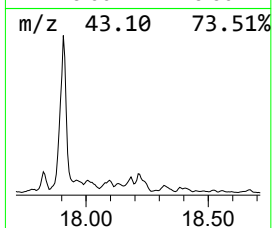
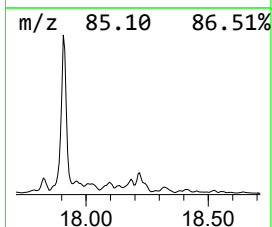
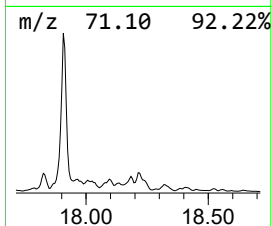
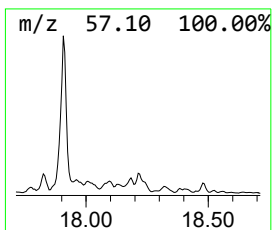
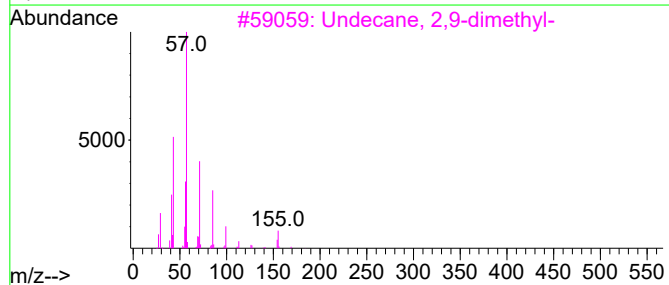
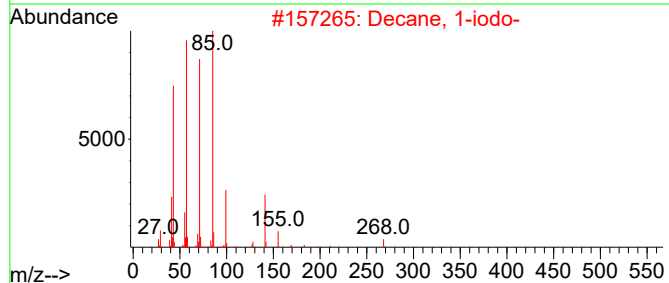
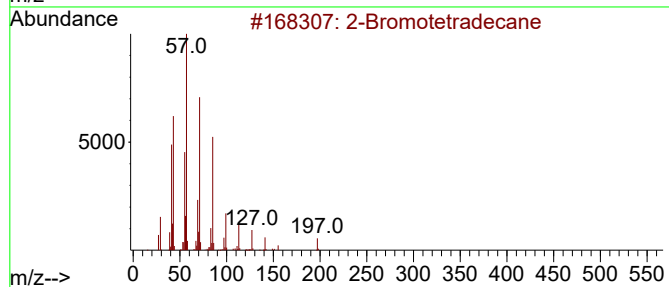
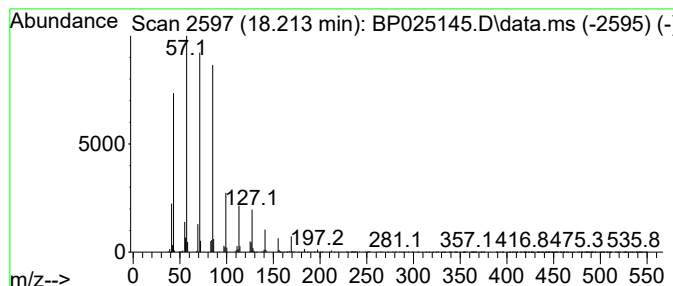
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-Bromotetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.213	9.74 ng	3438410	Phenanthrene-d10	16.901

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromotetradecane	276	C14H29Br	074036-95-6	72
2		Decane, 1-iodo-	268	C10H21I	002050-77-3	64
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5		Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
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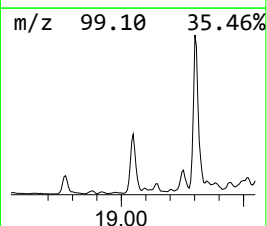
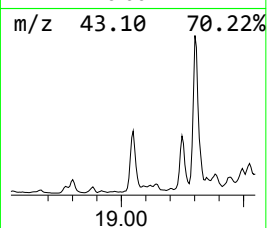
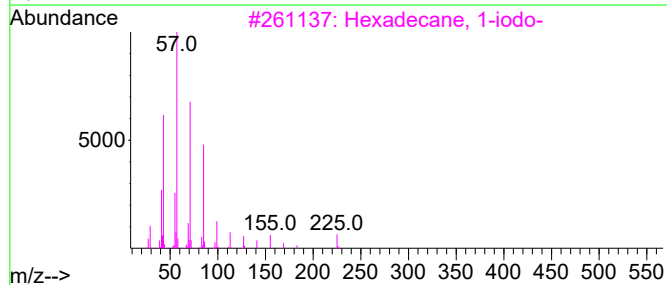
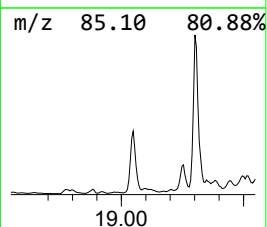
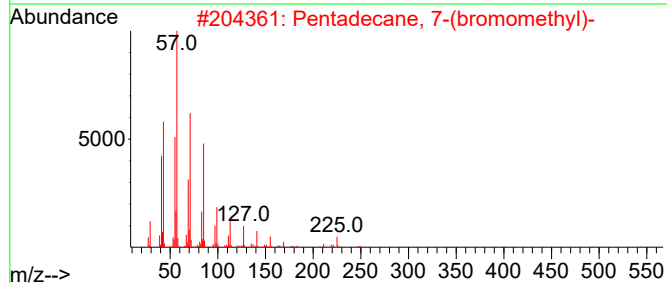
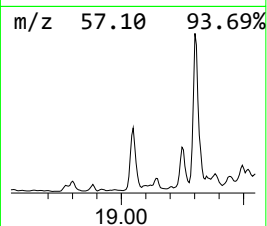
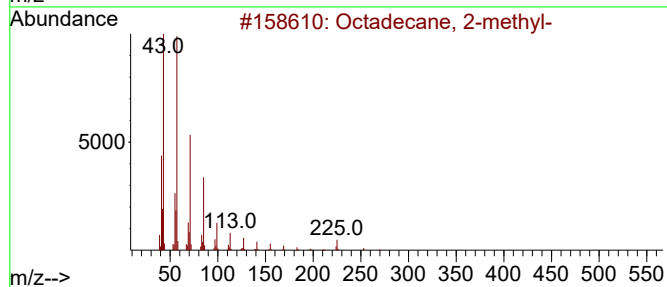
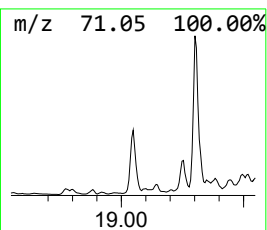
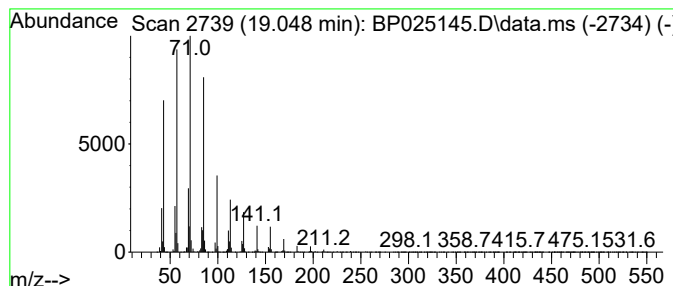
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.048	24.37 ng	8605850	Phenanthrene-d10			16.901
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-		268	C19H40	001560-88-9	87
2	Pentadecane, 7-(bromomethyl)-		304	C16H33Br	052997-43-0	78
3	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	59
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	59
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

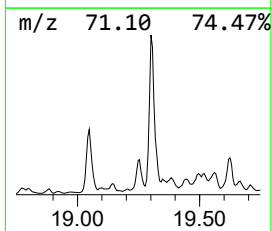
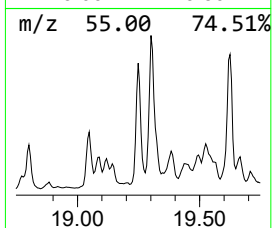
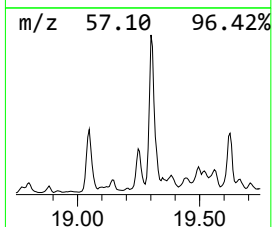
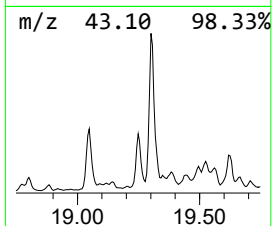
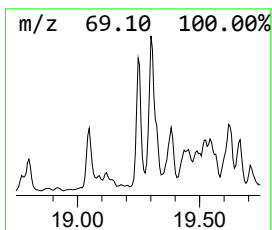
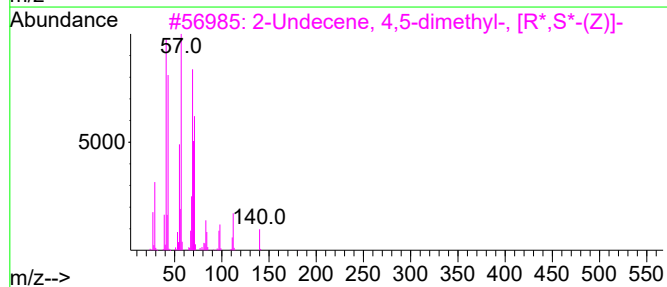
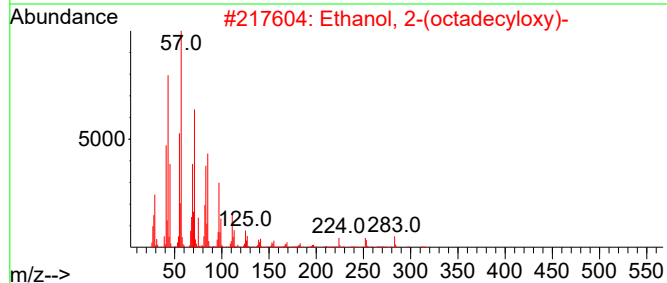
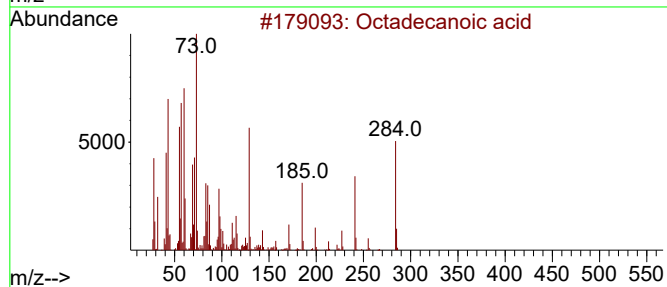
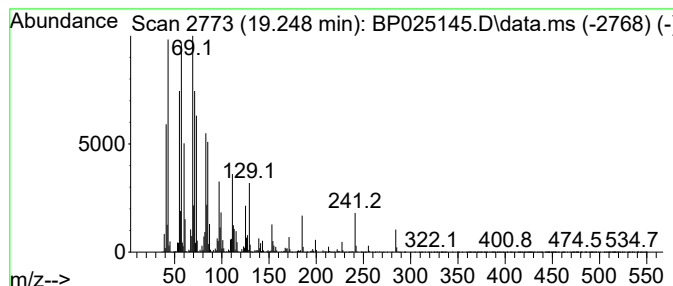
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ClientSampleId :
MOO-25-0191

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.248	12.57 ng	10304400	Chrysene-d12	21.342
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanoic acid	284 C18H36O2	000057-11-4 68
2		Ethanol, 2-(octadecyloxy)-	314 C20H42O2	002136-72-3 46
3		2-Undecene, 4,5-dimethyl-, [R*,S...]	182 C13H26	055170-93-9 43
4		2-Bromo dodecane	248 C12H25Br	013187-99-0 42
5		Tetradecane, 4-ethyl-	226 C16H34	055045-14-2 42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

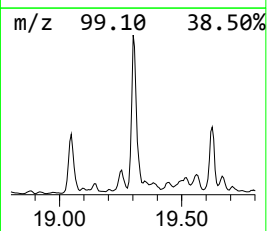
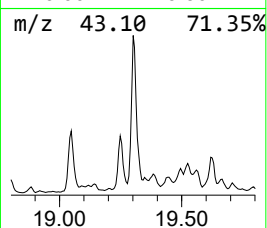
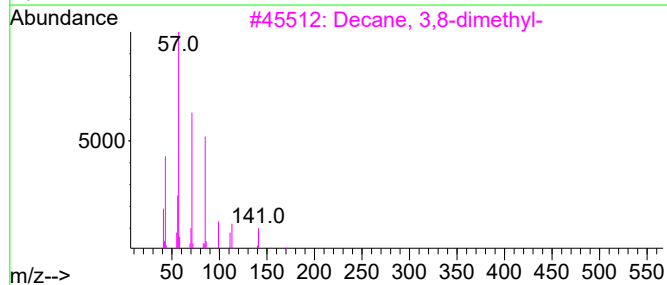
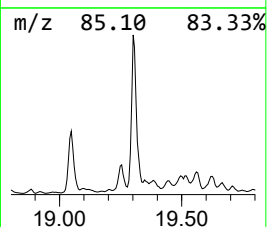
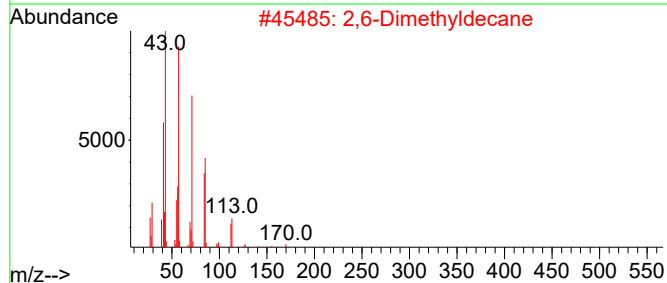
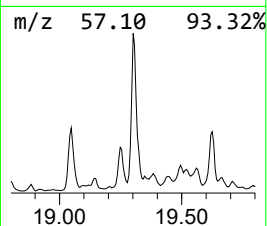
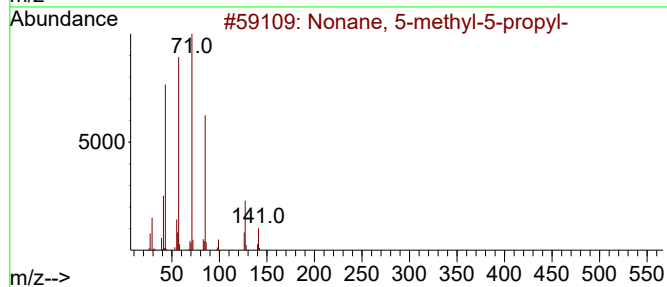
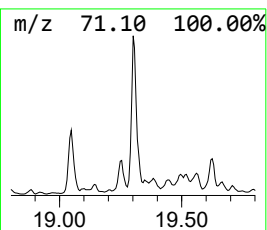
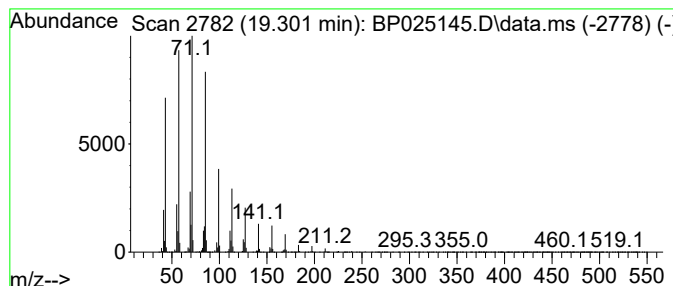
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Nonane, 5-methyl-5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.301	25.87 ng	21214400	Chrysene-d12		21.342	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-5-propyl-		184	C13H28	017312-75-3	53
2	2,6-Dimethyldecane		170	C12H26	013150-81-7	52
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	52
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	50
5	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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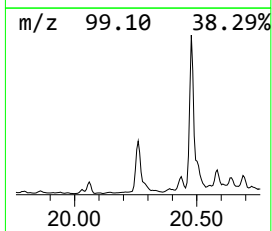
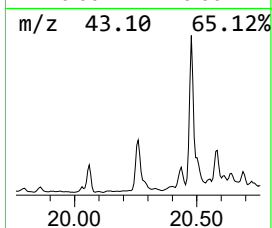
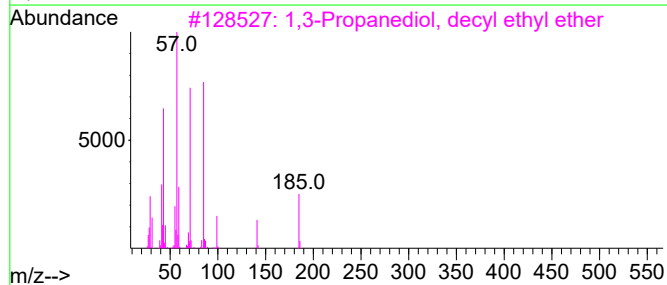
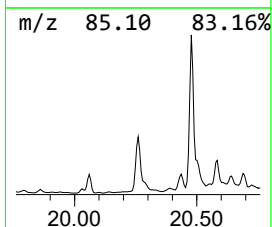
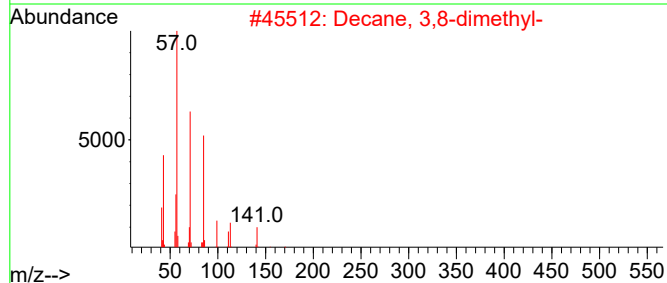
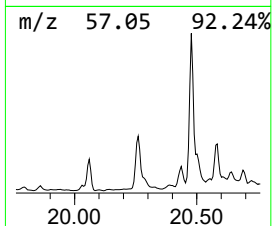
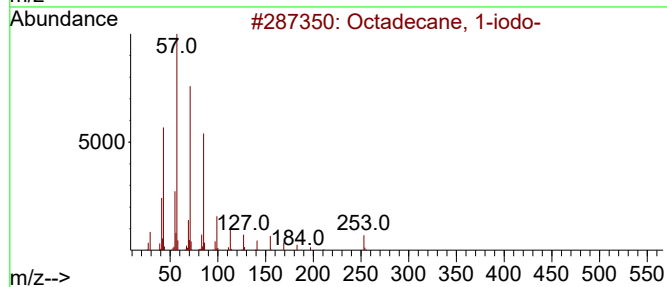
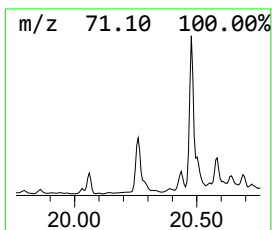
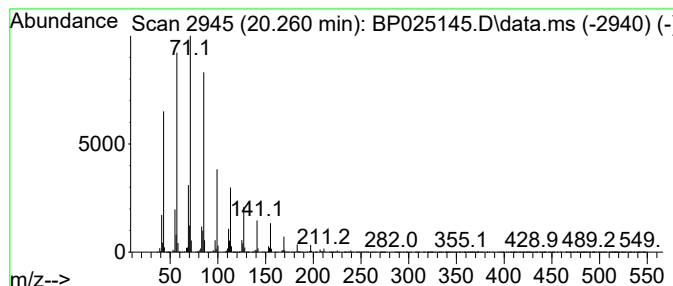
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Decane, 3,8-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.260	12.27 ng	10060500	Chrysene-d12	21.342

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
3			1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	50
4			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	46
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
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Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

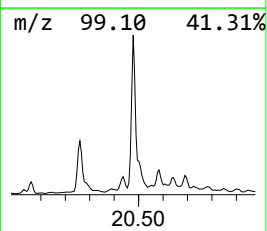
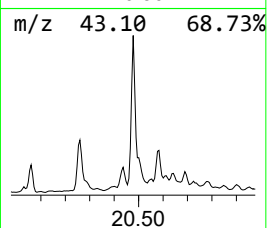
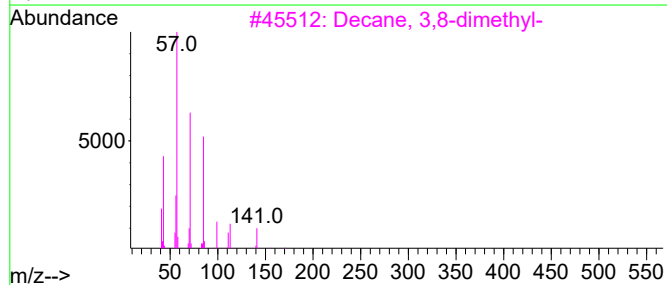
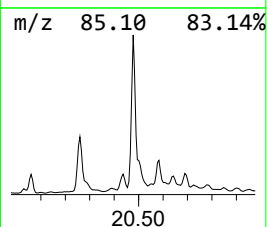
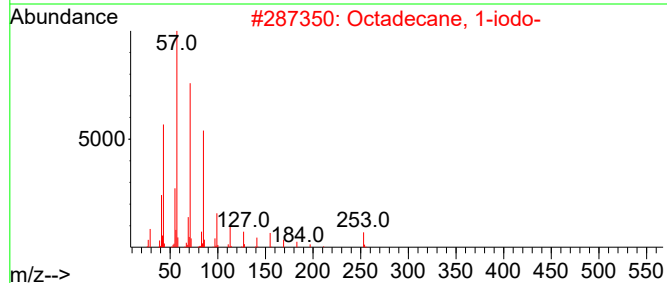
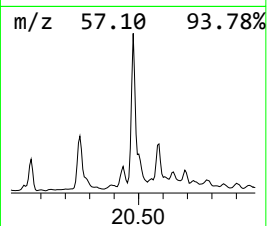
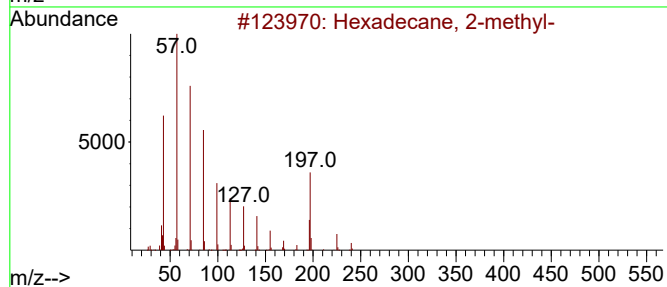
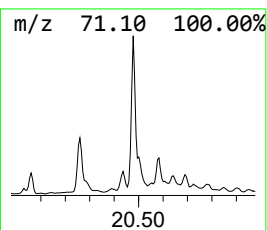
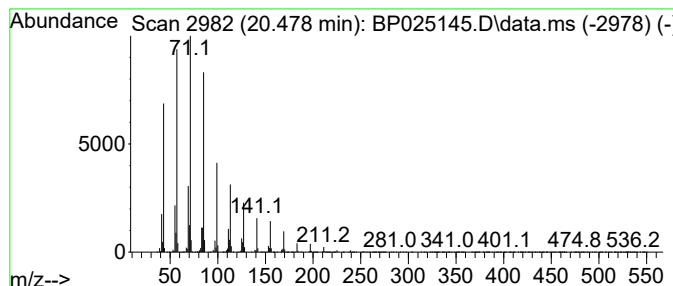
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.477	33.05 ng	27100800	Chrysene-d12	21.342	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	78
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
5	9-Methylheneicosane	310	C22H46	070475-51-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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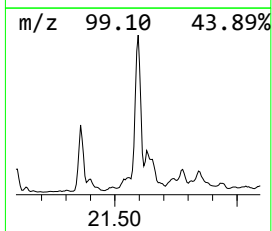
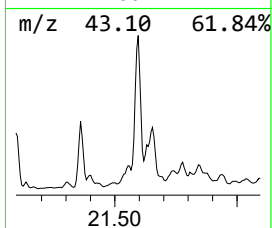
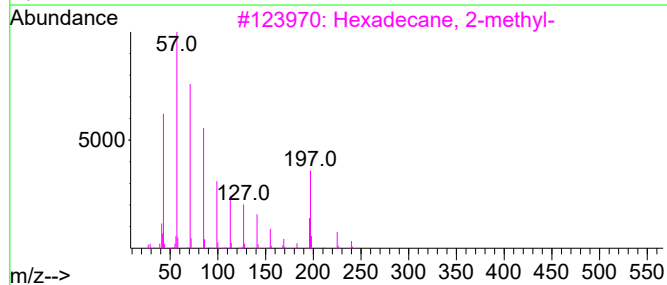
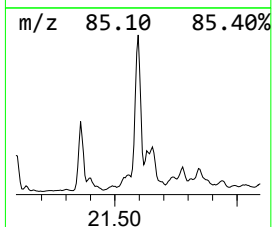
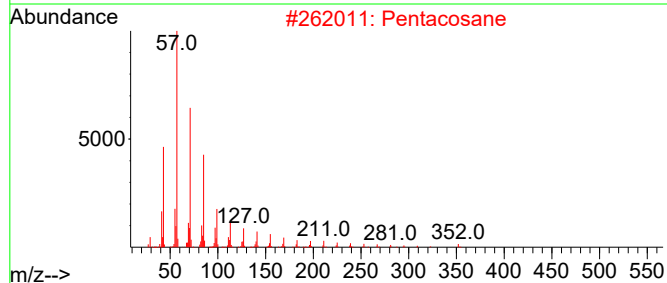
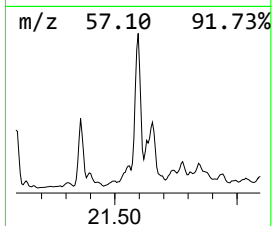
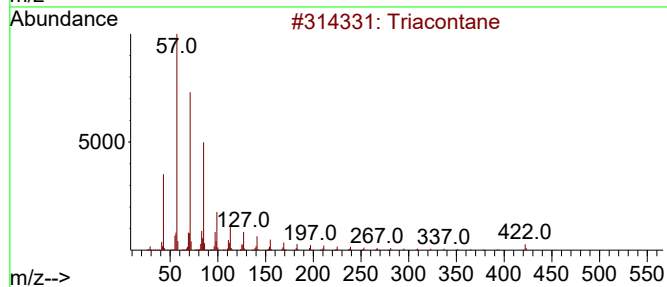
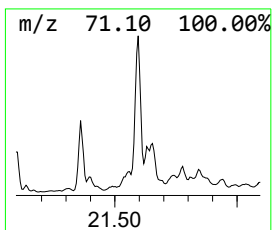
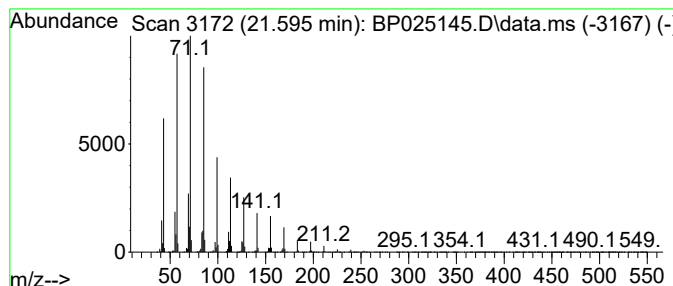
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.595	21.15 ng	17341600	Chrysene-d12	21.342

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	94
2		Pentacosane	352	C25H52	000629-99-2	90
3		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	78
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
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Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

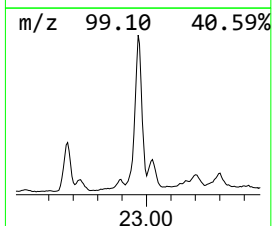
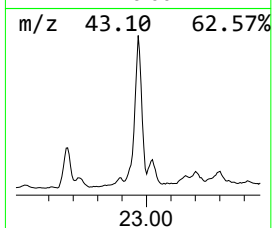
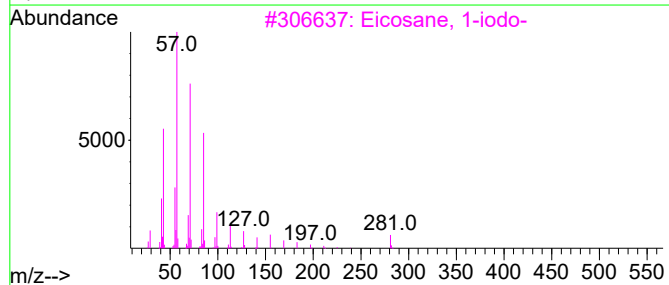
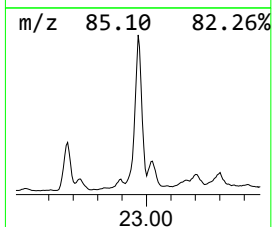
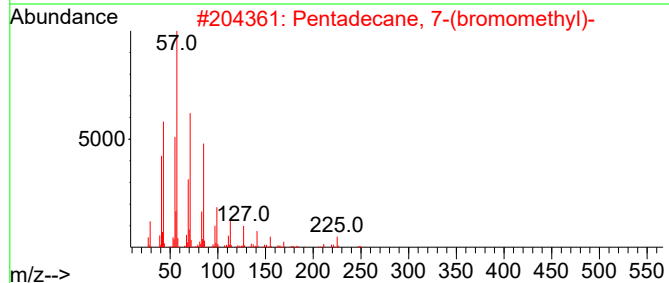
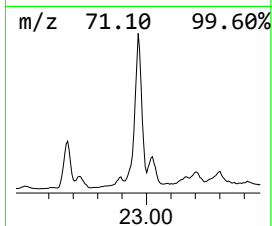
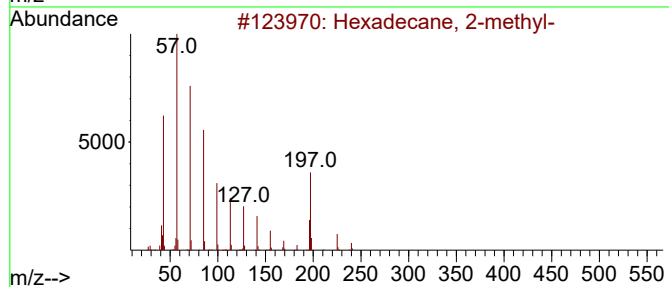
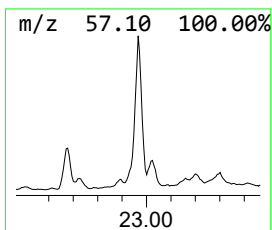
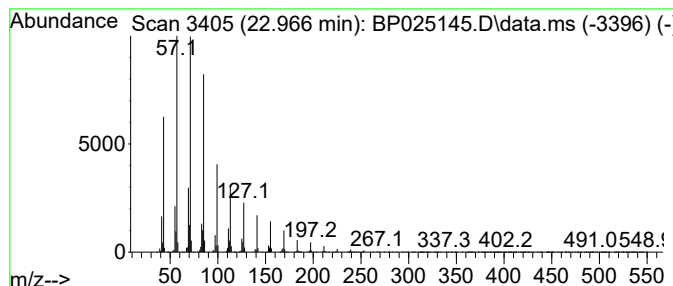
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pentadecane, 7-(bromomethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.966	57.38 ng	27407000	Perylene-d12		24.471	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-		240	C17H36	001560-92-5	86
2	Pentadecane, 7-(bromomethyl)-		304	C16H33Br	052997-43-0	83
3	Eicosane, 1-iodo-		408	C20H41I	1000406-31-8	72
4	Tridecane, 2-methyl-		198	C14H30	001560-96-9	64
5	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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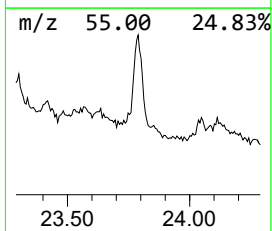
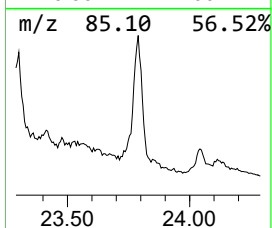
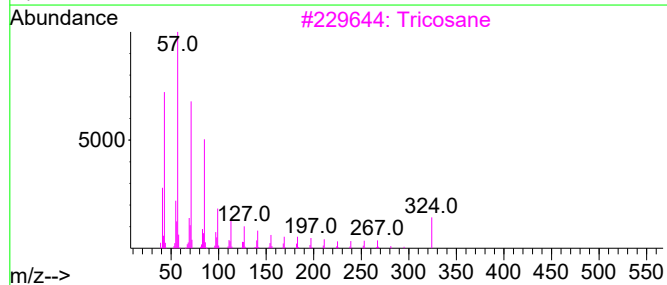
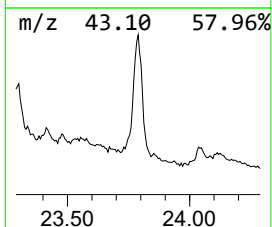
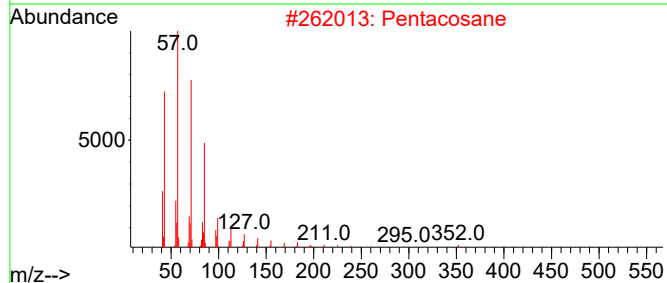
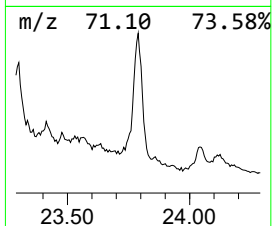
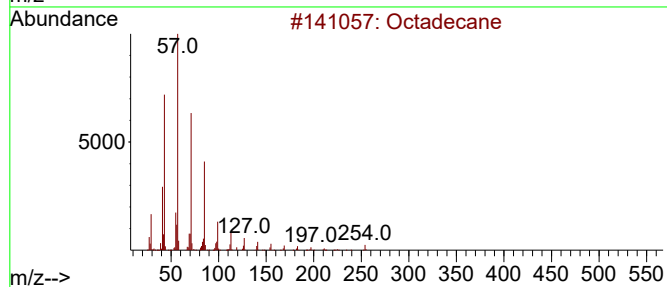
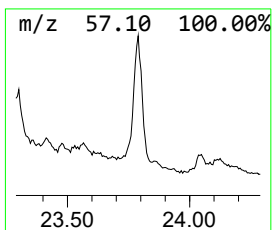
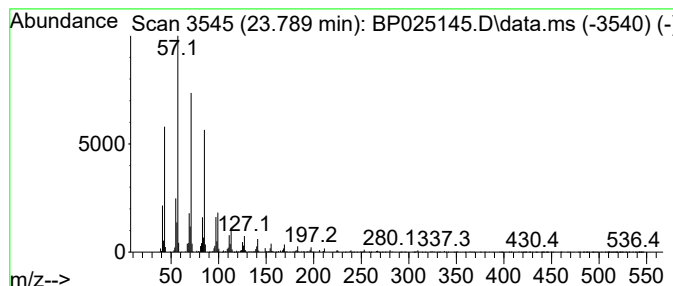
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.789	9.81 ng	4687170	Perylene-d12	24.471

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	96
2		Pentacosane	352	C25H52	000629-99-2	94
3		Tricosane	324	C23H48	000638-67-5	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0191

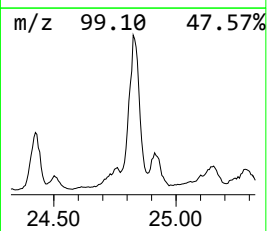
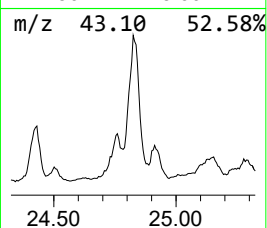
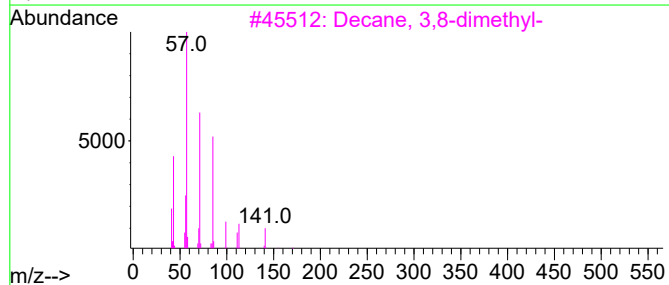
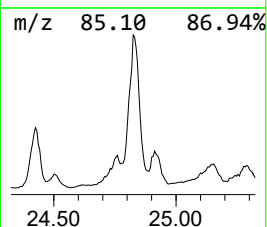
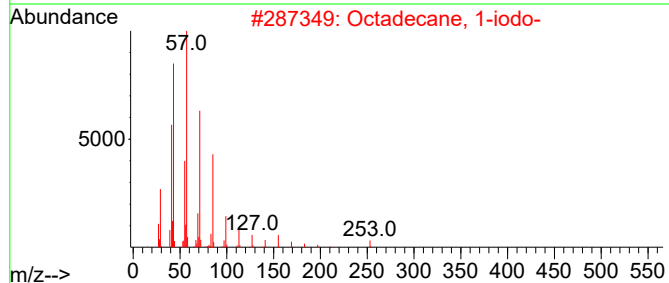
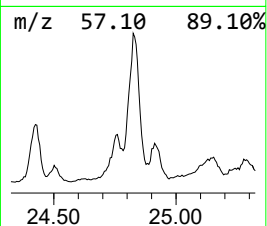
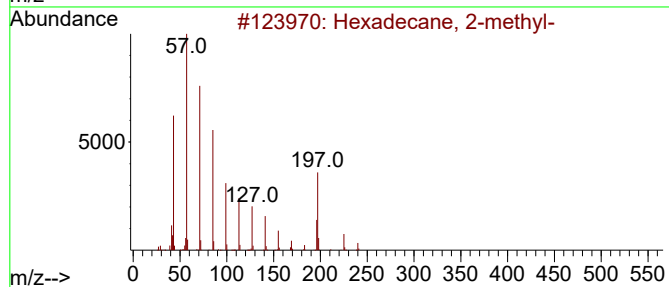
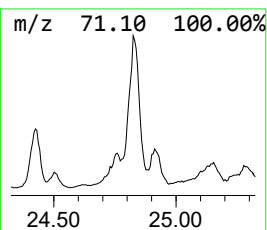
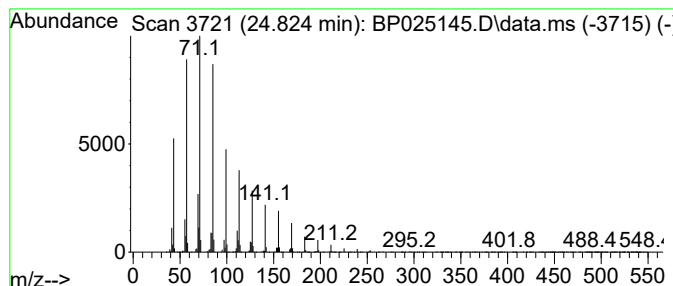
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown24.824 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.824	40.43 ng	19312300	Perylene-d12	24.471

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	49
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
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Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

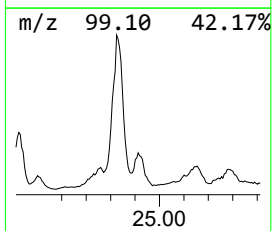
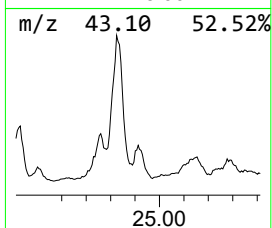
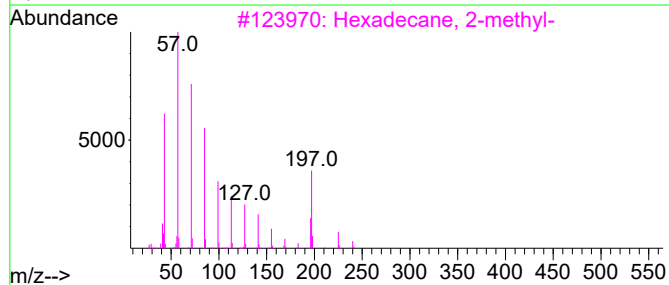
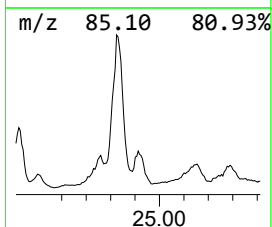
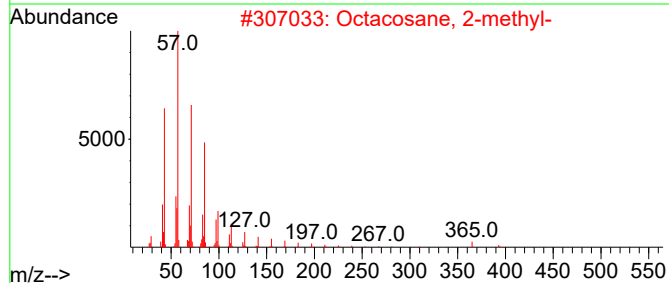
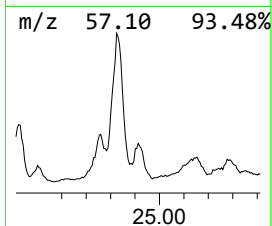
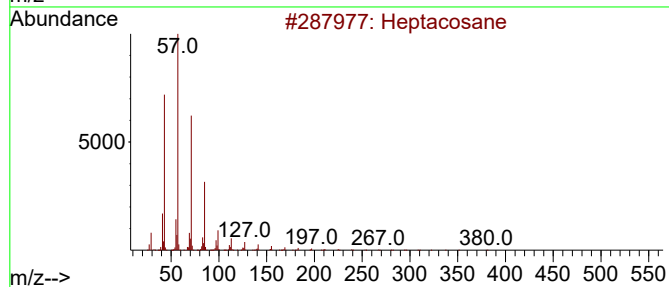
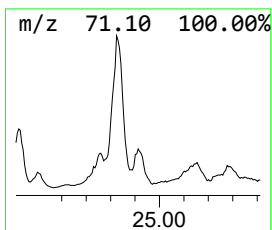
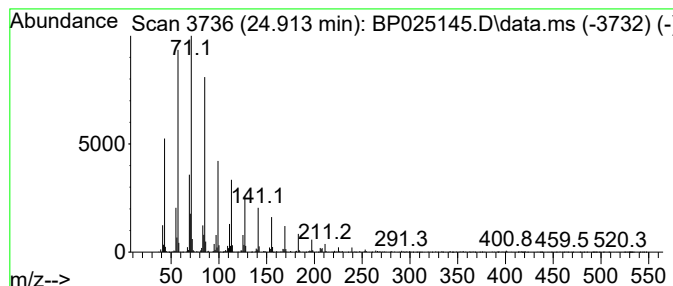
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octacosane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
24.913	9.74 ng	4651040	Perylene-d12		24.471	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	90
2	Octacosane, 2-methyl-		408	C29H60	001560-98-1	78
3	Hexadecane, 2-methyl-		240	C17H36	001560-92-5	72
4	Dotriacontane, 1-iodo-		576	C32H65I	1000406-32-4	64
5	Docosane, 1-iodo-		436	C22H45I	1000406-31-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

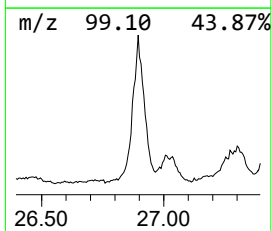
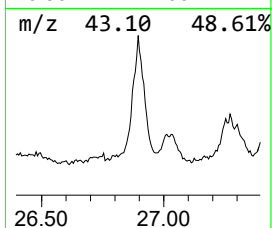
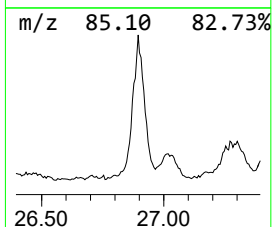
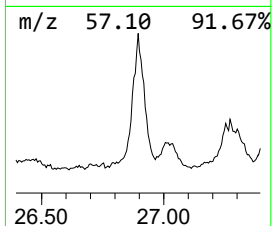
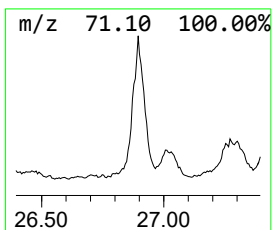
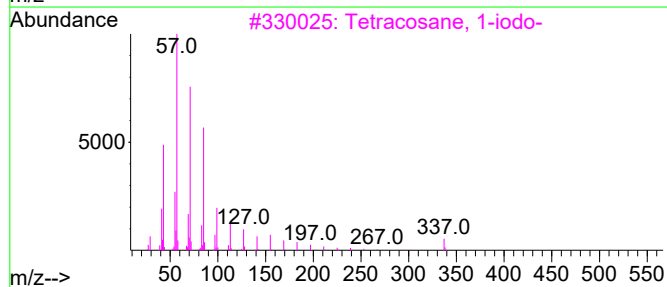
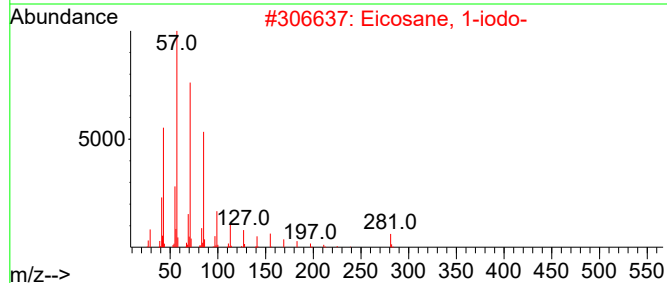
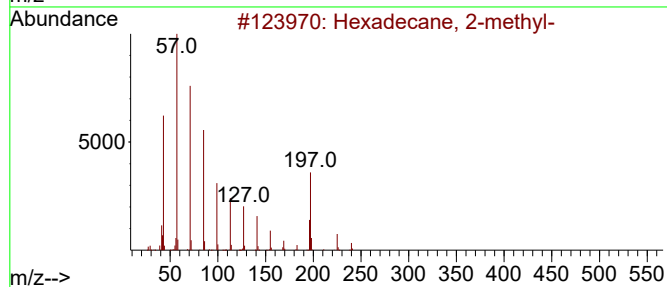
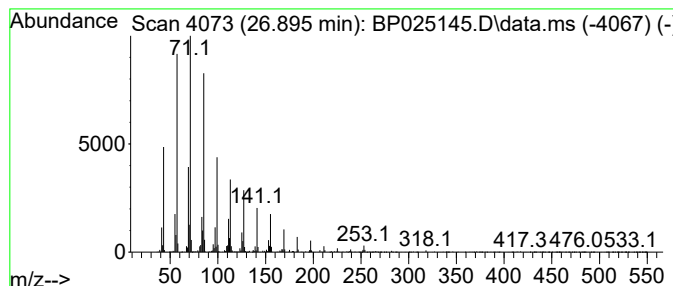
Instrument :
BNA_P
ClientSampleId :
MOO-25-0191

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Eicosane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
26.895	16.19 ng	7731410	Perylene-d12	24.471	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80
3	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	64
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	64
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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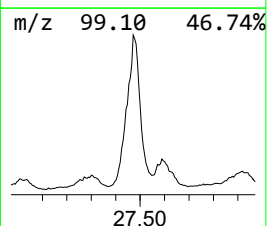
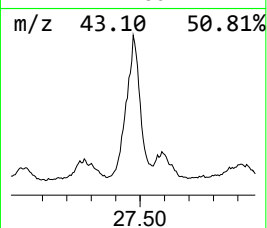
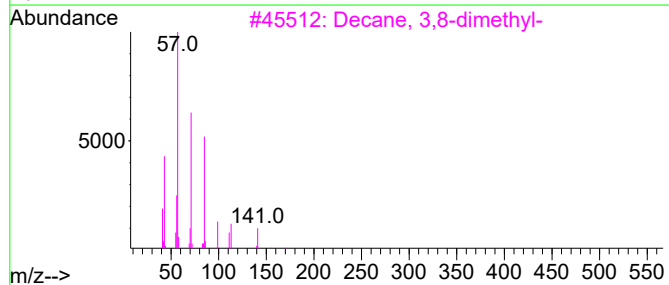
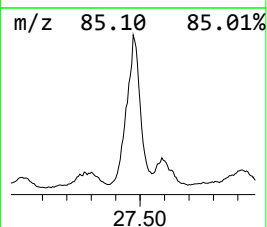
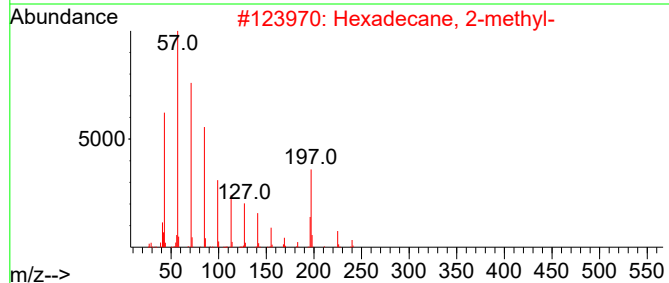
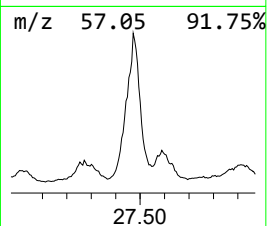
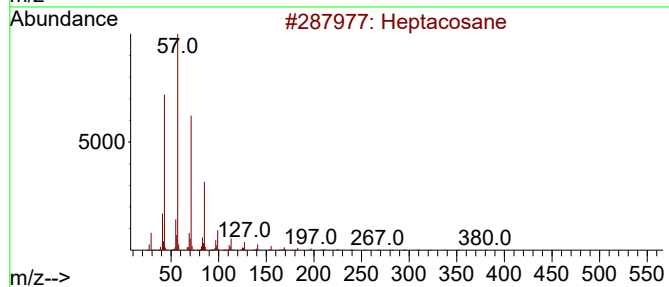
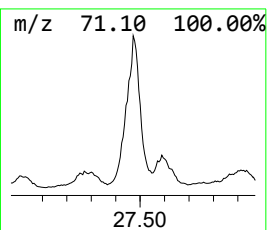
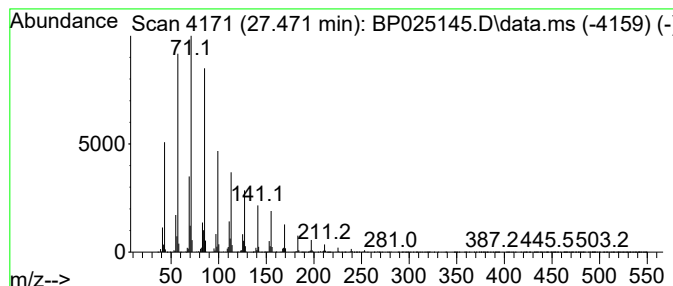
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Undecane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.471	46.90 ng	22402500	Perylene-d12	24.471

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	78
2			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	78
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	52
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025145.D
Acq On : 15 Jul 2025 14:30
Operator : CG/JU
Sample : Q2565-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0191

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Heneicosane	14.384	15.5	ng	4567010	3	14.090	5908480	20.0
Nonane, 2-methy...	15.925	14.4	ng	5084170	4	16.901	7063360	20.0
Heptadecane	16.290	30.3	ng	10699400	4	16.901	7063360	20.0
unknown16.378	16.378	9.8	ng	3471130	4	16.901	7063360	20.0
Heptacosane	17.595	20.3	ng	7158960	4	16.901	7063360	20.0
Octadecane, 1-i...	17.907	73.3	ng	25902100	4	16.901	7063360	20.0
2-Bromotetradecane	18.213	9.7	ng	3438410	4	16.901	7063360	20.0
Octadecane, 2-m...	19.048	24.4	ng	8605850	4	16.901	7063360	20.0
Octadecanoic acid	19.248	12.6	ng	10304400	5	21.342	16400100	20.0
Nonane, 5-methy...	19.301	25.9	ng	21214400	5	21.342	16400100	20.0
Decane, 3,8-dim...	20.260	12.3	ng	10060500	5	21.342	16400100	20.0
Hexadecane, 2-m...	20.477	33.0	ng	27100800	5	21.342	16400100	20.0
Triacontane	21.595	21.1	ng	17341600	5	21.342	16400100	20.0
Pentadecane, 7-...	22.966	57.4	ng	27407000	6	24.471	9552690	20.0
Octadecane	23.789	9.8	ng	4687170	6	24.471	9552690	20.0
unknown24.824	24.824	40.4	ng	19312300	6	24.471	9552690	20.0
Octacosane, 2-m...	24.913	9.7	ng	4651040	6	24.471	9552690	20.0
Eicosane, 1-iodo-	26.895	16.2	ng	7731410	6	24.471	9552690	20.0
Undecane, 3-met...	27.471	46.9	ng	22402500	6	24.471	9552690	20.0