

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024433.D
 Acq On : 25 Apr 2025 21:56
 Operator : RC/JU
 Sample : Q1878-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-4-042425

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-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024433.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	301	306	316	rVB	31043	48831	1.79%	0.163%
2	5.340	377	383	393	rBV	357470	513353	18.78%	1.717%
3	6.910	640	650	663	rBV	298326	552451	20.21%	1.847%
4	7.716	778	787	796	rBV	596588	919015	33.61%	3.073%
5	8.863	976	982	989	rVV	209059	356037	13.02%	1.191%
6	8.928	990	993	998	rVB	23316	36296	1.33%	0.121%
7	10.122	1192	1196	1203	rVB2	15477	27756	1.02%	0.093%
8	10.393	1231	1242	1247	rBV9	13219	44988	1.65%	0.150%
9	10.487	1247	1258	1274	rVV	813009	1588907	58.11%	5.314%
10	10.651	1282	1286	1291	rVB2	36317	55814	2.04%	0.187%
11	10.710	1291	1296	1304	rBV3	17291	34200	1.25%	0.114%
12	10.957	1333	1338	1348	rVB6	19500	50237	1.84%	0.168%
13	11.063	1349	1356	1360	rBV4	16441	30390	1.11%	0.102%
14	11.187	1373	1377	1385	rVV8	29192	80278	2.94%	0.268%
15	11.246	1385	1387	1395	rVB5	19979	35801	1.31%	0.120%
16	11.328	1395	1401	1407	rBV5	41264	73765	2.70%	0.247%
17	11.404	1408	1414	1420	rBV3	57305	100303	3.67%	0.335%
18	11.510	1427	1432	1437	rBV	71129	125253	4.58%	0.419%
19	11.598	1443	1447	1452	rVB2	21341	37817	1.38%	0.126%
20	11.681	1455	1461	1468	rVV2	70278	123642	4.52%	0.413%
21	11.916	1491	1501	1511	rBV	222616	407823	14.92%	1.364%
22	12.040	1518	1522	1527	rVB3	43923	73633	2.69%	0.246%
23	12.134	1532	1538	1548	rVB8	35516	107116	3.92%	0.358%
24	12.357	1572	1576	1579	rBV4	23311	37531	1.37%	0.126%
25	12.404	1579	1584	1589	rVB	90866	141092	5.16%	0.472%
26	12.551	1603	1609	1613	rBV4	54234	90677	3.32%	0.303%
27	12.592	1613	1616	1619	rBV5	32980	54220	1.98%	0.181%
28	12.657	1624	1627	1630	rBV3	49048	69713	2.55%	0.233%
29	12.728	1635	1639	1645	rVB2	54394	98620	3.61%	0.330%
30	12.822	1650	1655	1659	rBV4	70150	115090	4.21%	0.385%
31	12.875	1659	1664	1670	rVV3	133593	224890	8.23%	0.752%
32	12.957	1670	1678	1688	rVV	706483	1063136	38.88%	3.555%
33	13.040	1688	1692	1697	rVB6	28644	50669	1.85%	0.169%
34	13.163	1708	1713	1720	rVB	382327	561386	20.53%	1.877%
35	13.281	1726	1733	1738	rVV2	77331	160790	5.88%	0.538%
36	13.328	1738	1741	1746	rVB2	49699	69417	2.54%	0.232%

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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-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.498	1766	1770	1778	rBV6	38956	90375	3.31%	0.302%
38	13.616	1786	1790	1792	rBV4	44271	61044	2.23%	0.204%
39	13.704	1801	1805	1809	rVB6	35777	53524	1.96%	0.179%
40	13.804	1818	1822	1823	rBV2	78008	89112	3.26%	0.298%
41	13.834	1824	1827	1830	rVV2	175669	238689	8.73%	0.798%
42	13.869	1830	1833	1839	rVV3	112823	188319	6.89%	0.630%
43	13.922	1839	1842	1844	rVV2	44253	65754	2.40%	0.220%
44	13.945	1844	1846	1850	rVB	72187	77906	2.85%	0.261%
45	13.998	1851	1855	1859	rBV6	29479	45130	1.65%	0.151%
46	14.245	1892	1897	1903	rBV	608924	779395	28.51%	2.606%
47	14.345	1906	1914	1922	rVV	1402942	2120057	77.54%	7.090%
48	14.716	1967	1977	1979	rBV4	81769	213239	7.80%	0.713%
49	14.751	1980	1983	1990	rVV4	87147	132608	4.85%	0.443%
50	14.810	1990	1993	2001	rVV3	36463	78727	2.88%	0.263%
51	14.881	2001	2005	2014	rVB4	144885	233361	8.54%	0.780%
52	14.951	2014	2017	2019	rBV	68468	81851	2.99%	0.274%
53	15.216	2058	2062	2066	rVB	702182	775649	28.37%	2.594%
54	15.257	2067	2069	2075	rVV3	35623	64189	2.35%	0.215%
55	15.310	2075	2078	2088	rVB4	54312	119058	4.35%	0.398%
56	15.398	2090	2093	2097	rBV5	33239	44313	1.62%	0.148%
57	15.628	2125	2132	2137	rVV	246631	415404	15.19%	1.389%
58	15.722	2144	2148	2154	rVB2	144289	221244	8.09%	0.740%
59	15.775	2154	2157	2164	rBV2	70182	113719	4.16%	0.380%
60	15.857	2165	2171	2178	rVV2	583396	918952	33.61%	3.073%
61	16.092	2206	2211	2214	rBV	632779	958115	35.04%	3.204%
62	16.451	2268	2272	2274	rBV4	42560	69697	2.55%	0.233%
63	16.681	2308	2311	2314	rBV	39909	48729	1.78%	0.163%
64	16.904	2344	2349	2353	rBV	579632	728299	26.64%	2.436%
65	16.957	2354	2358	2369	rVB	246059	426123	15.59%	1.425%
66	17.145	2384	2390	2395	rBV2	1413882	2326495	85.09%	7.780%
67	17.392	2429	2432	2437	rVB3	43854	51558	1.89%	0.172%
68	17.457	2440	2443	2451	rVB2	48799	78502	2.87%	0.263%
69	17.516	2451	2453	2457	rBV3	28959	36566	1.34%	0.122%
70	17.663	2474	2478	2483	rVB	452991	614510	22.48%	2.055%
71	18.080	2545	2549	2554	rBV4	109500	196435	7.18%	0.657%
72	18.386	2596	2601	2606	rBV	416501	533701	19.52%	1.785%
73	18.869	2679	2683	2686	rBV3	53159	80125	2.93%	0.268%
74	19.045	2709	2713	2720	rBV	371070	475030	17.37%	1.589%
75	19.269	2747	2751	2755	rBV	146404	236664	8.66%	0.791%
76	19.651	2811	2816	2823	rVB	328297	444318	16.25%	1.486%

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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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.863	2847	2852	2860	rBV	1254695	1633936	59.76%	5.464%
78	20.204	2907	2910	2914	rVB	205662	226295	8.28%	0.757%
79	20.721	2996	2998	3003	rVB	107137	132212	4.84%	0.442%
80	21.580	3139	3144	3151	rVB	1595388	2489085	91.04%	8.324%
81	24.933	3707	3714	3725	rVB	1073167	2734135	100.00%	9.143%

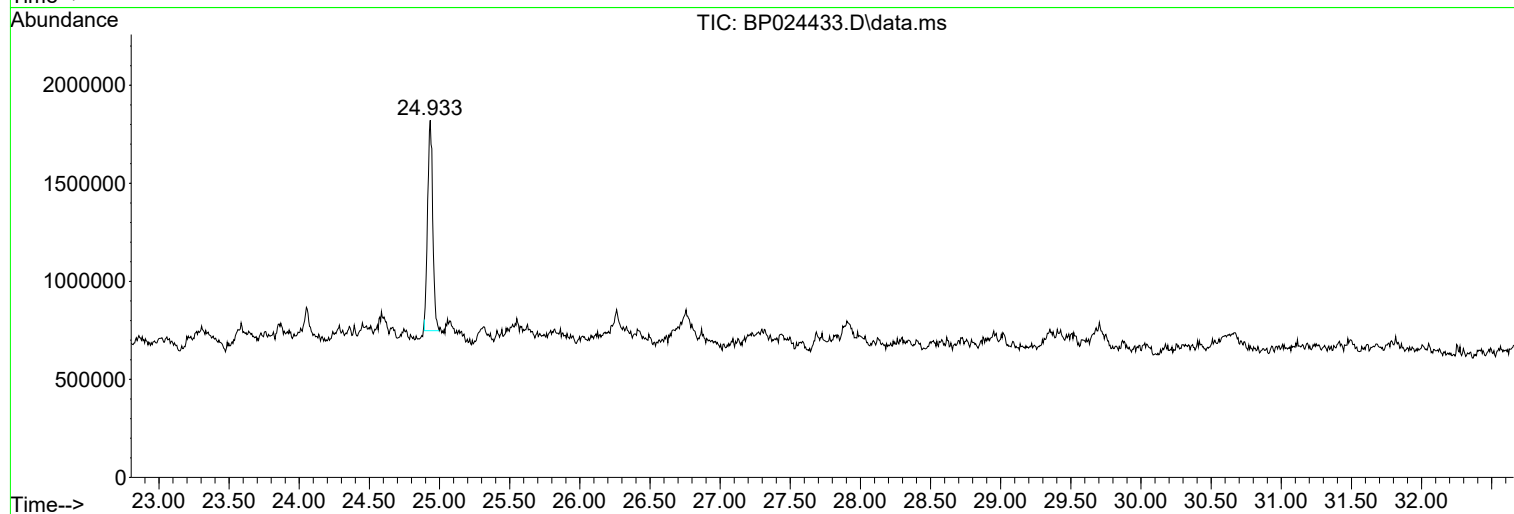
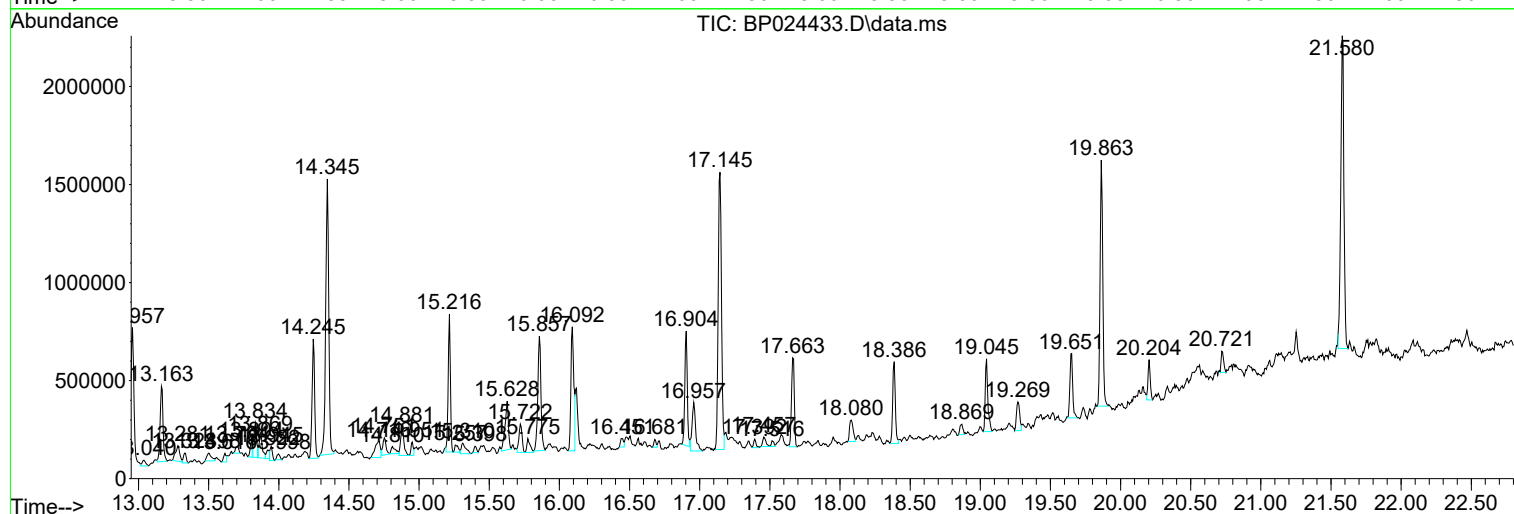
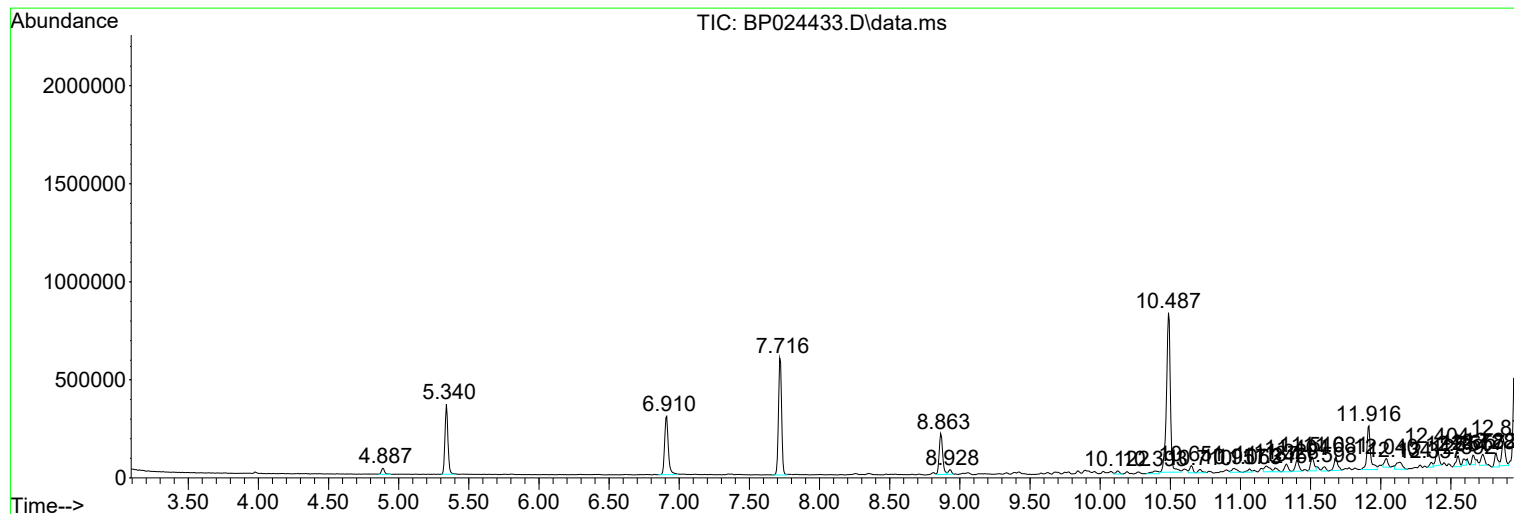
Sum of corrected areas: 29903086

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
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Sample : Q1878-01 5X
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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TR-4-042425

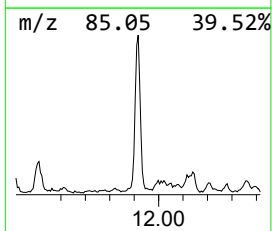
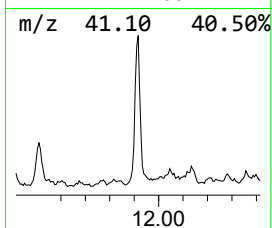
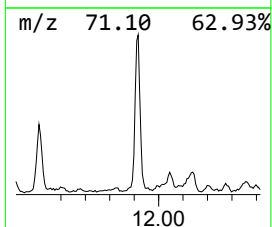
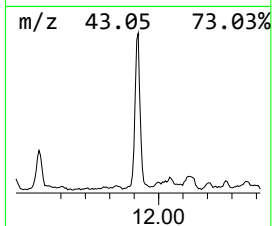
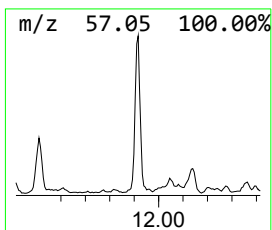
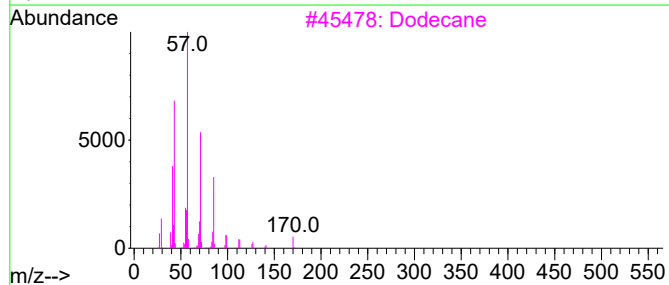
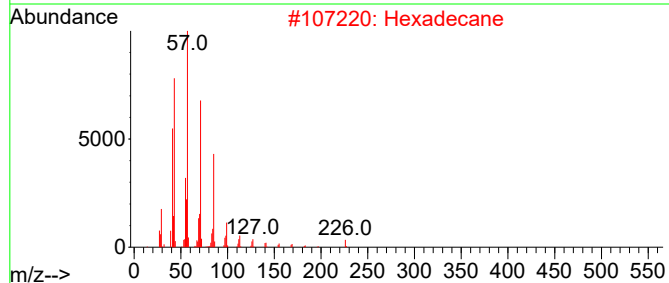
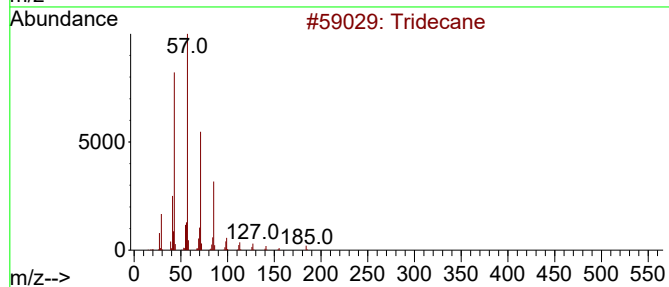
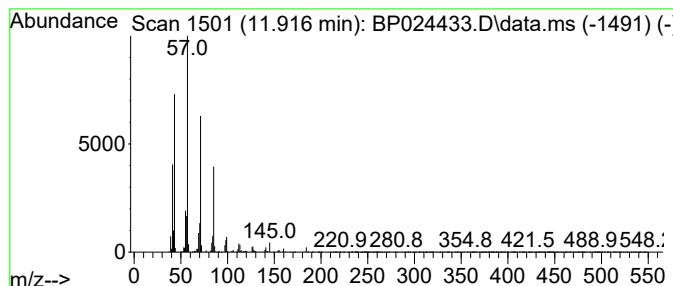
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	5.13 ng	407823	Naphthalene-d8	10.487

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	90
3			Dodecane	170	C12H26	000112-40-3	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80



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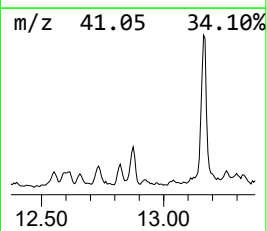
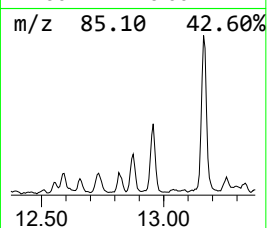
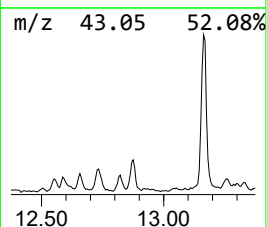
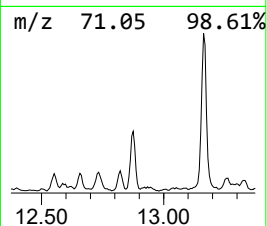
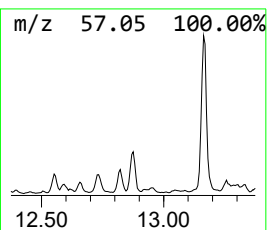
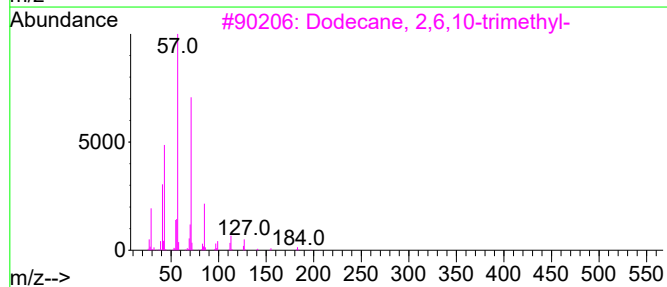
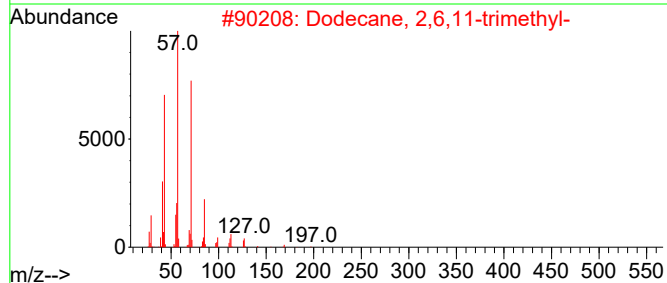
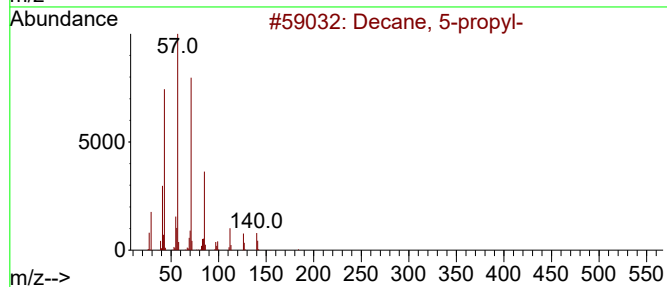
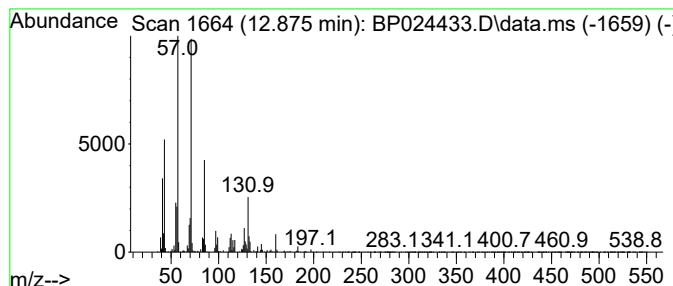
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 5-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.875	2.12 ng	224890	Acenaphthene-d10	14.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-propyl-	184	C13H28	017312-62-8	58
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	46
5			Heptadecane	240	C17H36	000629-78-7	45



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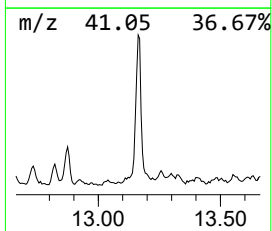
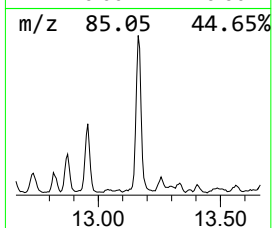
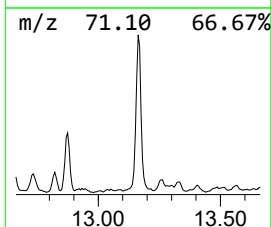
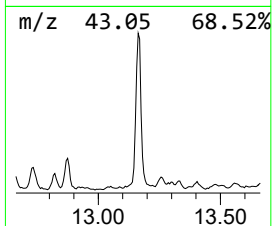
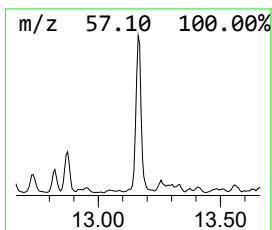
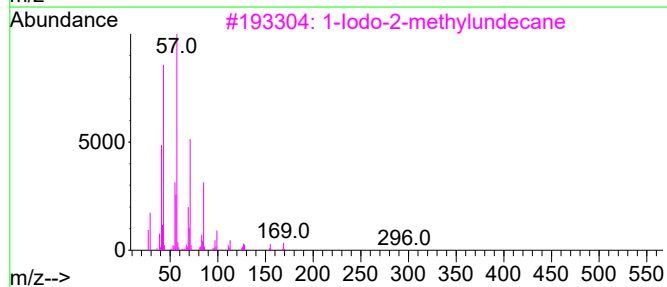
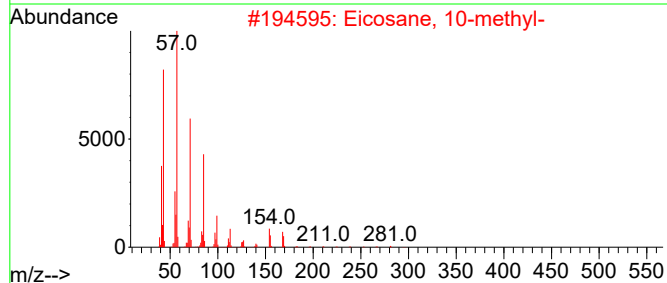
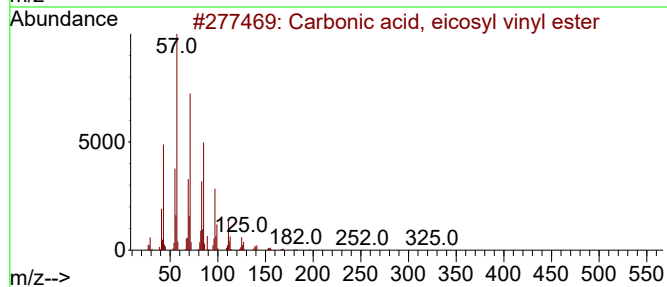
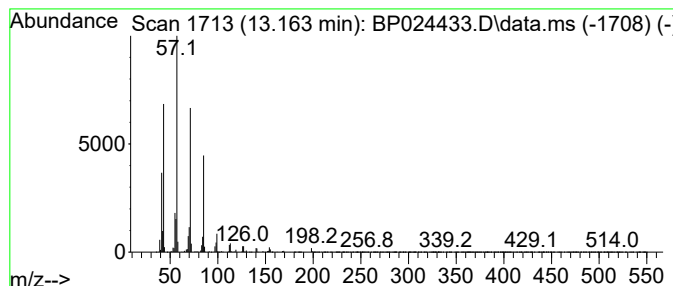
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Carbonic acid, eicosyl vinyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.163	5.30 ng	561386	Acenaphthene-d10	14.345	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
4	Octacosane	394	C28H58	000630-02-4	78
5	Tridecane	184	C13H28	000629-50-5	72



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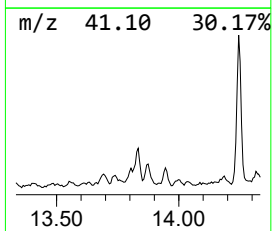
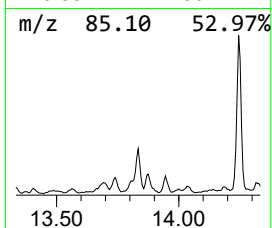
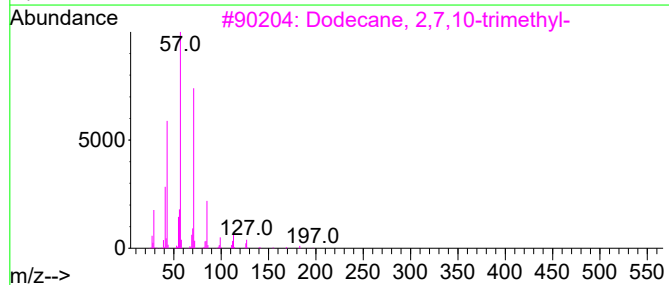
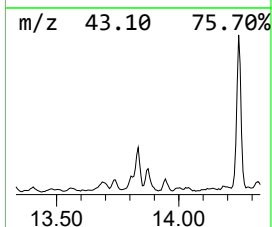
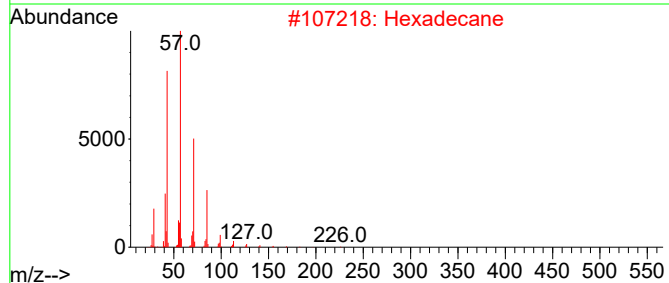
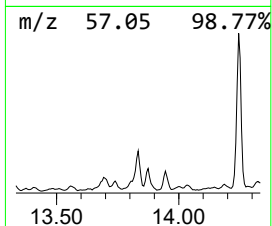
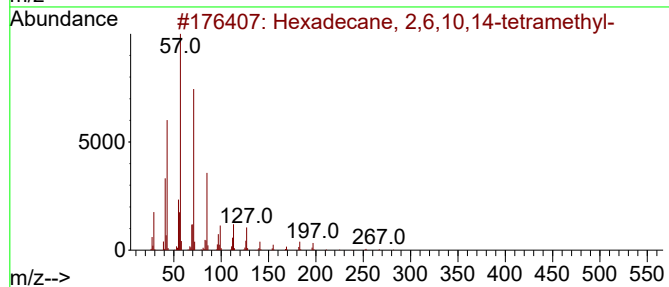
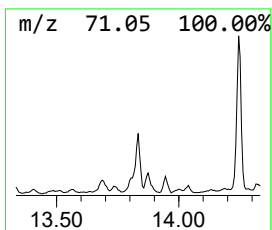
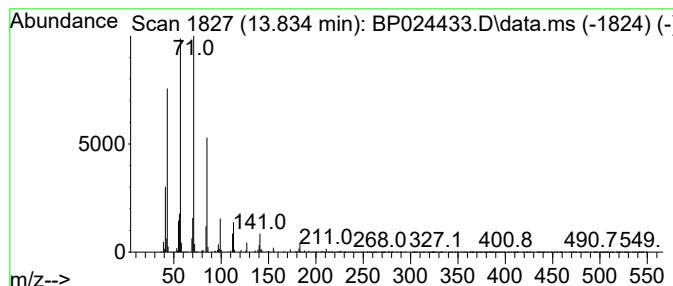
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ClientSampleId :
TR-4-042425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.834	2.25 ng	238689	Acenaphthene-d10		14.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	74
2	Hexadecane		226	C16H34	000544-76-3	64
3	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	59
4	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	58
5	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-4-042425

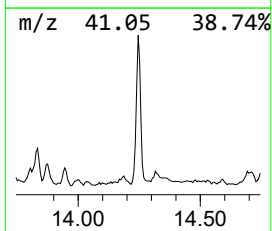
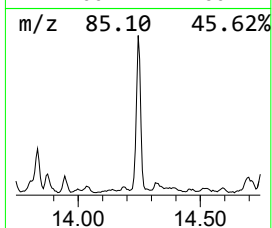
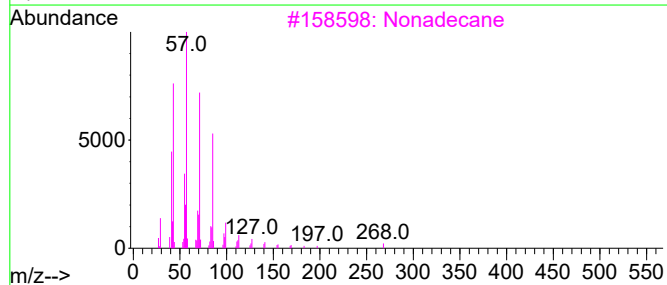
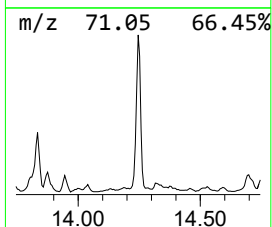
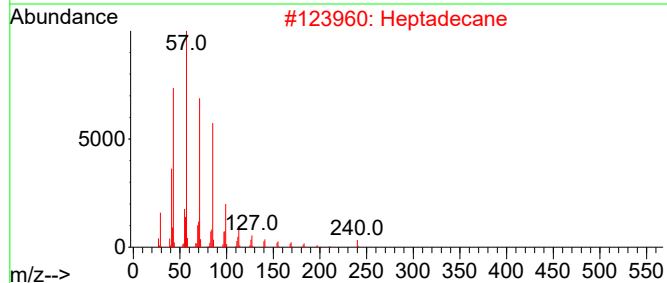
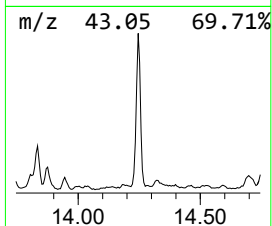
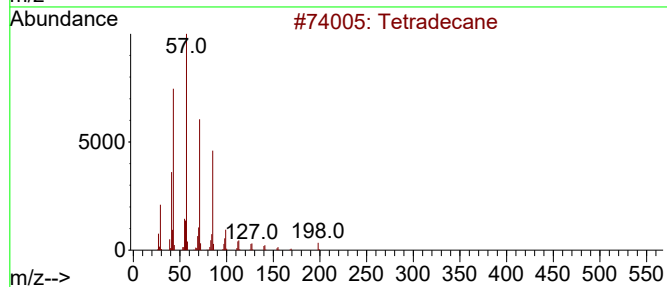
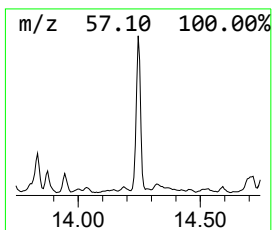
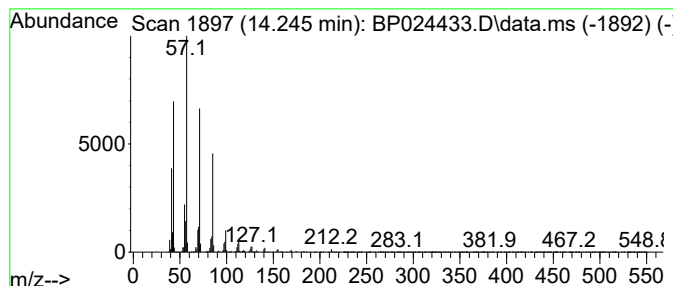
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	7.35 ng	779395	Acenaphthene-d10	14.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Heptadecane	240	C17H36	000629-78-7	90
3			Nonadecane	268	C19H40	000629-92-5	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-4-042425

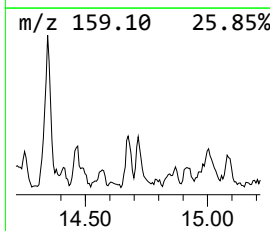
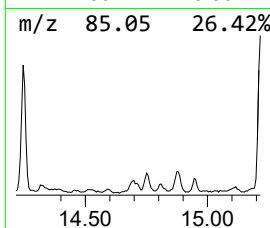
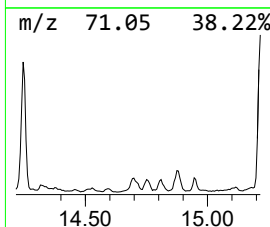
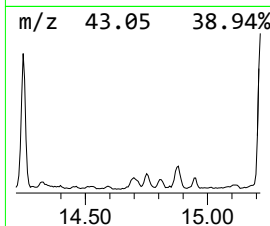
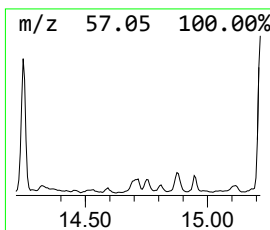
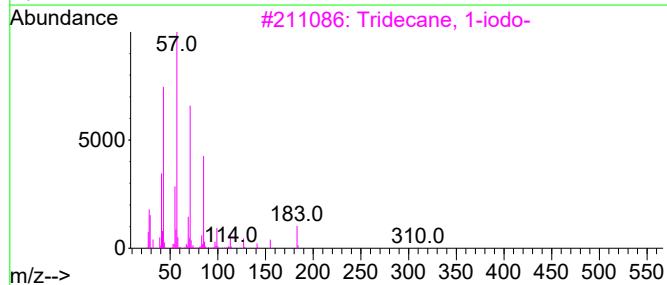
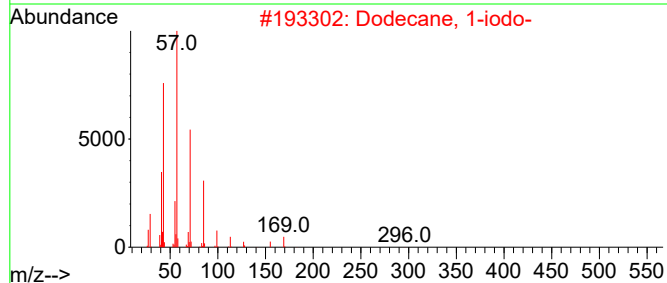
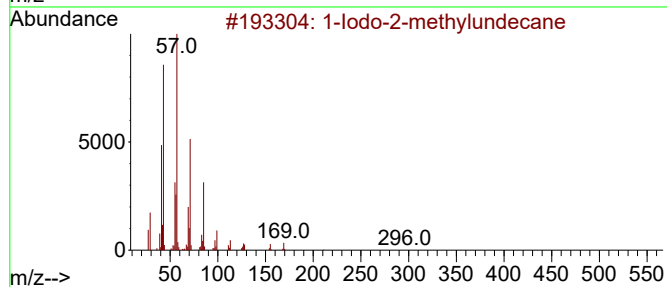
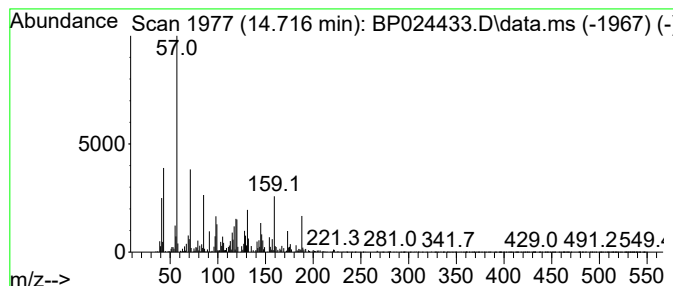
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown14.716 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.716	2.01 ng	213239	Acenaphthene-d10	14.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	30
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	30
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	25
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	25
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-4-042425

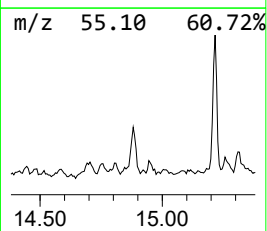
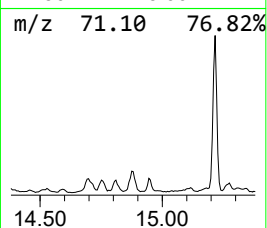
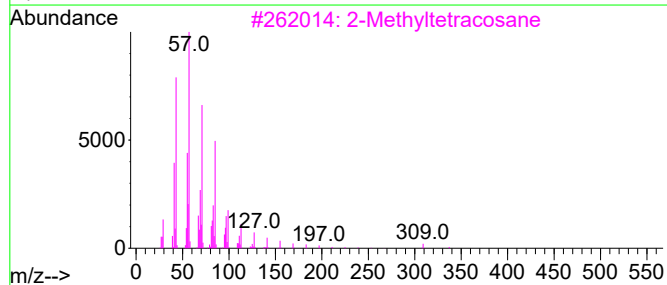
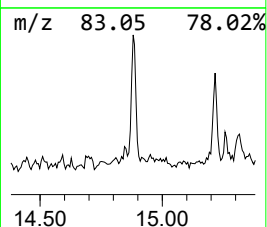
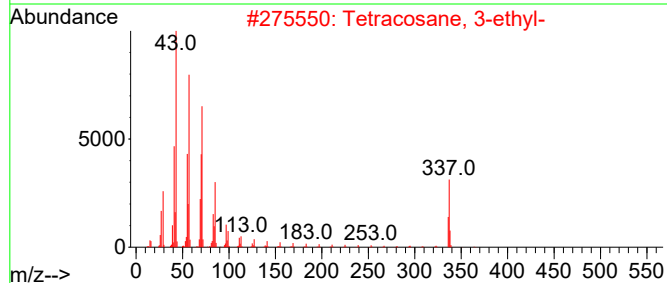
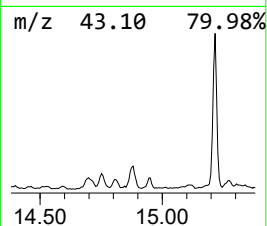
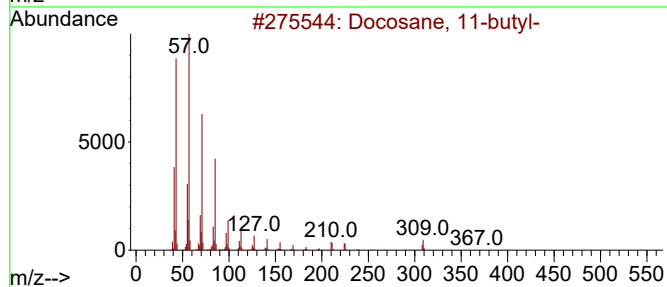
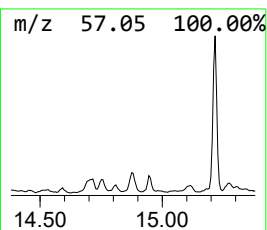
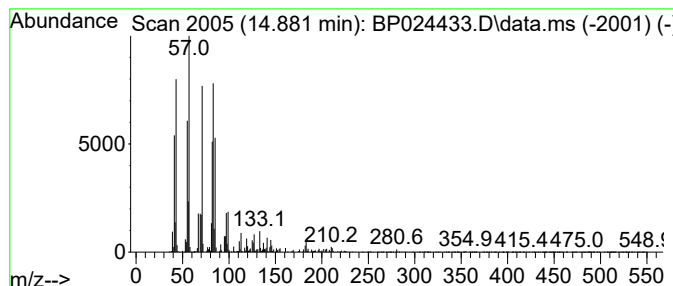
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Docosane, 11-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.881	2.20 ng	233361	Acenaphthene-d10	14.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane, 11-butyl-	366	C26H54	013475-76-8	70
2			Tetracosane, 3-ethyl-	366	C26H54	055282-17-2	55
3			2-Methyltetracosane	352	C25H52	001560-78-7	52
4			Tridecane	184	C13H28	000629-50-5	50
5			Octadecane, 2-methyl-	268	C19H40	001560-88-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-4-042425

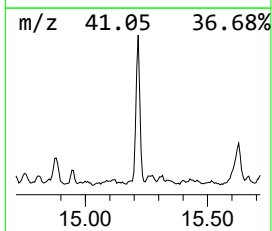
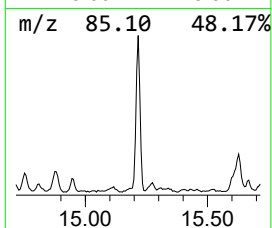
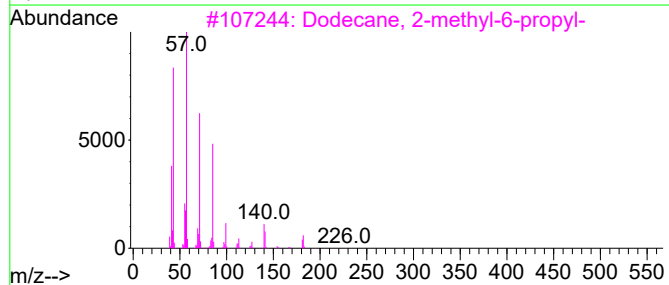
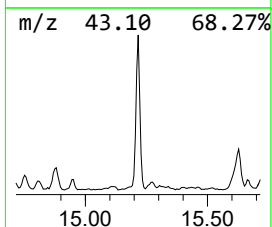
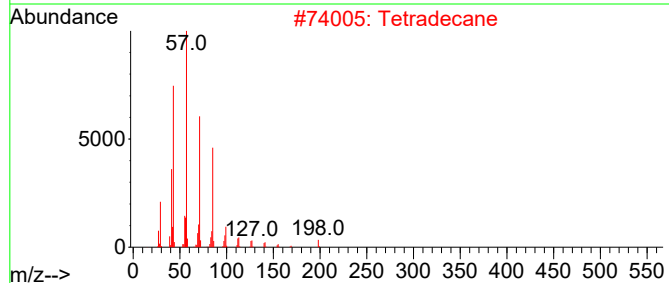
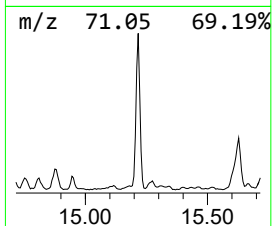
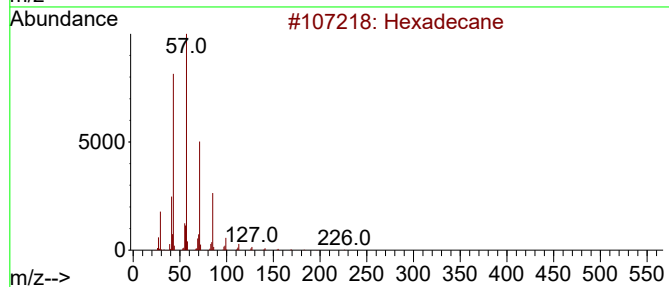
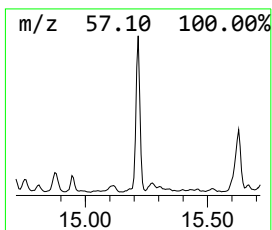
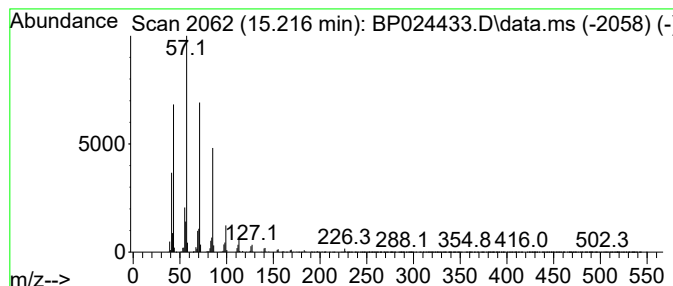
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	7.32 ng	775649	Acenaphthene-d10	14.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Tetradecane	198	C14H30	000629-59-4	87
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

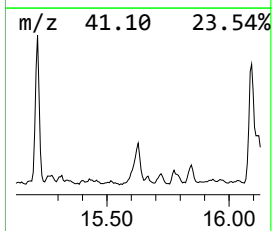
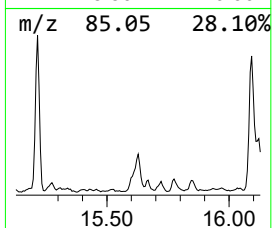
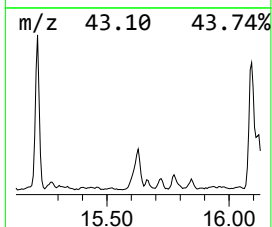
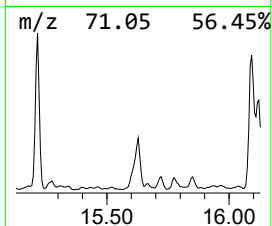
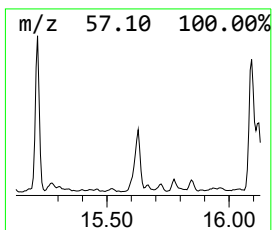
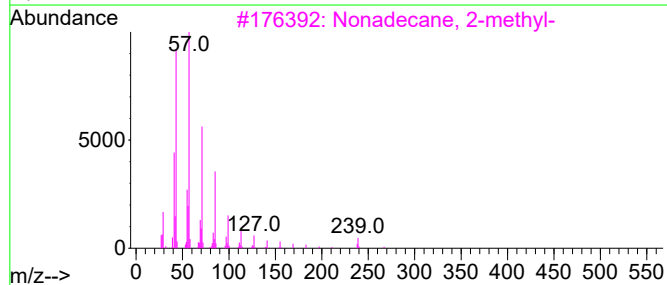
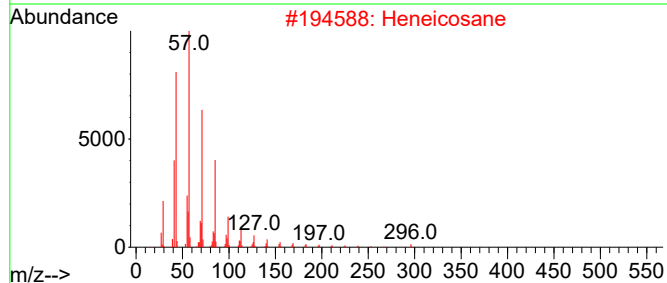
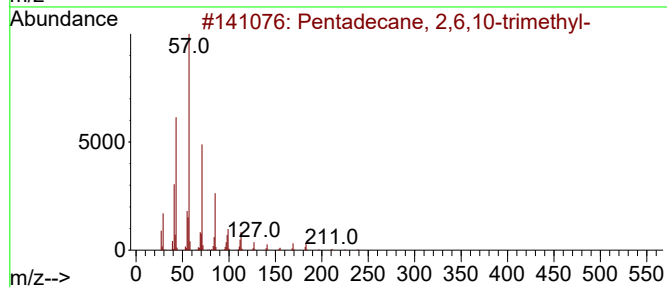
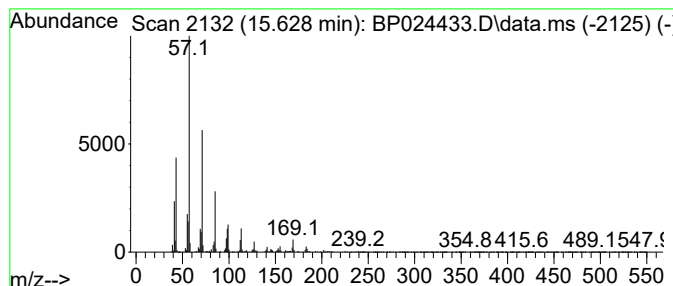
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.628	3.92 ng	415404	Acenaphthene-d10		14.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	93
2	Heneicosane		296	C21H44	000629-94-7	80
3	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	80
4	Hexadecane		226	C16H34	000544-76-3	72
5	Heptacosane		380	C27H56	000593-49-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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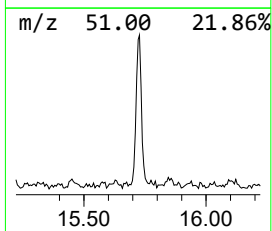
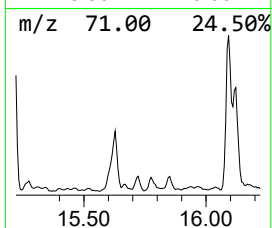
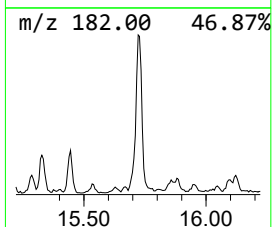
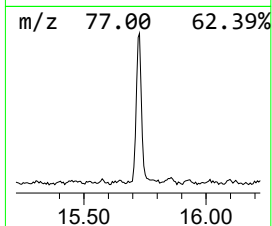
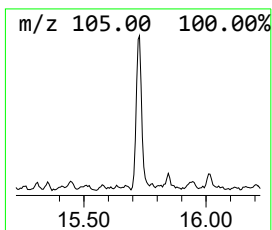
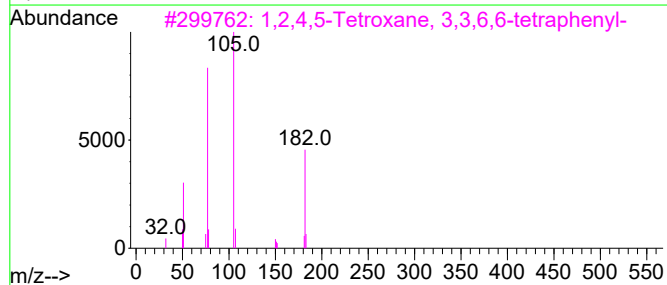
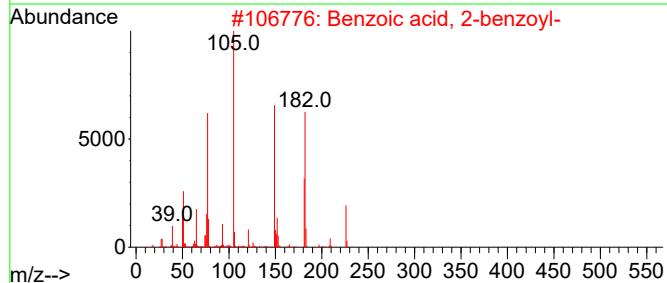
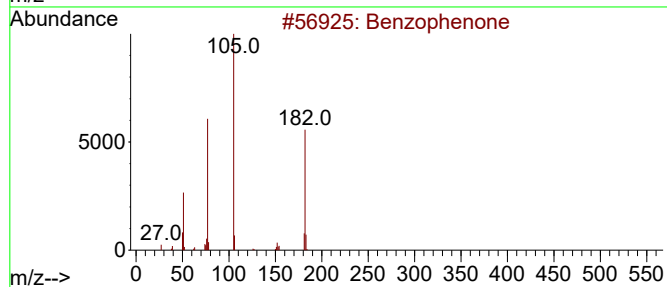
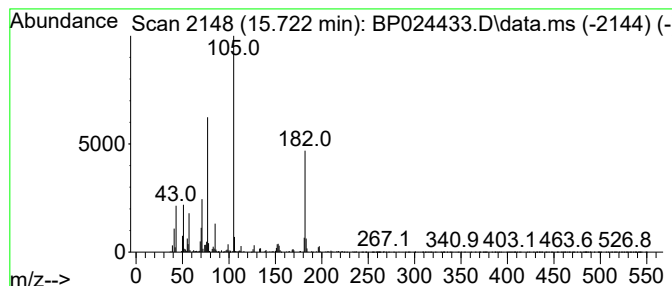
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	2.09 ng	221244	Acenaphthene-d10	14.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzoic acid, 2-benzoyl-	226	C14H10O3	000085-52-9	45
3			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	45
4			Benzene, 4-methyl-1,2-dinitro-	182	C7H6N2O4	000610-39-9	38
5			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-4-042425

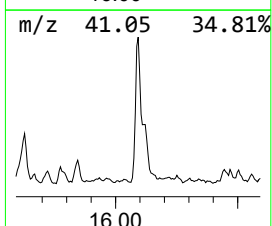
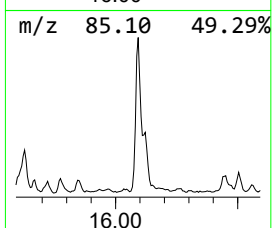
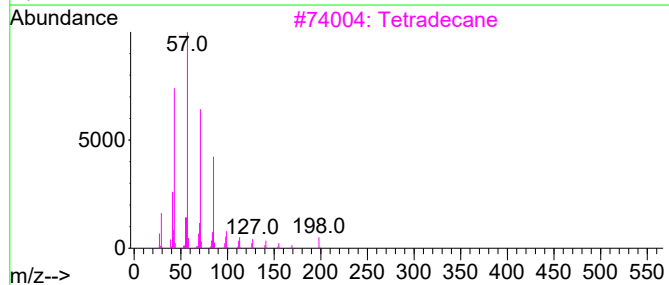
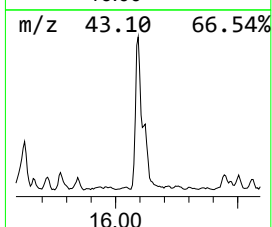
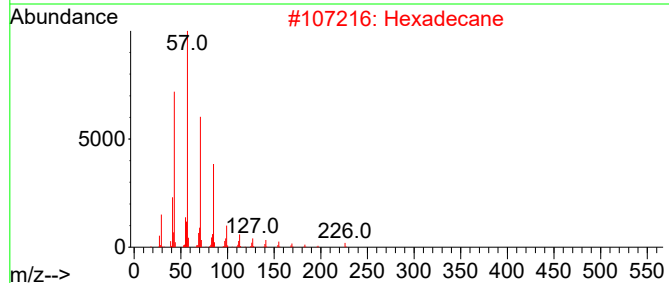
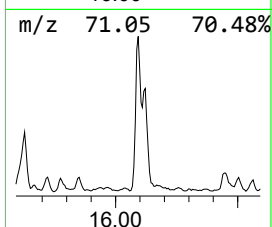
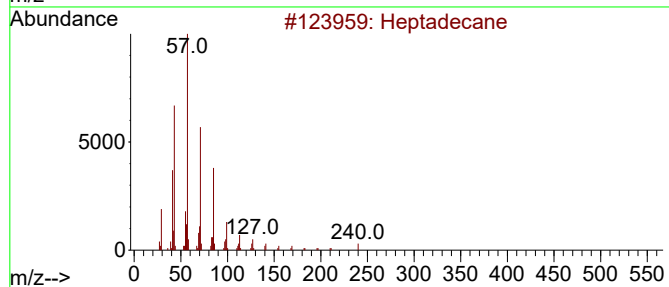
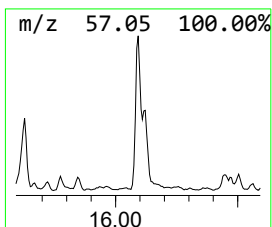
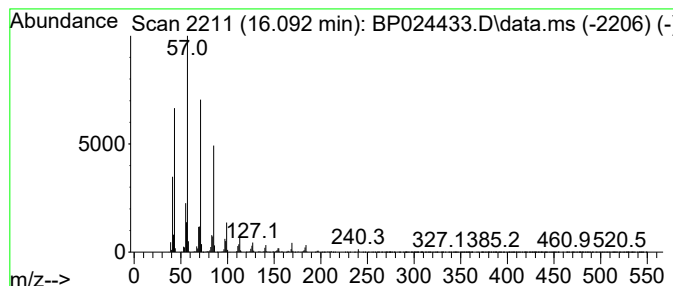
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	8.24 ng	958115	Phenanthrene-d10	17.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Heneicosane	296	C21H44	000629-94-7	87
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-4-042425

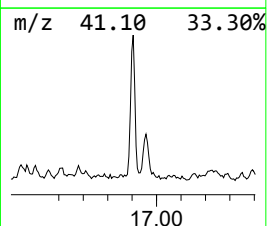
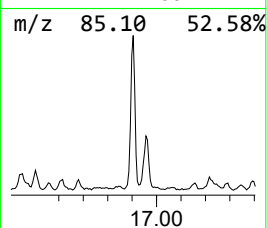
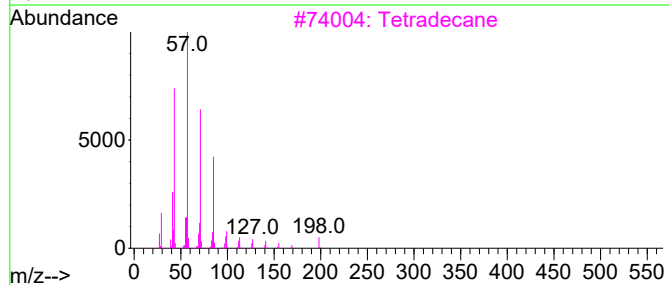
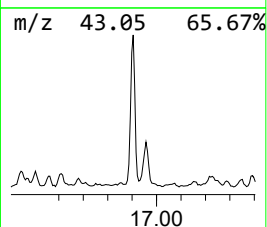
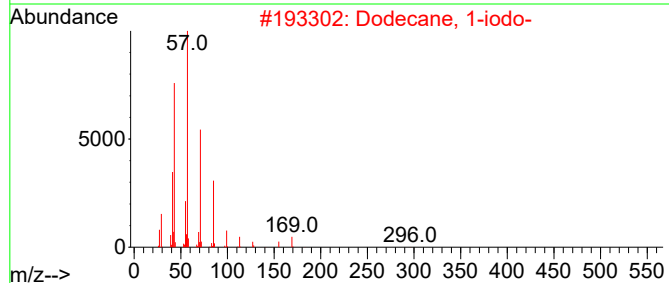
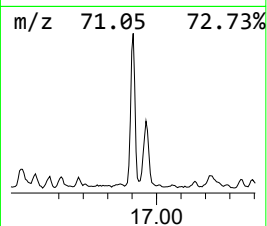
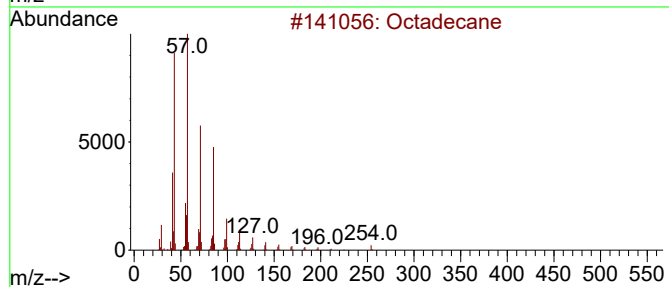
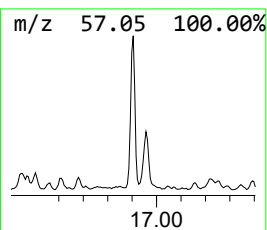
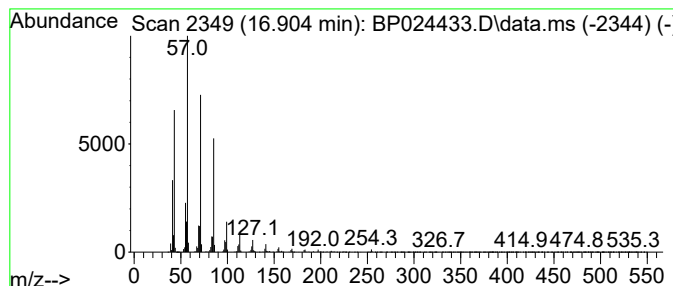
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.904	6.26 ng	728299	Phenanthrene-d10	17.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	92
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-4-042425

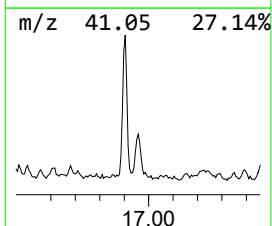
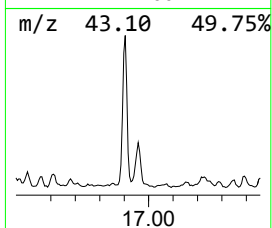
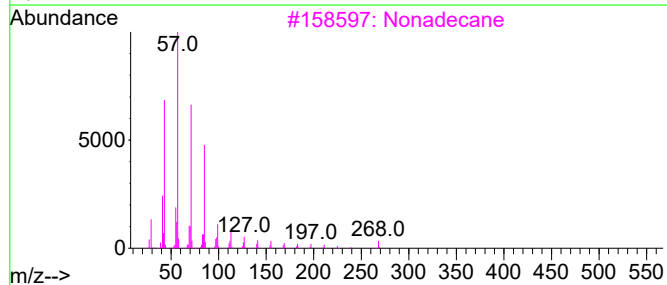
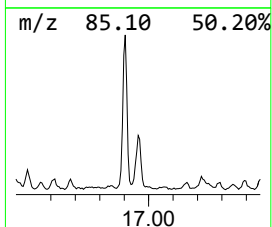
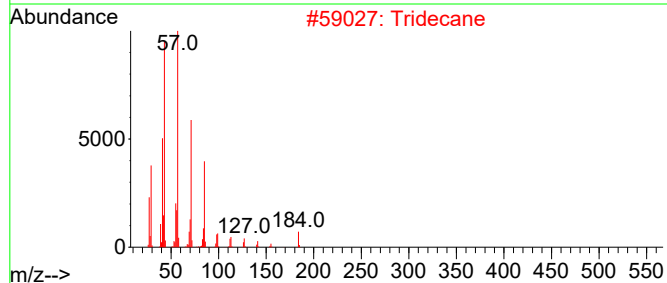
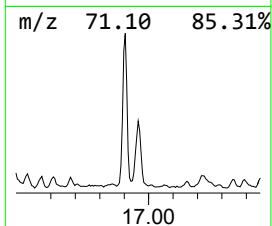
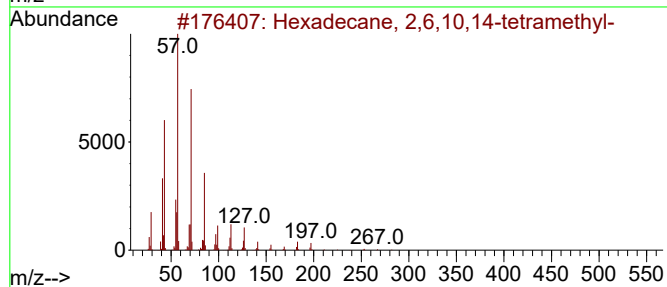
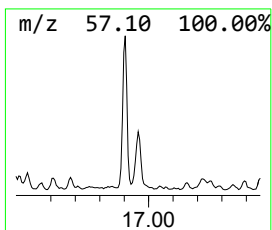
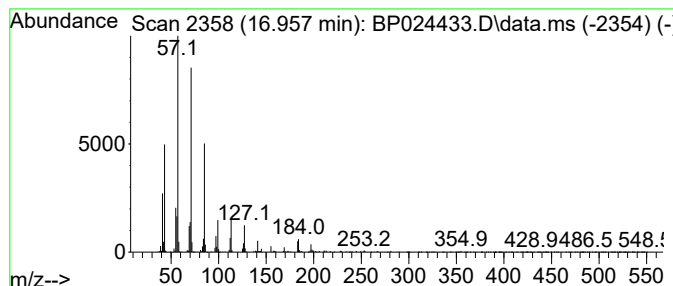
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.957	3.66 ng	426123	Phenanthrene-d10	17.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Tridecane	184	C13H28	000629-50-5	87
3			Nonadecane	268	C19H40	000629-92-5	87
4			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	86
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-4-042425

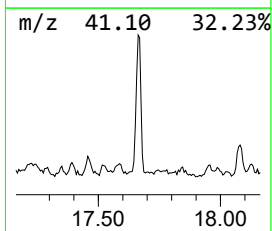
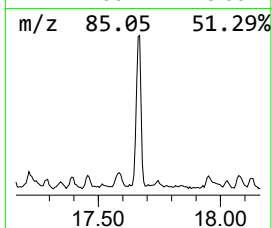
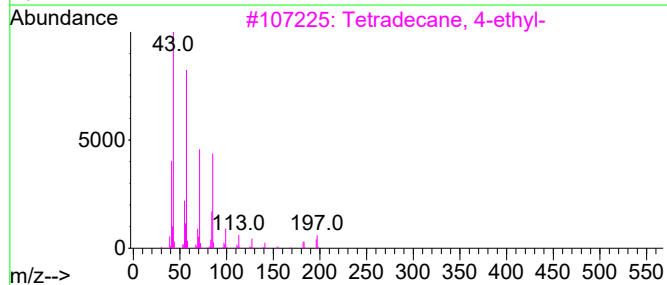
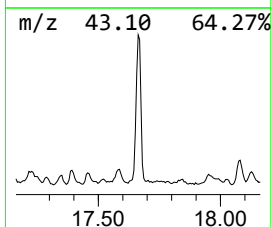
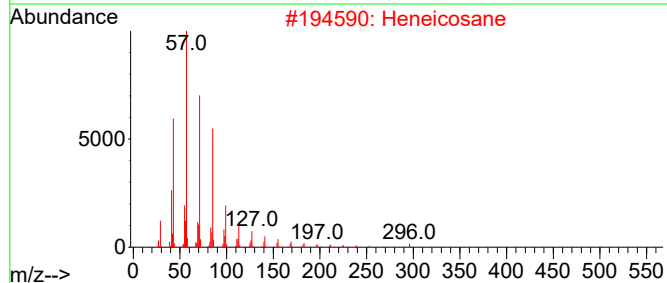
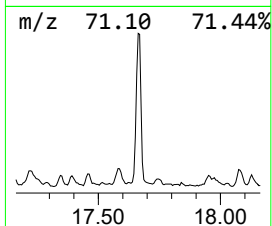
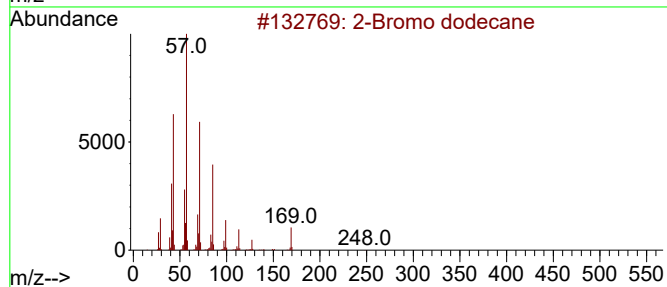
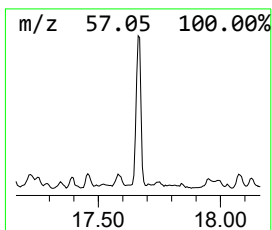
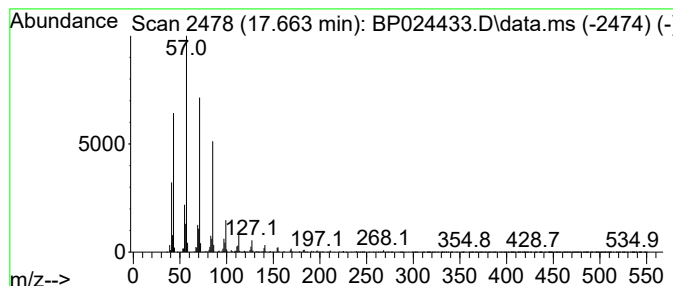
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.663	5.28 ng	614510	Phenanthrene-d10	17.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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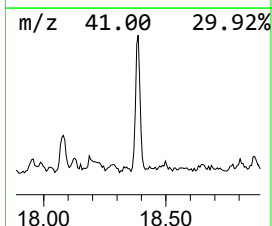
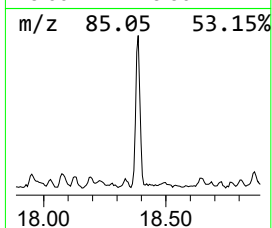
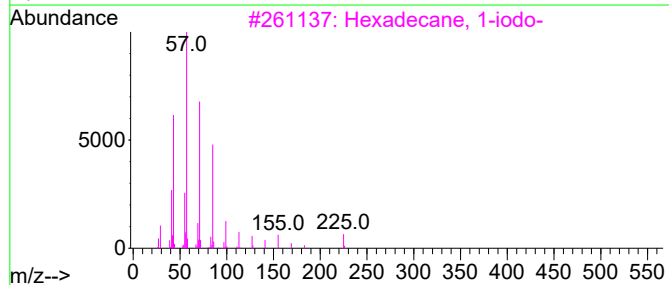
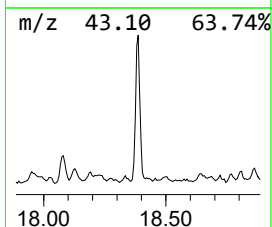
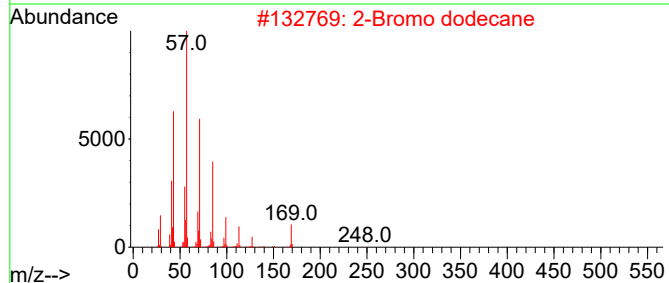
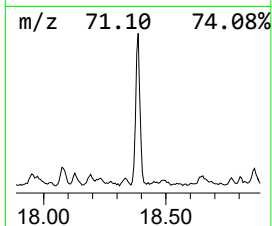
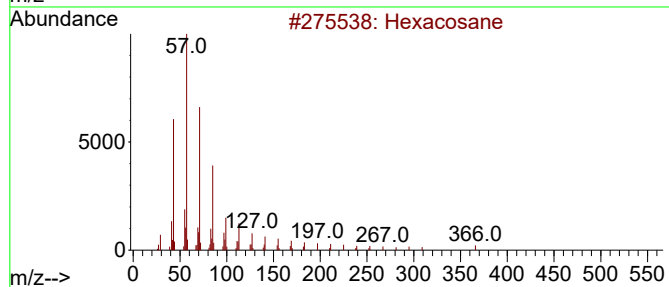
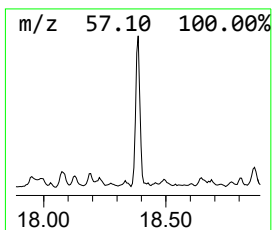
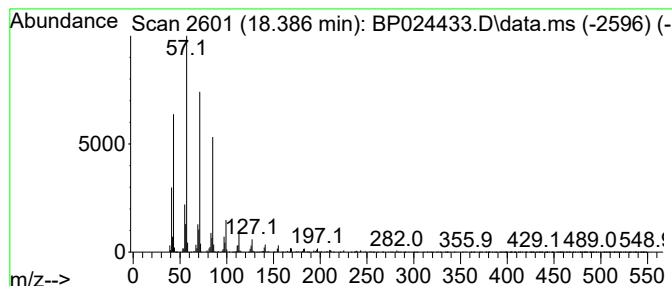
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	4.59 ng	533701	Phenanthrene-d10	17.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	97
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-4-042425

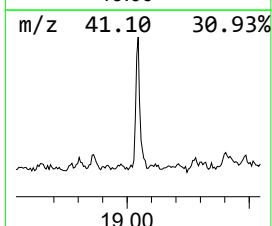
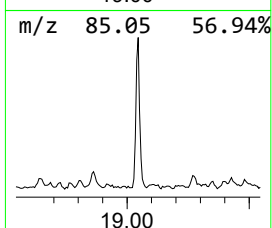
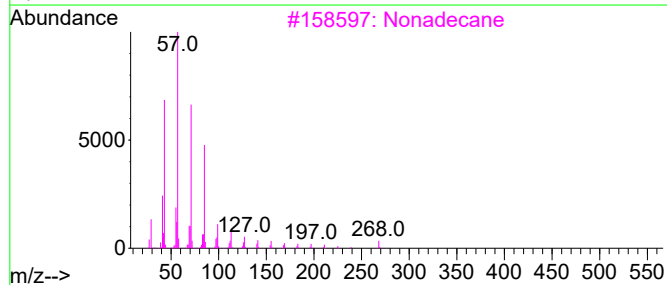
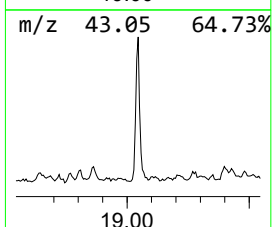
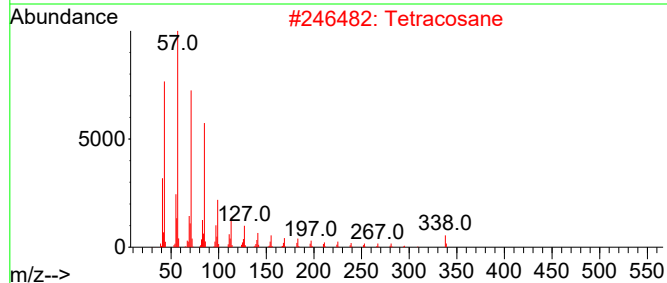
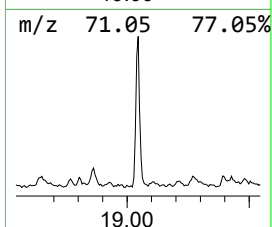
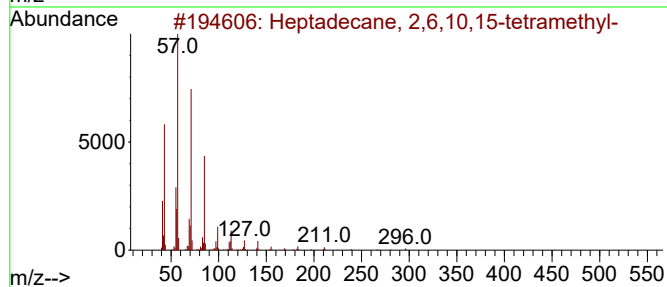
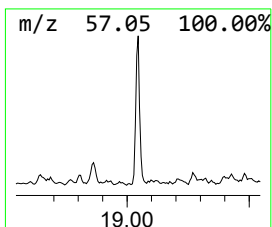
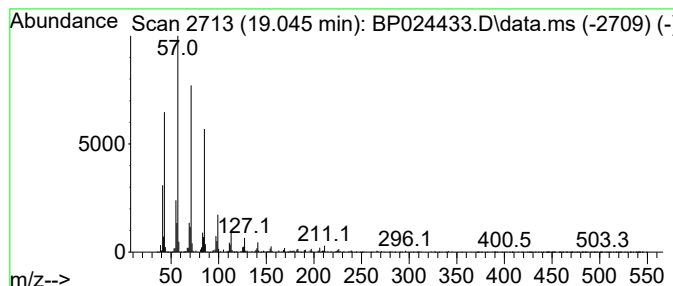
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	4.08 ng	475030	Phenanthrene-d10	17.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2		Tetracosane	338	C24H50	000646-31-1	92
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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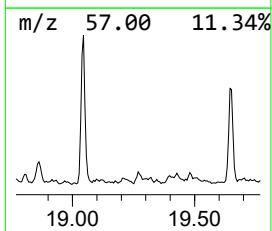
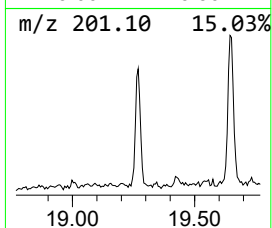
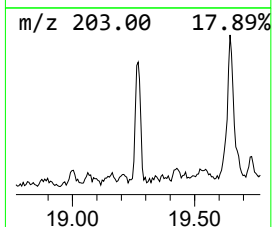
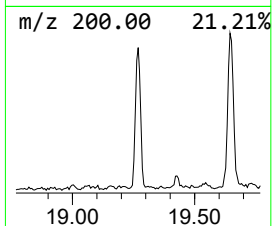
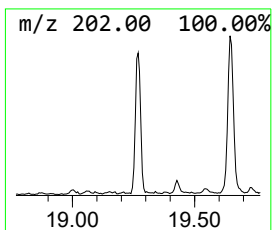
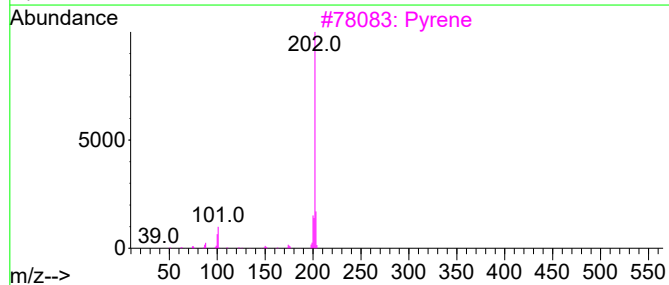
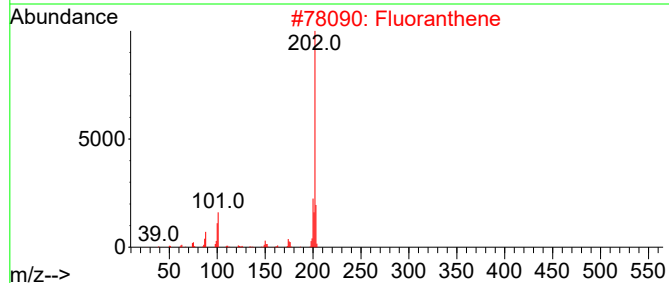
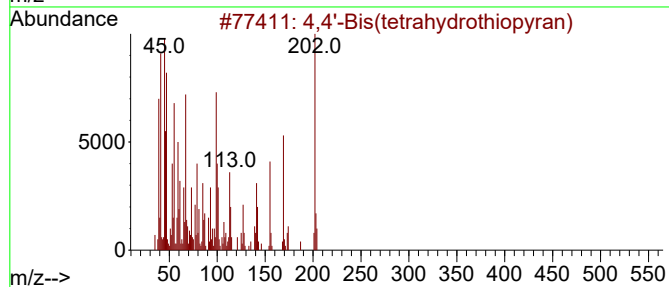
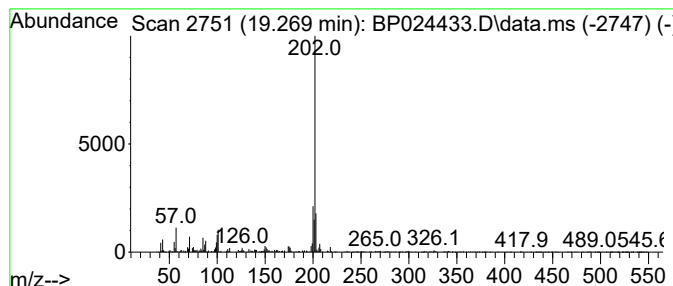
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	2.03 ng	236664	Phenanthrene-d10	17.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	95
2			Fluoranthene	202	C16H10	000206-44-0	93
3			Pyrene	202	C16H10	000129-00-0	76
4			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	68
5			1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024433.D
Acq On : 25 Apr 2025 21:56
Operator : RC/JU
Sample : Q1878-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-4-042425

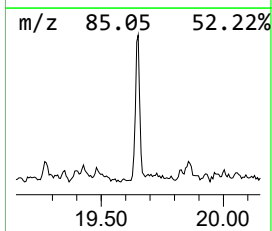
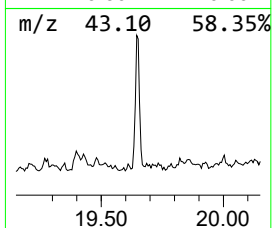
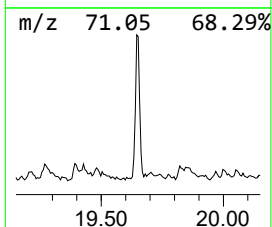
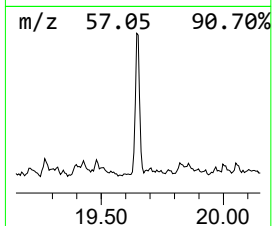
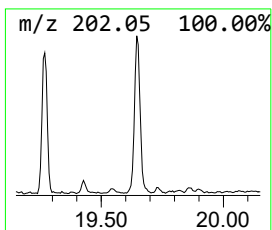
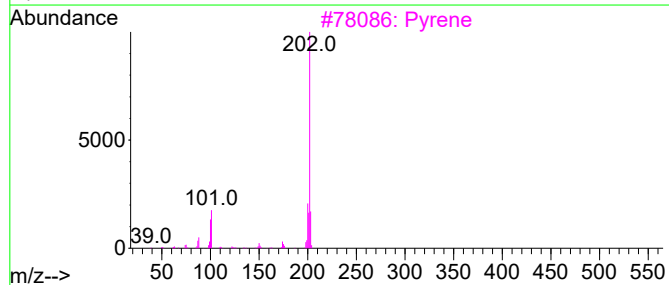
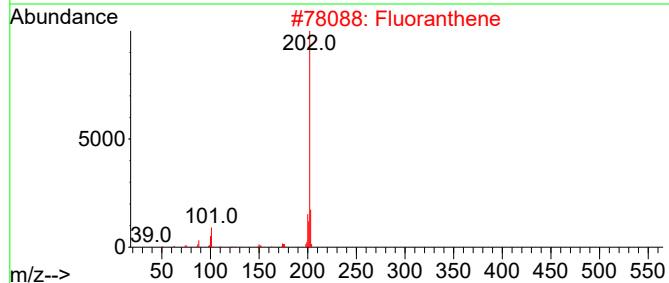
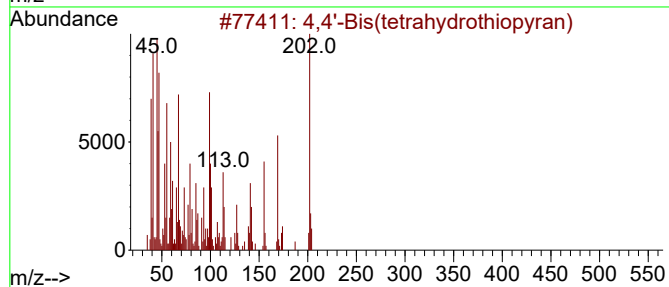
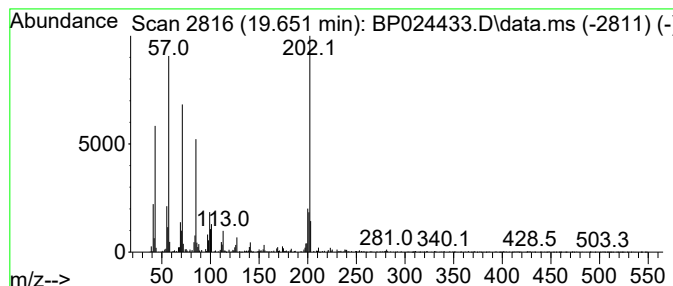
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown19.651 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.651	3.57 ng	444318	Chrysene-d12	21.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	60
2			Fluoranthene	202	C16H10	000206-44-0	50
3			Pyrene	202	C16H10	000129-00-0	50
4			Succinic acid, 2-methylpent-3-yl...	303	C17H21NO4	1000389-81-1	38
5			Succinic acid, 3-methylbut-2-yl ...	289	C16H19NO4	1010389-81-0	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024433.D
 Acq On : 25 Apr 2025 21:56
 Operator : RC/JU
 Sample : Q1878-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-4-042425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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
Tridecane	11.916	5.1	ng	407823	2	10.487	1588910	20.0
Decane, 5-propyl-	12.875	2.1	ng	224890	3	14.345	2120060	20.0
Carbonic acid, ...	13.163	5.3	ng	561386	3	14.345	2120060	20.0
Hexadecane, 2,6...	13.834	2.3	ng	238689	3	14.345	2120060	20.0
Tetradecane	14.245	7.3	ng	779395	3	14.345	2120060	20.0
unknown14.716	14.716	2.0	ng	213239	3	14.345	2120060	20.0
Docosane, 11-bu...	14.881	2.2	ng	233361	3	14.345	2120060	20.0
Hexadecane	15.216	7.3	ng	775649	3	14.345	2120060	20.0
Pentadecane, 2,...	15.628	3.9	ng	415404	3	14.345	2120060	20.0
Benzophenone	15.722	2.1	ng	221244	3	14.345	2120060	20.0
Heptadecane	16.092	8.2	ng	958115	4	17.139	2326500	20.0
Octadecane	16.904	6.3	ng	728299	4	17.139	2326500	20.0
Nonadecane	16.957	3.7	ng	426123	4	17.139	2326500	20.0
2-Bromo dodecane	17.663	5.3	ng	614510	4	17.139	2326500	20.0
Hexacosane	18.386	4.6	ng	533701	4	17.139	2326500	20.0
Heptadecane, 2,...	19.045	4.1	ng	475030	4	17.139	2326500	20.0
4,4'-Bis(tetra...	19.269	2.0	ng	236664	4	17.139	2326500	20.0
unknown19.651	19.651	3.6	ng	444318	5	21.580	2489090	20.0