

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050093.D
 Acq On : 02 May 2025 19:55
 Operator : RC/JU
 Sample : Q1923-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-04302025

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_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050093.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	394	400	417	rBV	1587692	2588866	24.55%	1.102%
2	6.940	659	672	685	rBV	1469336	3004588	28.49%	1.279%
3	7.375	741	746	755	rBV2	406430	770708	7.31%	0.328%
4	7.745	800	809	815	rBV	1615292	2879595	27.30%	1.226%
5	8.298	896	903	907	rVV3	292453	713216	6.76%	0.304%
6	8.387	913	918	925	rBV2	351092	777407	7.37%	0.331%
7	8.851	987	997	1001	rBV2	524293	1067770	10.12%	0.454%
8	8.910	1001	1007	1012	rVV	930344	1870538	17.74%	0.796%
9	8.975	1014	1018	1023	rVB	1303436	1882119	17.85%	0.801%
10	9.104	1035	1040	1045	rVB4	423887	874189	8.29%	0.372%
11	9.204	1045	1057	1060	rBV5	252563	829582	7.87%	0.353%
12	9.463	1098	1101	1107	rVV	506677	807883	7.66%	0.344%
13	9.722	1141	1145	1154	rVB3	450176	1019476	9.67%	0.434%
14	9.822	1160	1162	1167	rVB2	483863	617973	5.86%	0.263%
15	9.892	1169	1174	1178	rBV3	560680	895305	8.49%	0.381%
16	9.945	1178	1183	1185	rBV3	487642	807109	7.65%	0.344%
17	10.075	1200	1205	1209	rBV2	399288	633868	6.01%	0.270%
18	10.175	1218	1222	1228	rVB2	526474	846029	8.02%	0.360%
19	10.245	1229	1234	1238	rBV	398406	650223	6.17%	0.277%
20	10.522	1273	1281	1289	rBV3	3414481	8323436	78.92%	3.542%
21	10.657	1300	1304	1308	rVV2	617637	1214182	11.51%	0.517%
22	10.704	1308	1312	1317	rVV	1148307	1750176	16.59%	0.745%
23	10.763	1317	1322	1330	rVV4	468628	999584	9.48%	0.425%
24	10.951	1345	1354	1359	rBV7	342165	900138	8.53%	0.383%
25	11.010	1359	1364	1372	rVB2	590551	1430027	13.56%	0.609%
26	11.204	1393	1397	1399	rBV2	460129	702441	6.66%	0.299%
27	11.245	1400	1404	1411	rVB6	628522	1288077	12.21%	0.548%
28	11.310	1411	1415	1421	rVB2	474018	916556	8.69%	0.390%
29	11.381	1422	1427	1433	rBV4	833058	1447970	13.73%	0.616%
30	11.457	1434	1440	1447	rBV3	1172444	2198552	20.85%	0.936%
31	11.569	1454	1459	1463	rBV	1599443	2730649	25.89%	1.162%
32	11.651	1469	1473	1479	rVB3	488280	899420	8.53%	0.383%
33	11.733	1482	1487	1495	rVB2	1526910	2651227	25.14%	1.128%
34	11.975	1518	1528	1533	rBV	4088746	7086929	67.19%	3.016%
35	12.098	1545	1549	1554	rVB2	849806	1485397	14.08%	0.632%
36	12.192	1559	1565	1573	rVB5	750207	2016432	19.12%	0.858%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.422	1599	1604	1606	rBV4	429114	767347	7.28%	0.327%
38	12.463	1606	1611	1616	rVV	1960547	3291059	31.20%	1.401%
39	12.510	1616	1619	1622	rVV4	446557	661575	6.27%	0.282%
40	12.610	1629	1636	1639	rVV5	774120	1331261	12.62%	0.567%
41	12.651	1639	1643	1651	rVV3	646031	1417449	13.44%	0.603%
42	12.722	1651	1655	1658	rVV3	819480	1266232	12.01%	0.539%
43	12.786	1662	1666	1672	rVB2	827767	1401678	13.29%	0.597%
44	12.880	1677	1682	1687	rBV4	1066370	1977895	18.75%	0.842%
45	12.933	1687	1691	1696	rVB3	2274657	3151754	29.88%	1.341%
46	13.010	1700	1704	1714	rVB	2649421	4010164	38.02%	1.707%
47	13.092	1715	1718	1724	rVB4	422079	707822	6.71%	0.301%
48	13.175	1725	1732	1734	rBV3	525044	991672	9.40%	0.422%
49	13.222	1735	1740	1747	rVB	5338325	8065314	76.47%	3.433%
50	13.339	1753	1760	1764	rVV2	1234246	2503978	23.74%	1.066%
51	13.386	1764	1768	1772	rVB2	884696	1165537	11.05%	0.496%
52	13.557	1792	1797	1803	rBV5	612298	1260342	11.95%	0.536%
53	13.669	1812	1816	1821	rBV5	630321	1462734	13.87%	0.623%
54	13.763	1829	1832	1836	rVB2	595184	803310	7.62%	0.342%
55	13.857	1844	1848	1849	rBV2	1142322	1247866	11.83%	0.531%
56	13.880	1849	1852	1856	rVV	2397615	3430704	32.53%	1.460%
57	13.922	1856	1859	1863	rVB2	1268419	1612679	15.29%	0.686%
58	14.051	1877	1881	1885	rVB5	388354	626387	5.94%	0.267%
59	14.298	1918	1923	1928	rBV	6436330	8989600	85.23%	3.826%
60	14.398	1931	1940	1946	rVV	3262130	6468336	61.33%	2.753%
61	14.763	1995	2002	2005	rBV4	692638	1589217	15.07%	0.676%
62	14.804	2005	2009	2014	rVB2	1255348	1784071	16.92%	0.759%
63	14.857	2015	2018	2025	rBV2	452854	1065012	10.10%	0.453%
64	14.921	2025	2029	2037	rVB4	1709765	2919438	27.68%	1.243%
65	14.986	2037	2040	2043	rBV	586094	741994	7.04%	0.316%
66	15.251	2081	2085	2090	rVB	6413100	8499083	80.58%	3.617%
67	15.351	2099	2102	2112	rVB5	686865	1463159	13.87%	0.623%
68	15.439	2114	2117	2121	rBV3	496893	680190	6.45%	0.289%
69	15.663	2149	2155	2159	rVB	2788485	4531487	42.96%	1.929%
70	15.757	2167	2171	2176	rVB4	1402860	2123010	20.13%	0.904%
71	15.810	2176	2180	2186	rBV3	955384	1752000	16.61%	0.746%
72	15.892	2192	2194	2201	rVB2	1921922	2466100	23.38%	1.050%
73	15.957	2202	2205	2209	rBV4	351742	581286	5.51%	0.247%
74	16.116	2227	2232	2235	rBV	6894333	10547000	100.00%	4.489%
75	16.457	2286	2290	2293	rBV2	634495	875827	8.30%	0.373%
76	16.721	2332	2335	2338	rVB2	543915	638659	6.06%	0.272%

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77	16.910	2362	2367	2371	rBV	5973735	7752738	73.51%	3.300%
78	16.957	2371	2375	2385	rVB	2921804	5206258	49.36%	2.216%
79	17.145	2402	2407	2411	rBV	3310380	4710706	44.66%	2.005%
80	17.186	2411	2414	2422	rVB	1163393	1962654	18.61%	0.835%
81	17.280	2427	2430	2435	rVV	683210	985204	9.34%	0.419%
82	17.333	2436	2439	2443	rVV3	509456	889704	8.44%	0.379%
83	17.374	2444	2446	2452	rVV2	615996	915809	8.68%	0.390%
84	17.445	2455	2458	2464	rVV3	682506	1022022	9.69%	0.435%
85	17.562	2474	2478	2484	rVV3	898062	1660704	15.75%	0.707%
86	17.645	2487	2492	2497	rVB	5630924	6963327	66.02%	2.964%
87	17.921	2536	2539	2544	rBV3	430643	704495	6.68%	0.300%
88	18.339	2605	2610	2614	rBV	4607097	5725429	54.28%	2.437%
89	18.804	2686	2689	2695	rVB2	459473	809581	7.68%	0.345%
90	18.968	2714	2717	2722	rVB	3318142	3964463	37.59%	1.687%
91	19.204	2752	2757	2764	rBV	2545148	3616734	34.29%	1.539%
92	19.551	2812	2816	2828	rVB2	2992997	6558398	62.18%	2.791%
93	19.768	2849	2853	2858	rVB	3411776	3938320	37.34%	1.676%
94	20.086	2903	2907	2911	rVB	1623217	2042426	19.36%	0.869%
95	20.580	2987	2991	2995	rBV	1025612	1097368	10.40%	0.467%
96	21.056	3070	3072	3083	rVB4	611978	970508	9.20%	0.413%
97	21.386	3121	3128	3132	rBV2	2760267	5257345	49.85%	2.238%
98	21.427	3132	3135	3146	rVB	993671	1557293	14.77%	0.663%
99	21.574	3156	3160	3163	rBV	434667	572713	5.43%	0.244%
100	24.380	3630	3637	3645	rBV	1564037	3631077	34.43%	1.545%

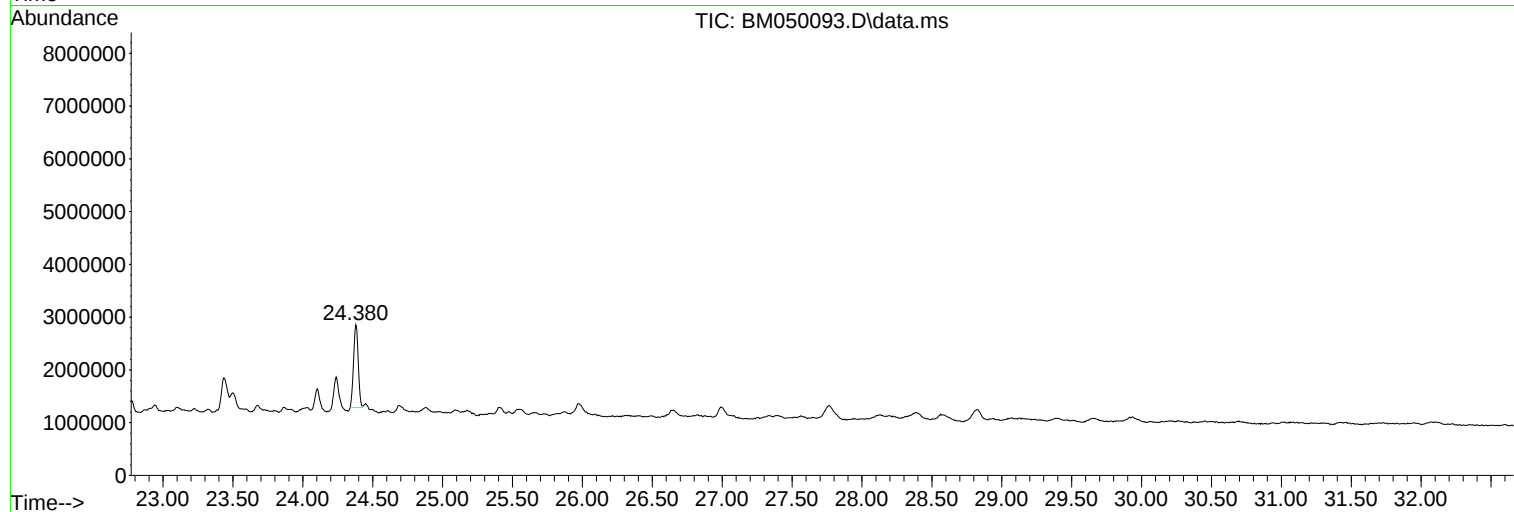
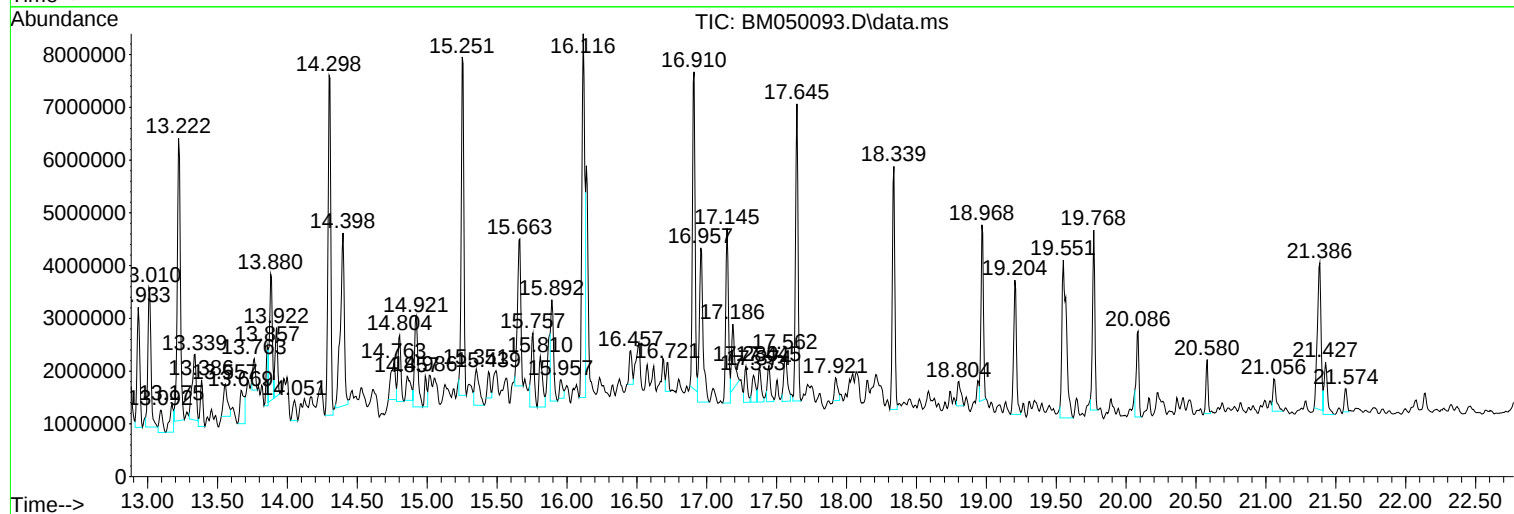
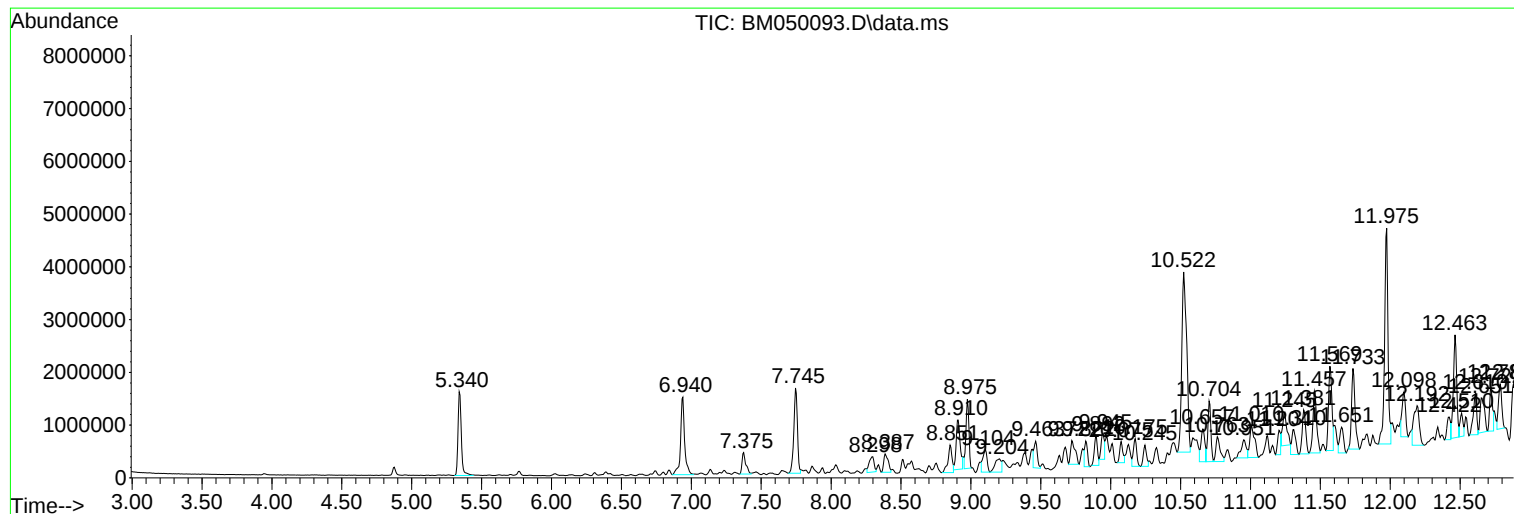
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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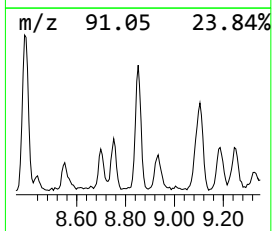
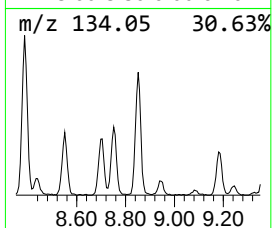
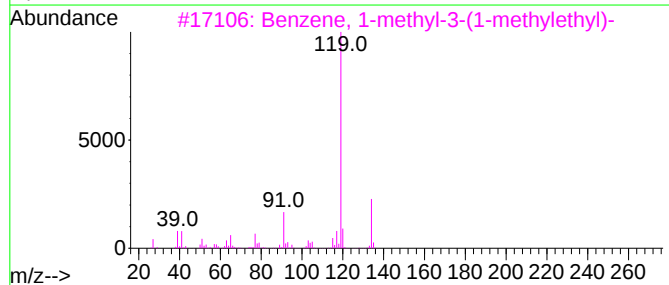
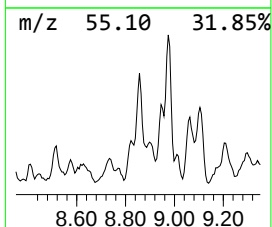
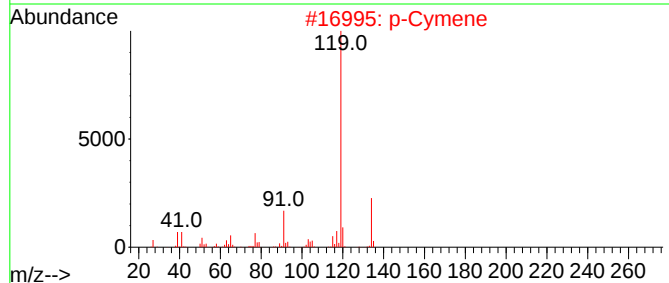
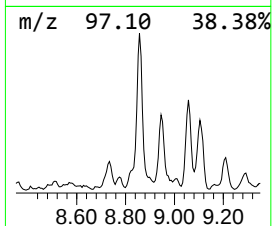
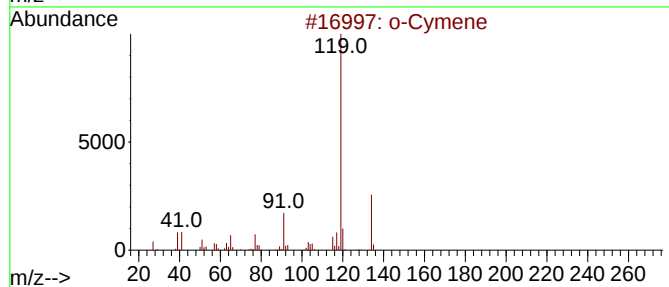
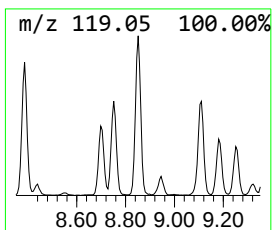
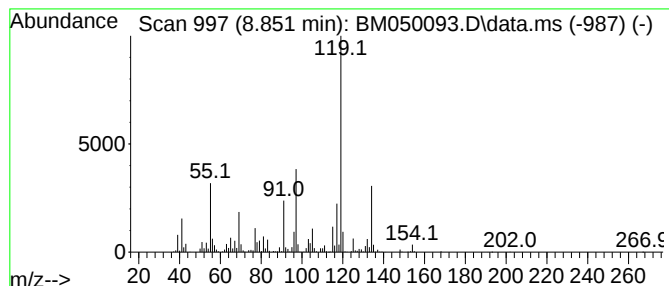
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 o-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	7.42 ng	1067770	1,4-Dichlorobenzene-d4	7.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	91
2			p-Cymene	134	C10H14	000099-87-6	90
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70



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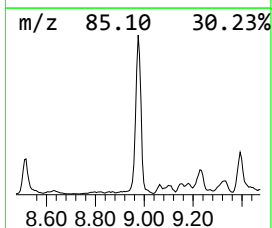
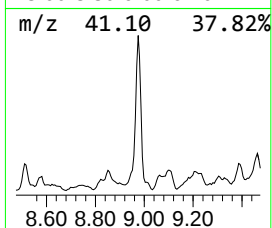
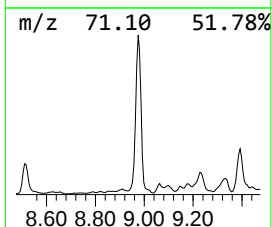
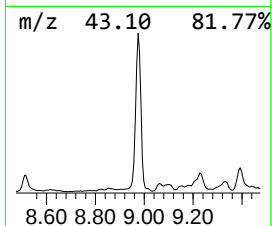
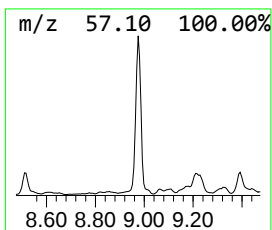
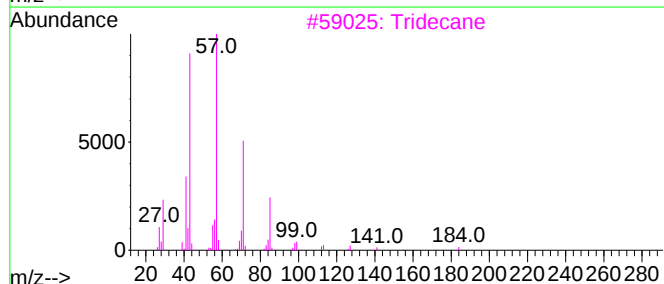
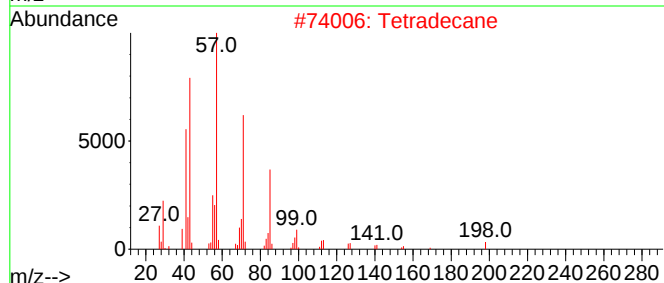
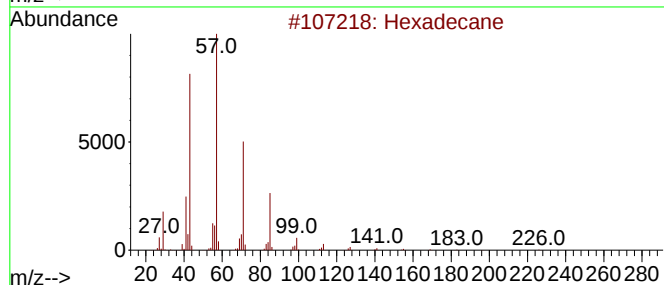
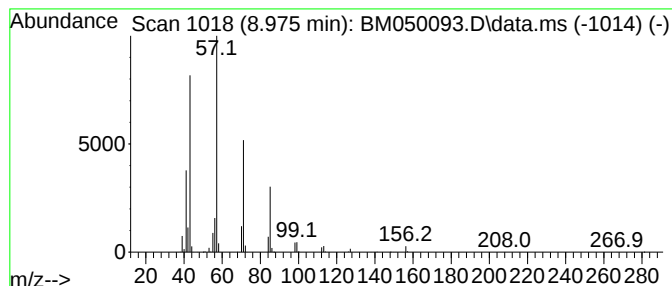
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.975	13.07 ng	1882120	1,4-Dichlorobenzene-d4	7.745

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	86
4		Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	83
5		Undecane	156	C11H24	001120-21-4	76



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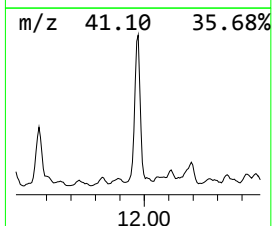
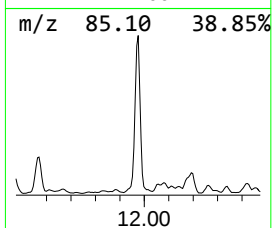
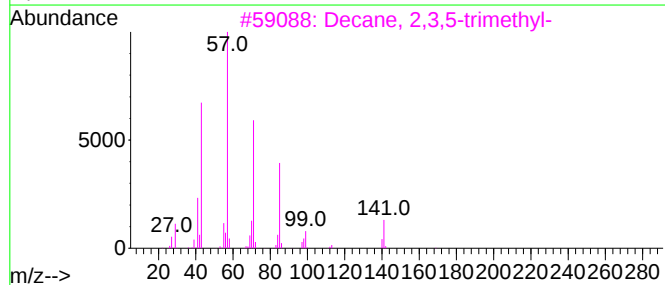
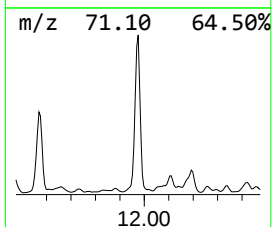
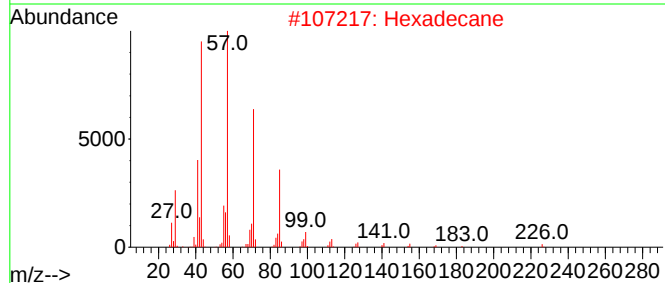
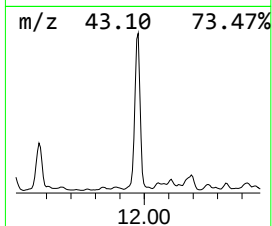
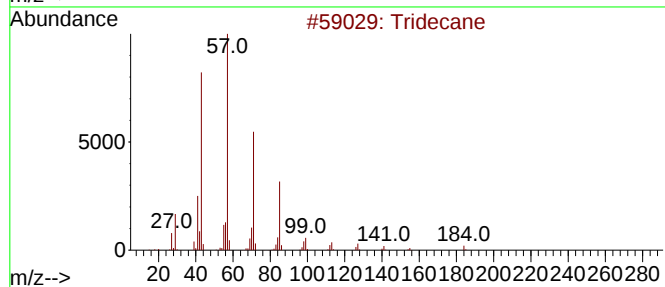
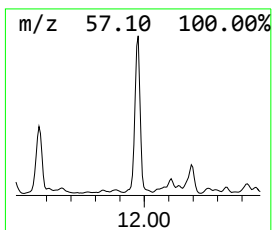
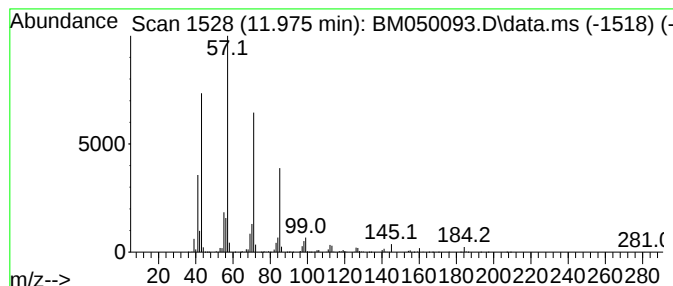
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	17.03 ng	7086930	Naphthalene-d8	10.539

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			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	78
5			Dodecane	170	C12H26	000112-40-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-04302025

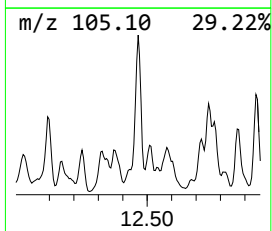
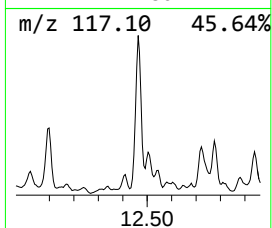
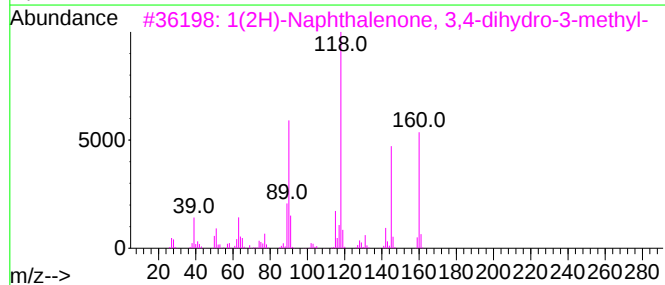
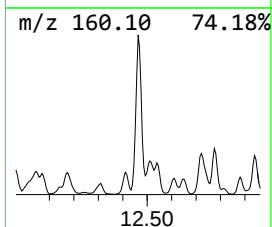
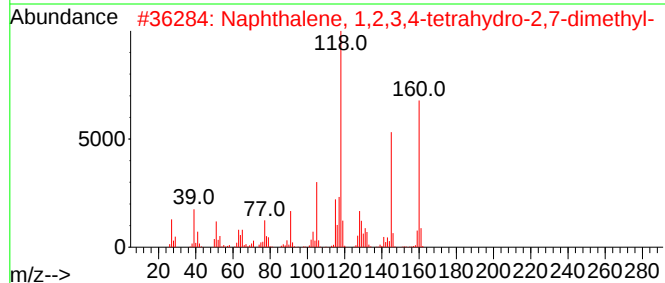
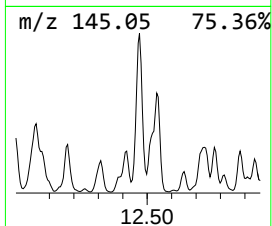
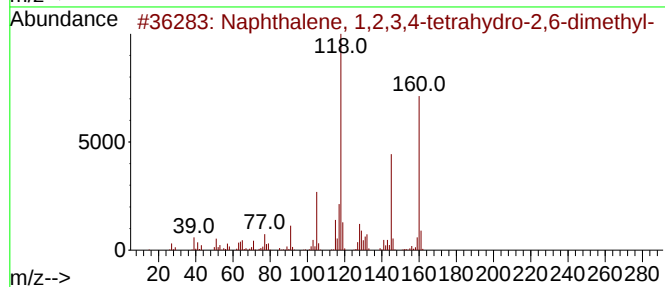
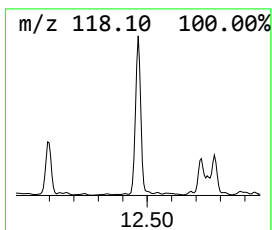
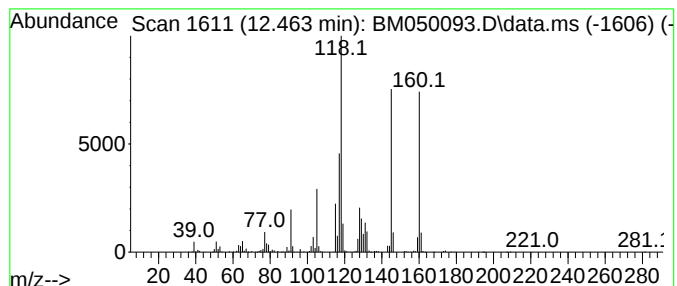
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	7.91 ng	3291060	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
3			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	74
4			Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	64
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-04302025

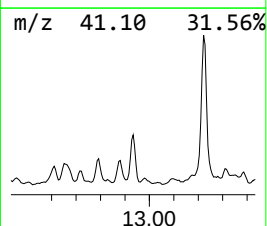
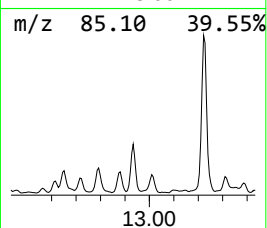
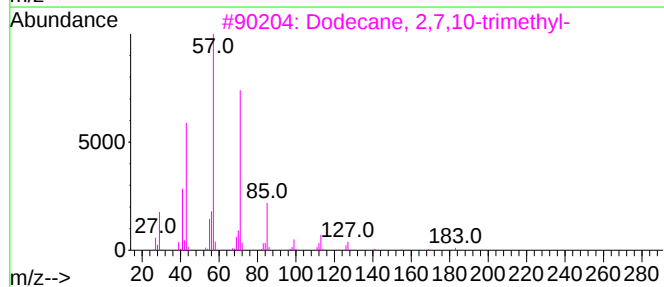
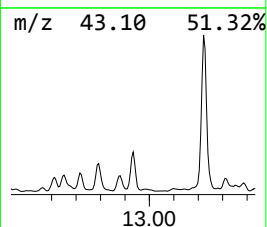
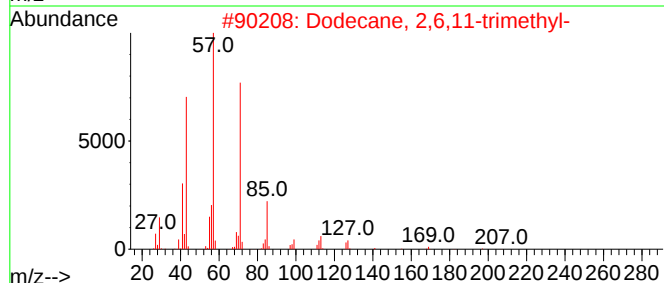
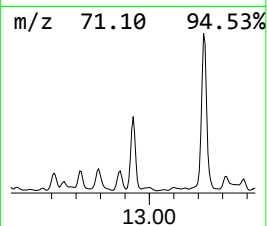
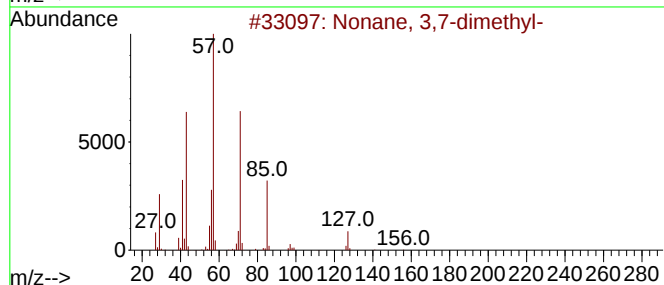
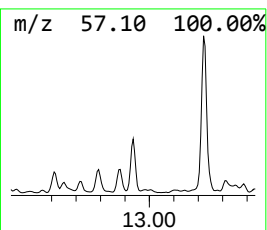
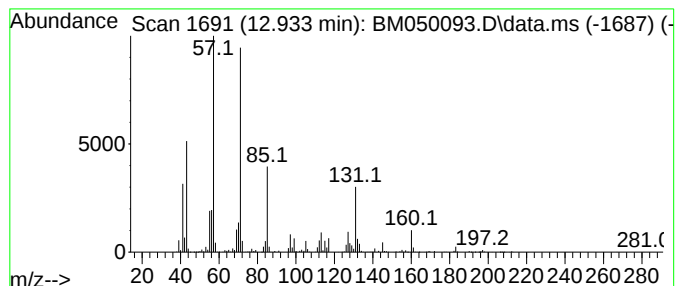
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 3,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.933	9.75 ng	3151750	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-04302025

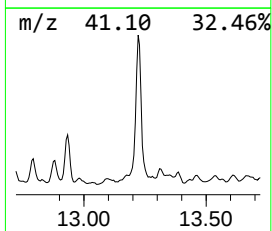
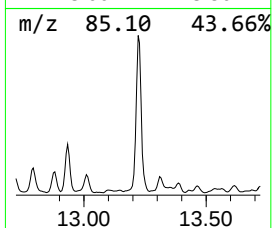
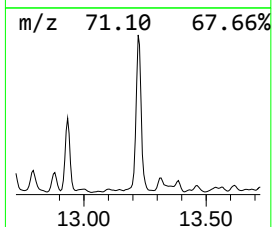
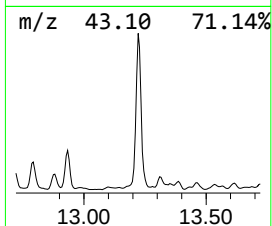
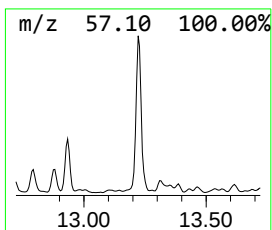
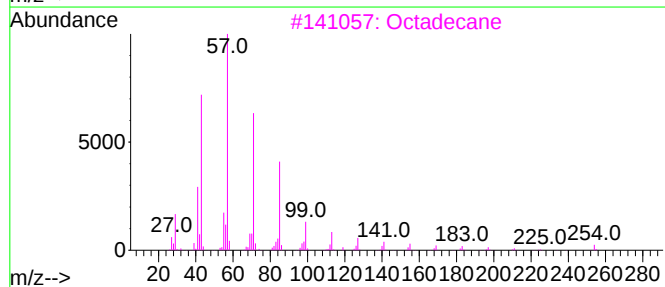
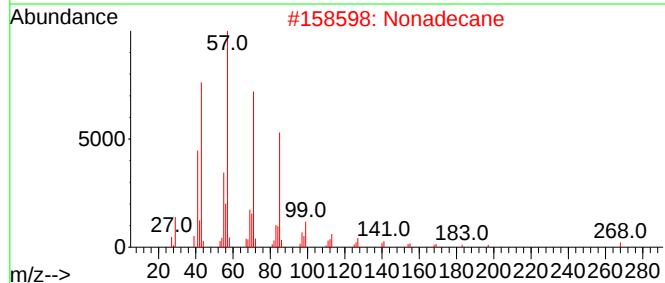
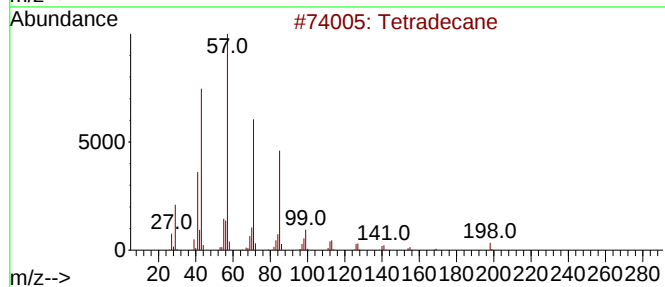
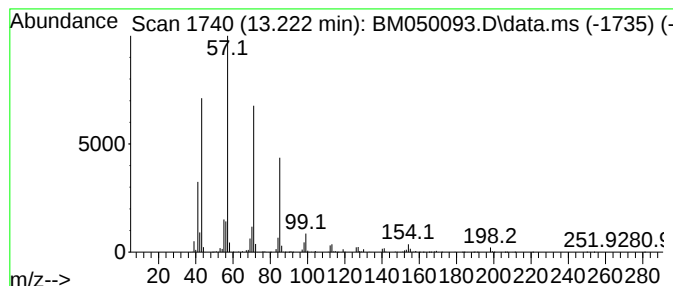
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	24.94 ng	8065310	Acenaphthene-d10	14.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Nonadecane	268	C19H40	000629-92-5	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-04302025

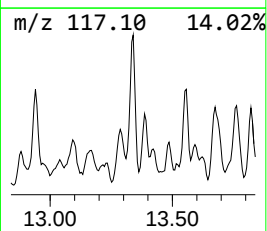
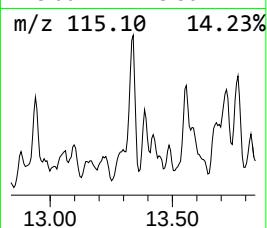
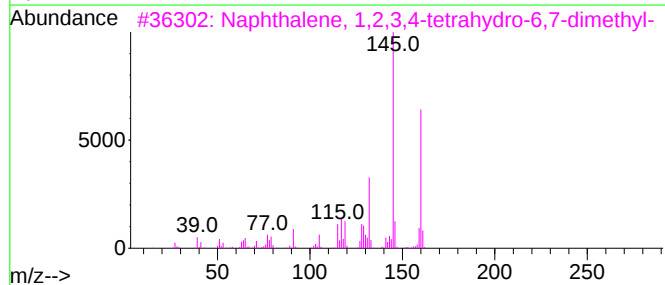
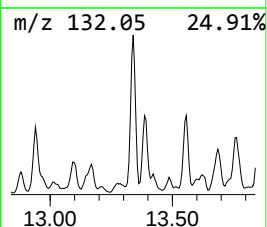
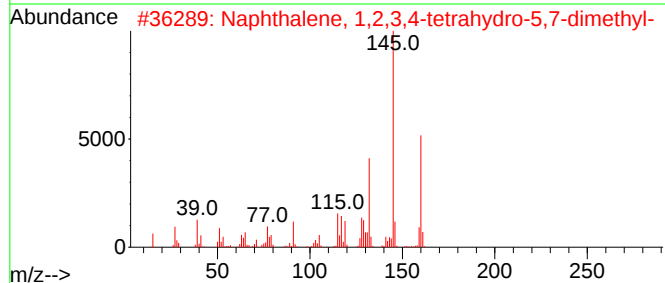
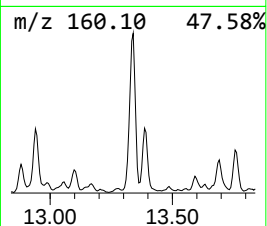
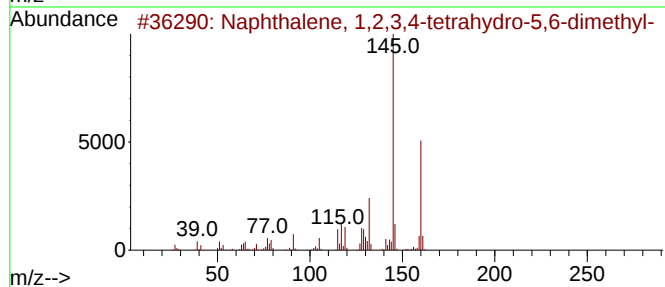
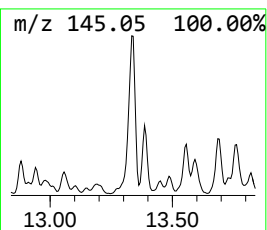
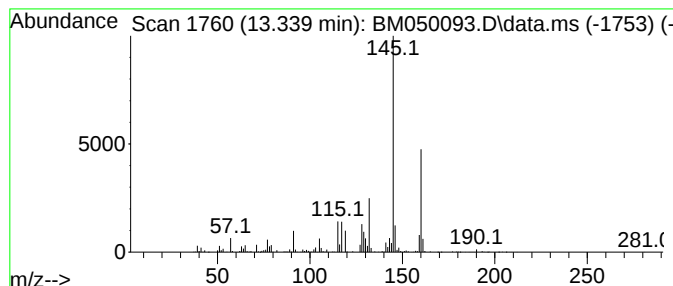
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.339	7.74 ng	2503980	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
5			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-04302025

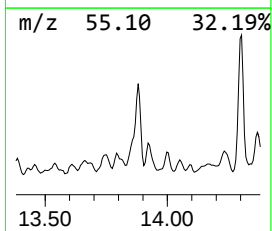
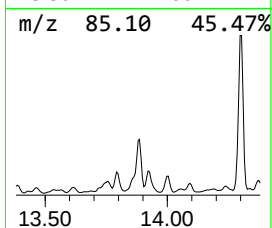
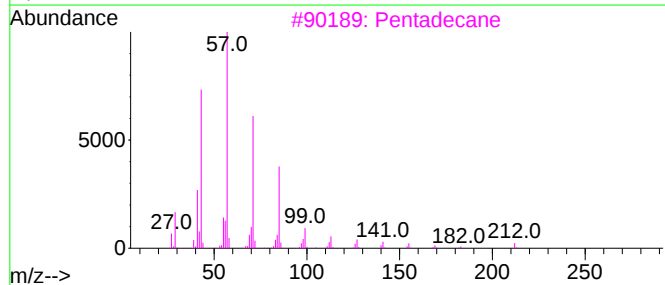
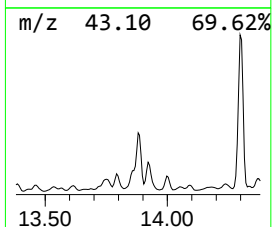
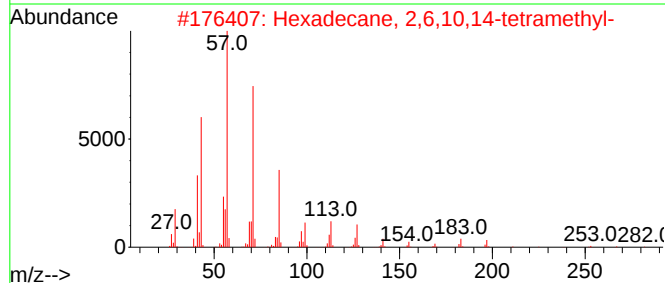
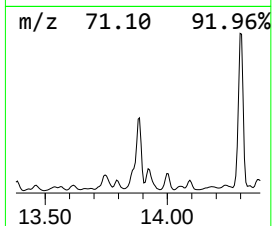
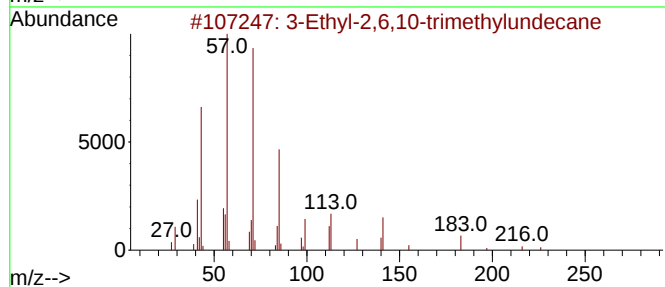
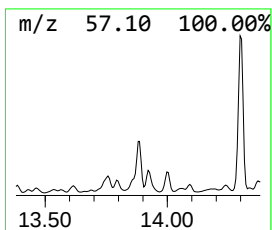
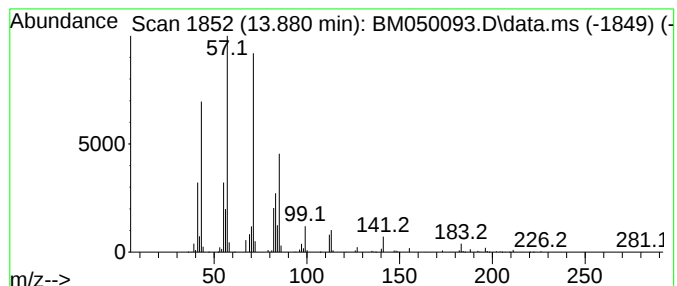
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3-Ethyl-2,6,10-trimethylund... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	10.61 ng	3430700	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3			Pentadecane	212	C15H32	000629-62-9	68
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			Carbonic acid, 2-ethylhexyl tetr...	370	C23H46O3	1010383-14-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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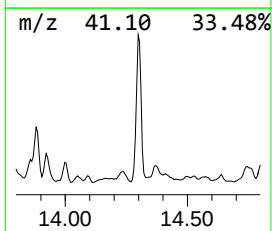
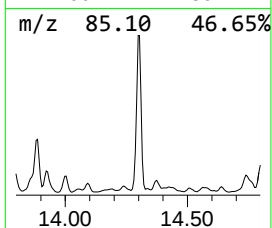
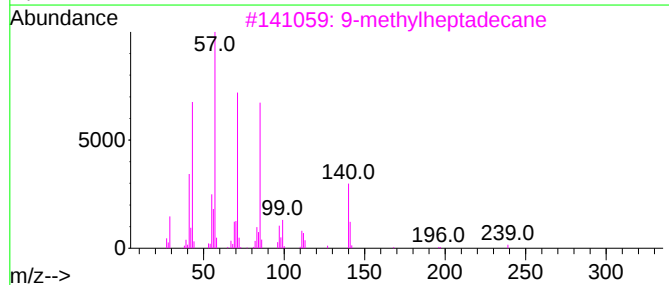
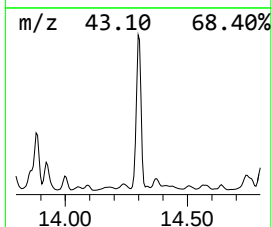
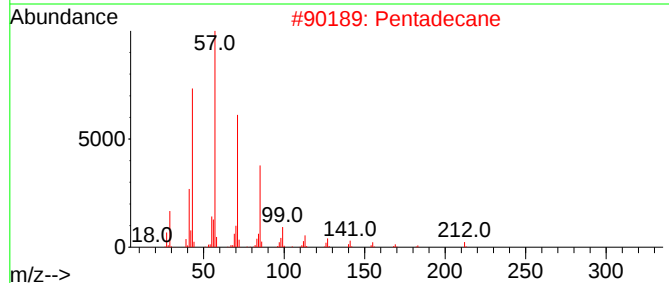
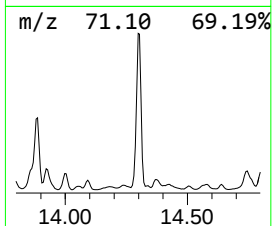
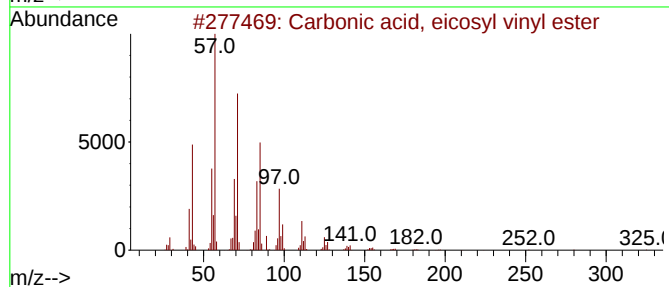
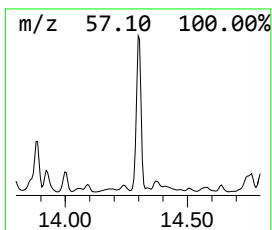
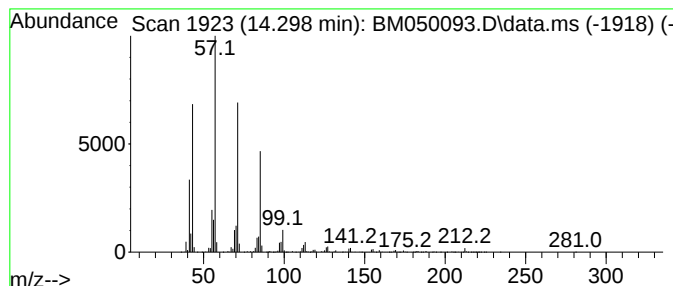
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Carbonic acid, eicosyl vinyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	27.80 ng	8989600	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			9-methylheptadecane	254	C18H38	026741-18-4	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-04302025

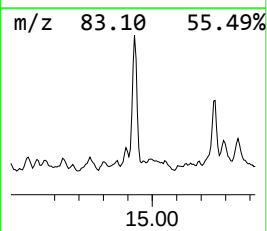
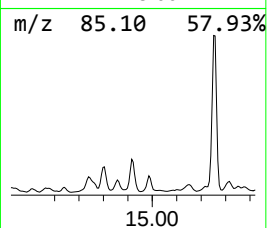
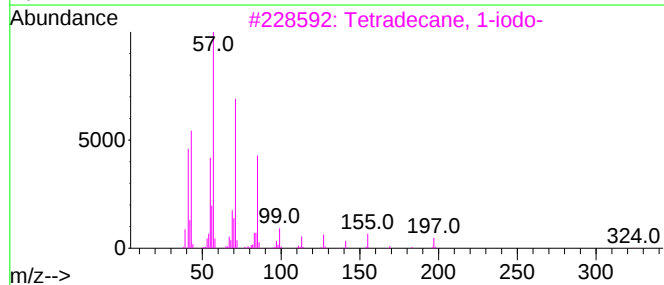
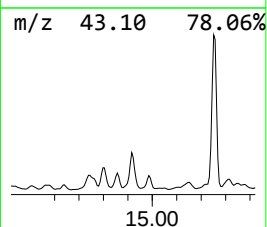
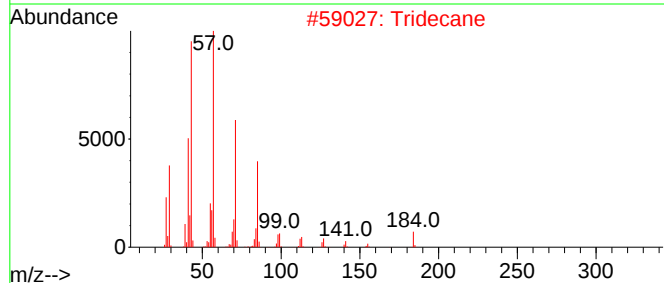
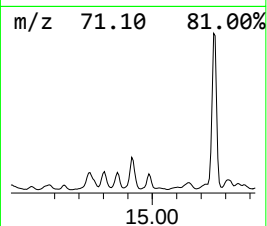
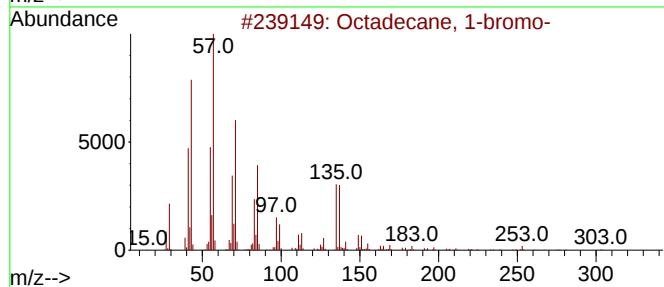
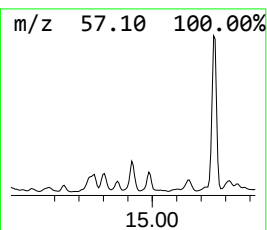
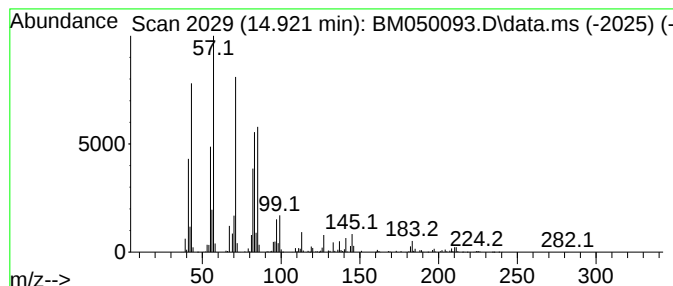
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane, 1-bromo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	9.03 ng	2919440	Acenaphthene-d10	14.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	68
2		Tridecane	184	C13H28	000629-50-5	64
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4		Nonadecane	268	C19H40	000629-92-5	58
5		Octacosane	394	C28H58	000630-02-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

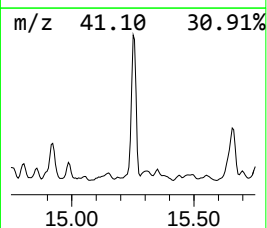
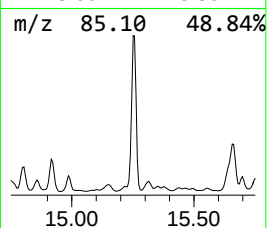
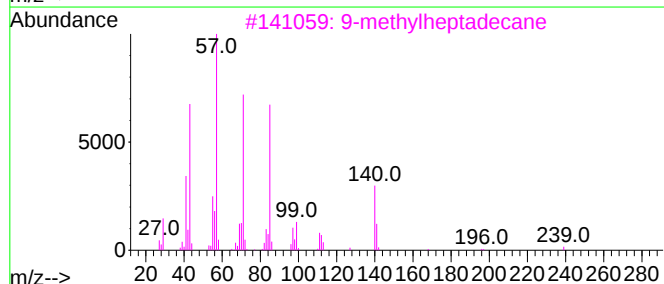
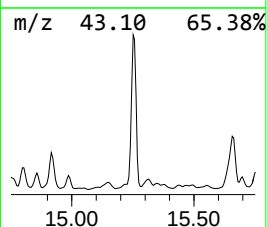
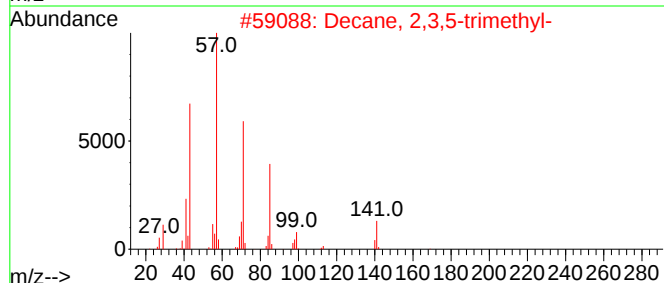
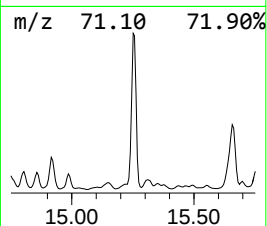
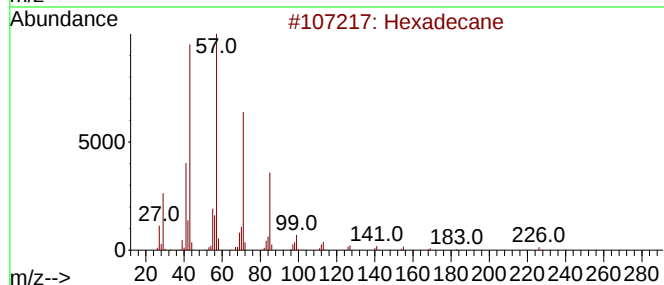
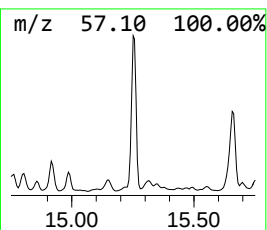
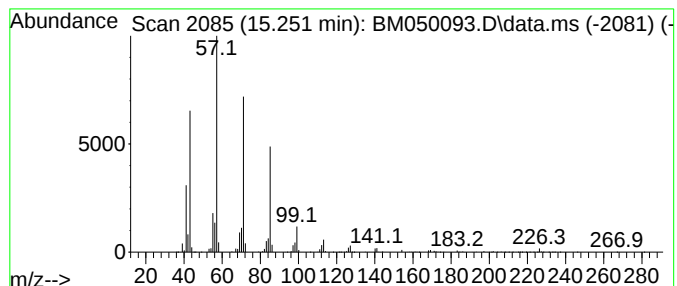
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.251	26.28 ng	8499080	Acenaphthene-d10		14.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	93
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	90
3	9-methylheptadecane		254	C18H38	026741-18-4	90
4	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	90
5	Tetradecane		198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
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Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

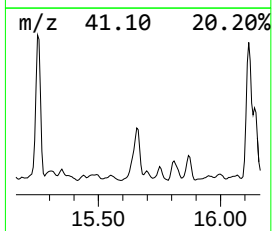
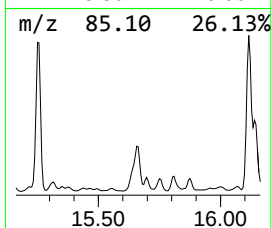
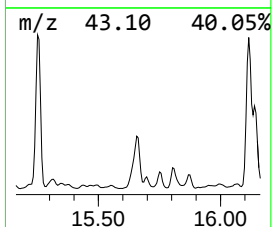
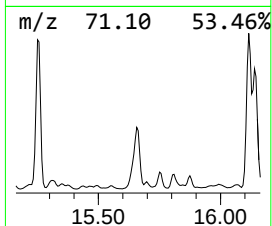
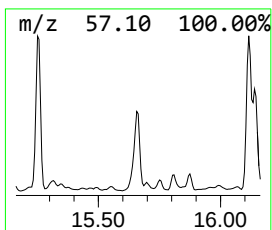
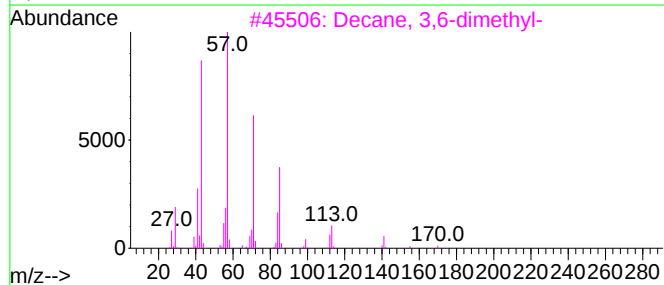
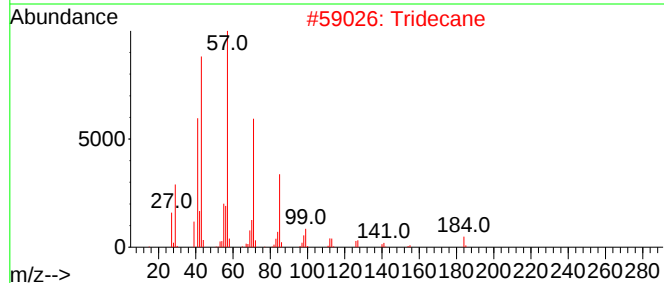
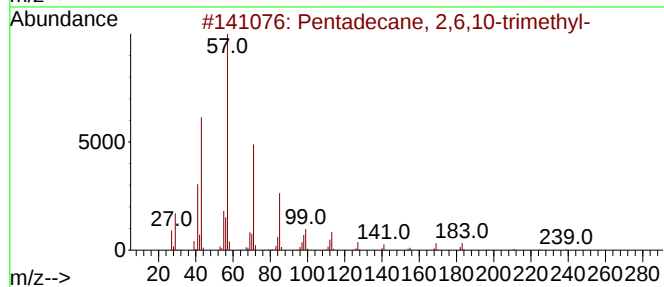
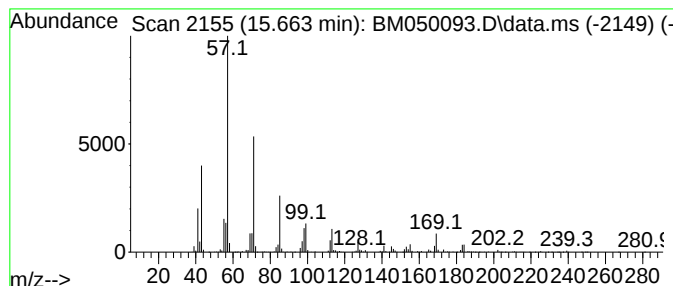
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.663	14.01 ng	4531490	Acenaphthene-d10			14.398
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	95
2	Tridecane		184	C13H28	000629-50-5	68
3	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	68
4	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	68
5	2-Bromo dodecane		248	C12H25Br	013187-99-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

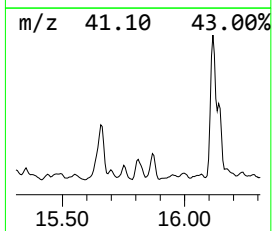
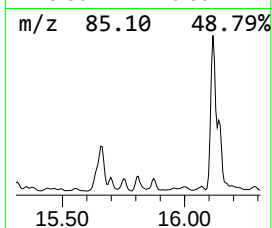
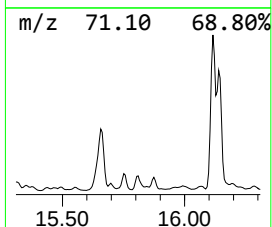
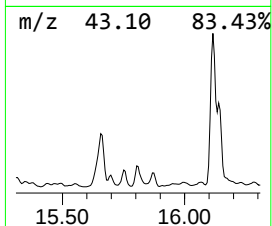
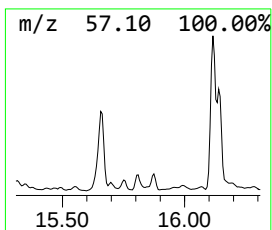
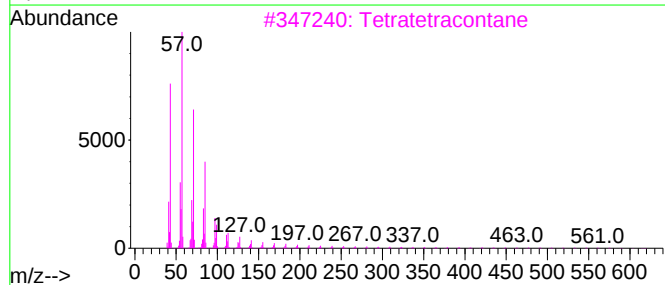
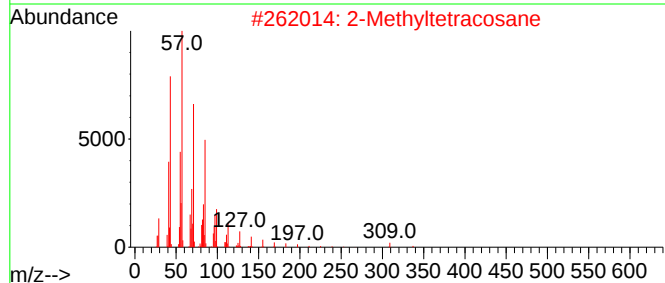
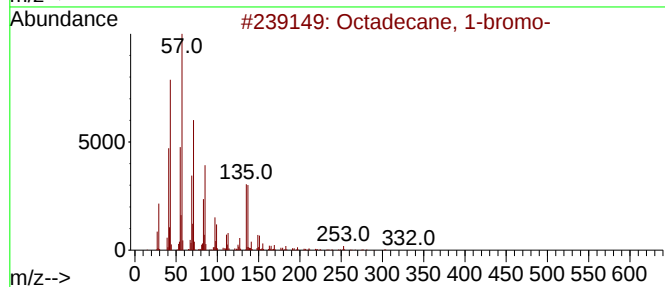
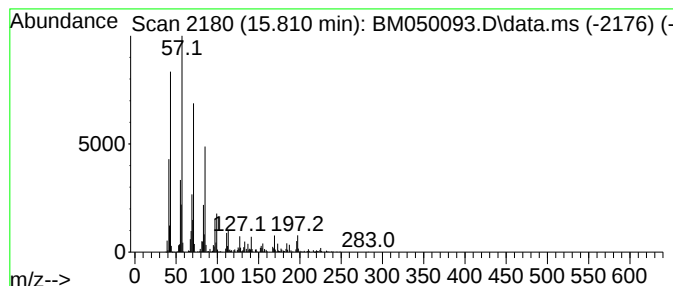
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Methyltetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.810	7.44 ng	1752000	Phenanthrene-d10		17.145	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 1-bromo-		332	C18H37Br	000112-89-0	91
2	2-Methyltetracosane		352	C25H52	001560-78-7	91
3	Tetratetracontane		619	C44H90	007098-22-8	91
4	2-Bromo dodecane		248	C12H25Br	013187-99-0	89
5	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
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Misc :
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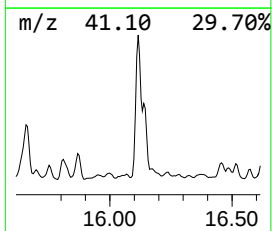
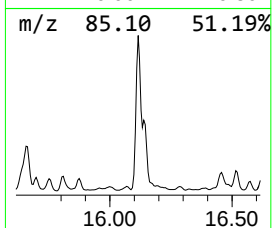
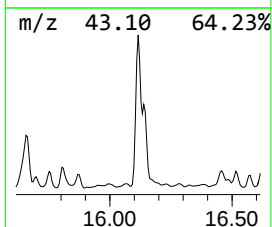
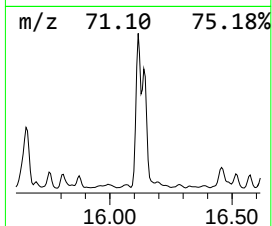
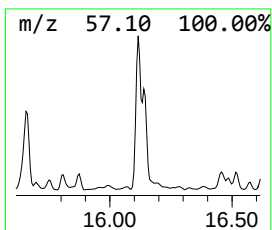
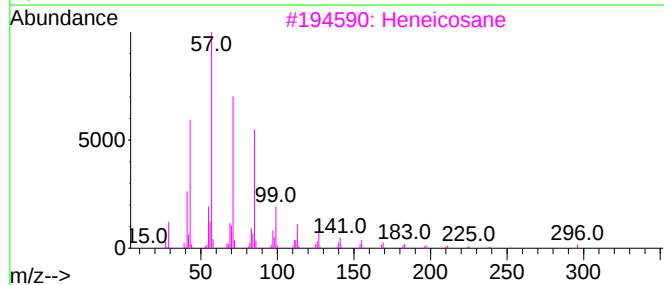
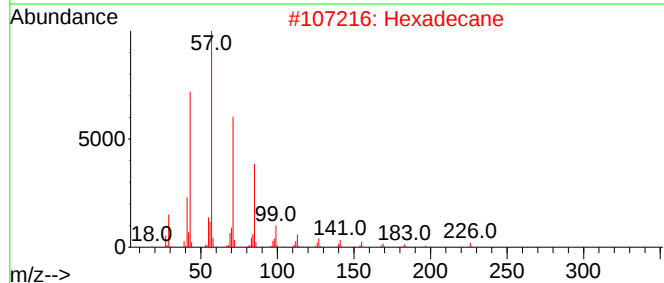
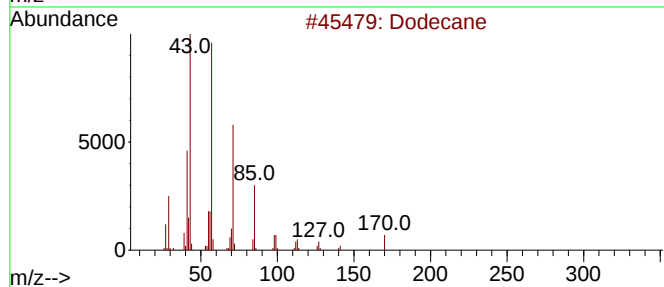
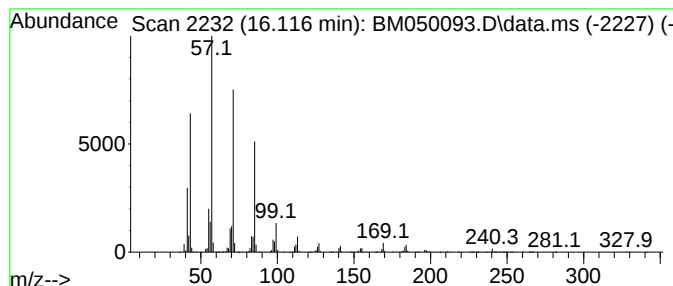
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	44.78 ng	10547000	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Nonadecane	268	C19H40	000629-92-5	87
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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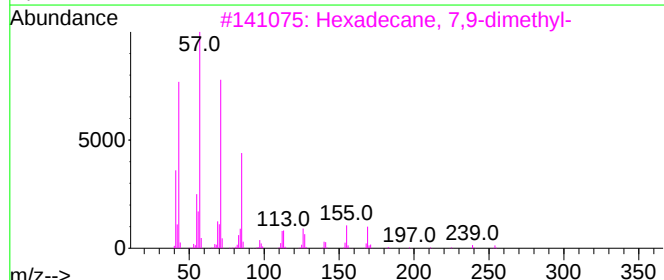
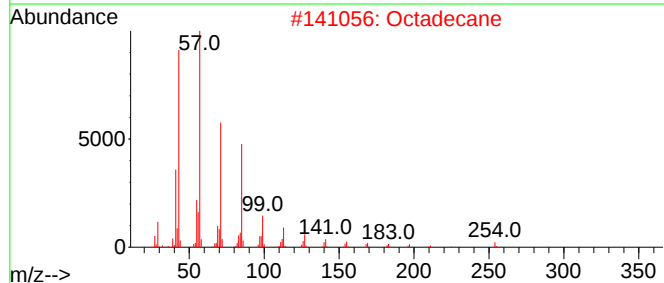
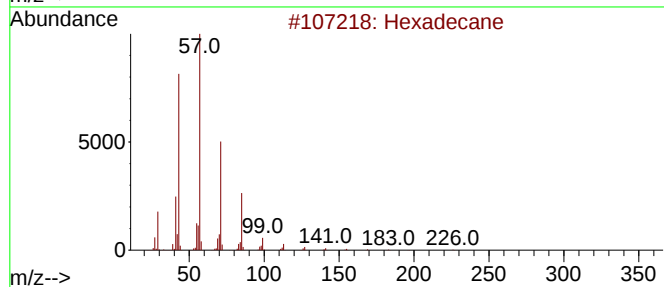
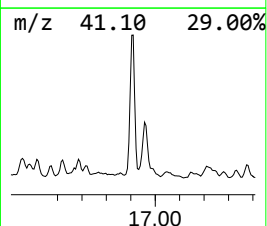
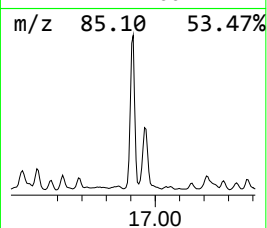
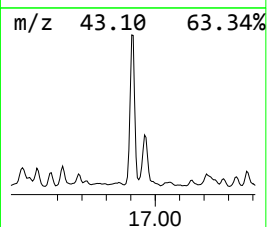
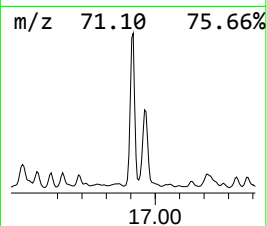
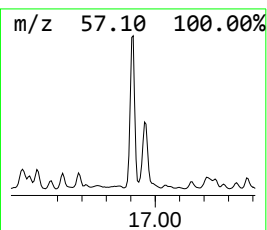
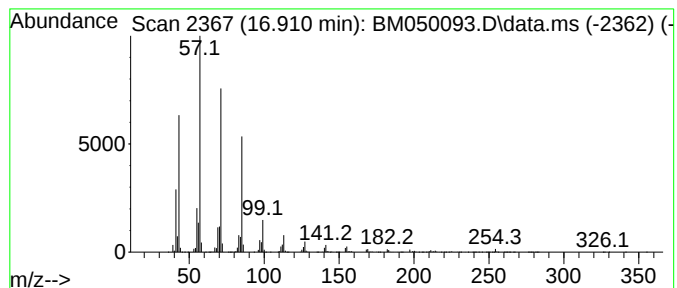
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	32.92 ng	7752740	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Octadecane	254	C18H38	000593-45-3	89
3			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
4			Tetradecane	198	C14H30	000629-59-4	87
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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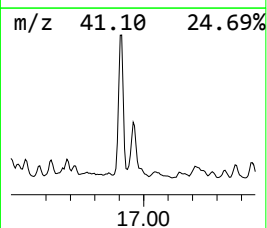
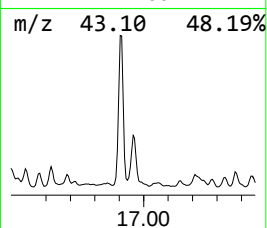
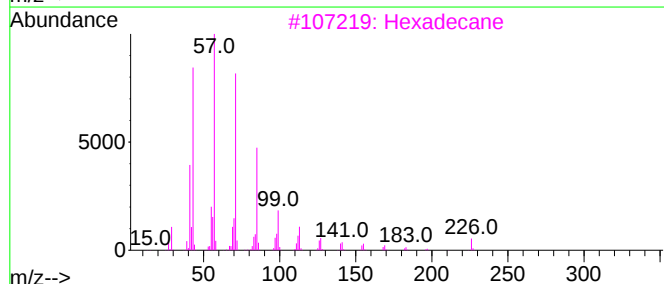
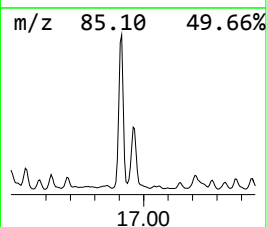
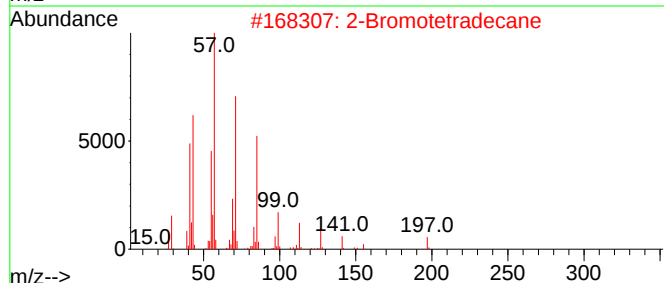
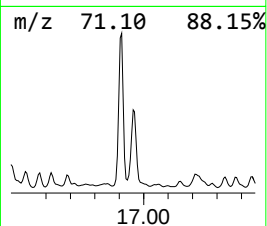
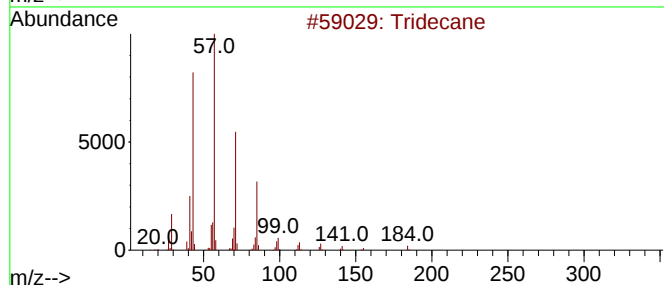
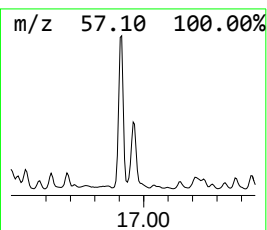
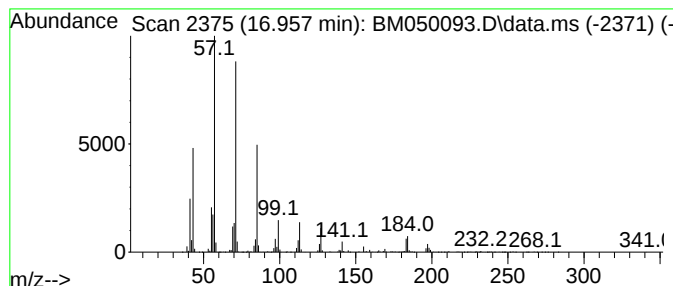
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Bromotetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.957	22.10 ng	5206260	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3			Hexadecane	226	C16H34	000544-76-3	87
4			Tetracosane	338	C24H50	000646-31-1	86
5			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

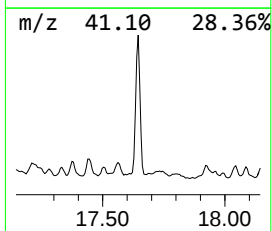
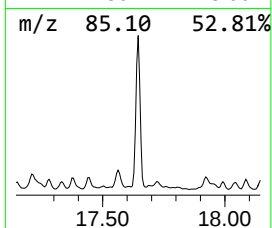
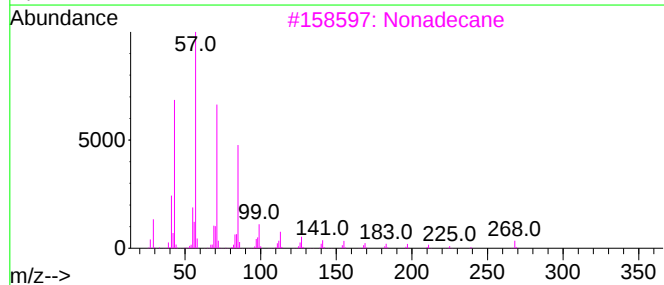
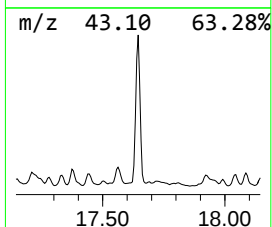
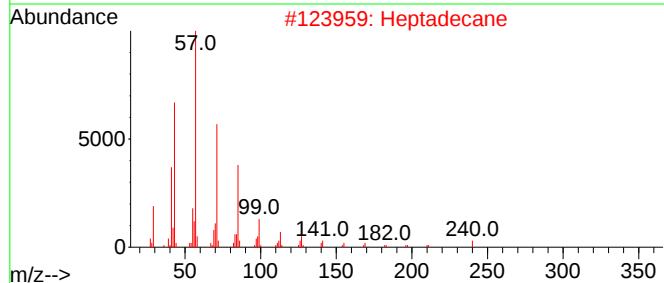
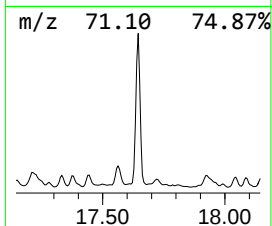
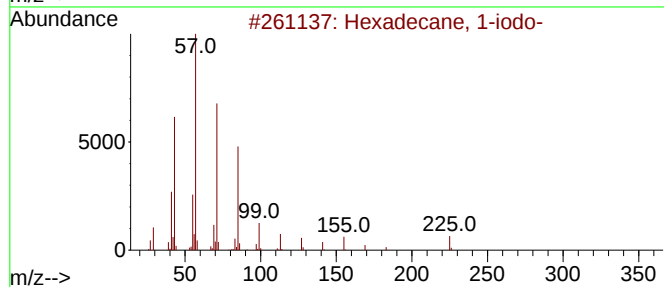
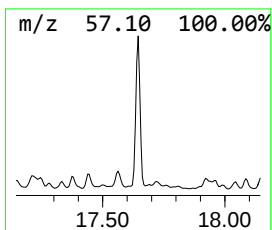
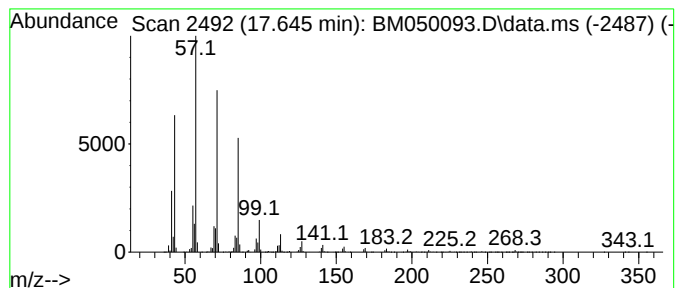
Instrument :
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ClientSampleId :
TR-05-04302025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.645	29.56 ng	6963330	Phenanthrene-d10		17.145	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
5	Decane, 1-iodo-		268	C10H21I	002050-77-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

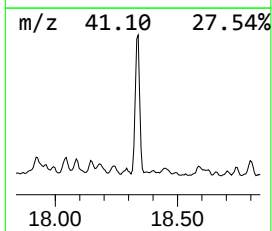
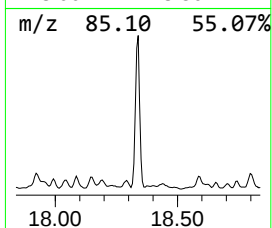
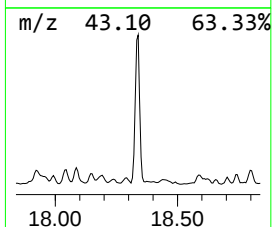
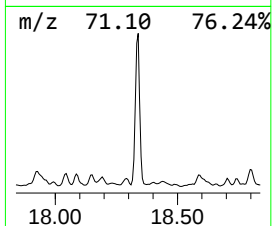
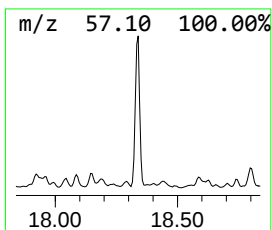
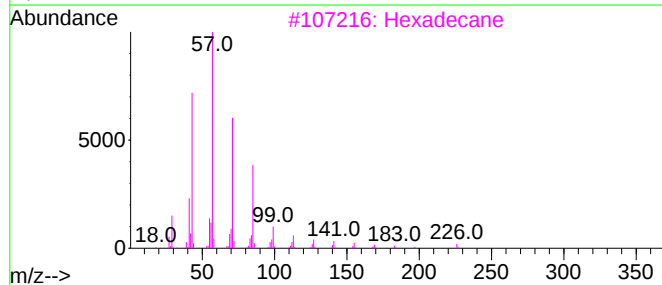
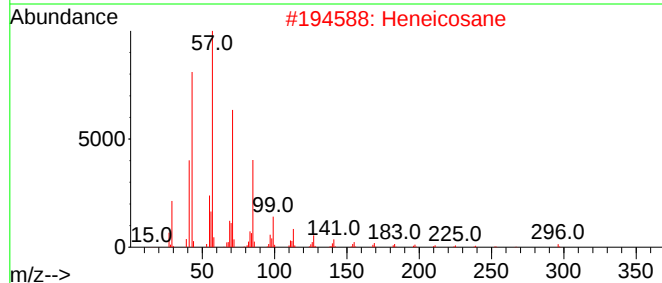
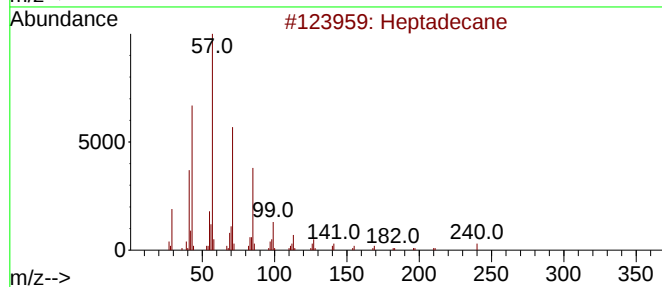
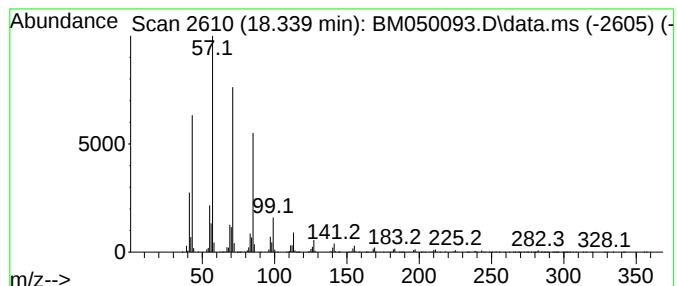
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ClientSampleId :
TR-05-04302025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.339	24.31 ng	5725430	Phenanthrene-d10		17.145	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexadecane		226	C16H34	000544-76-3	91
4	Eicosane		282	C20H42	000112-95-8	91
5	Nonadecane		268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

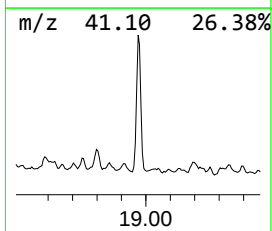
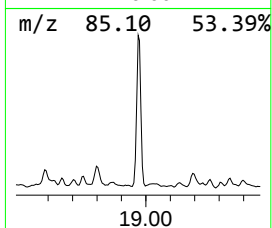
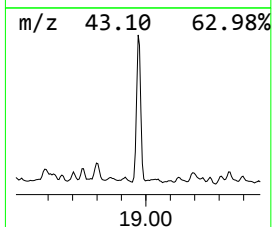
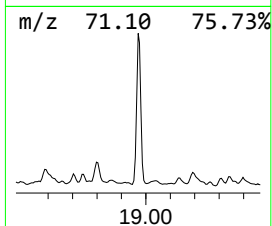
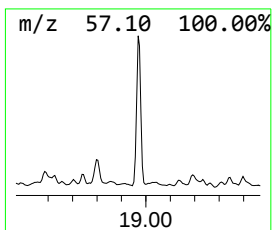
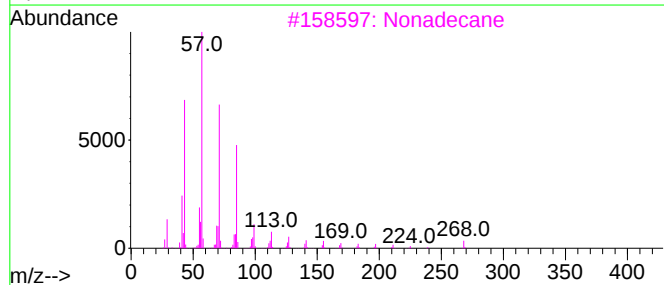
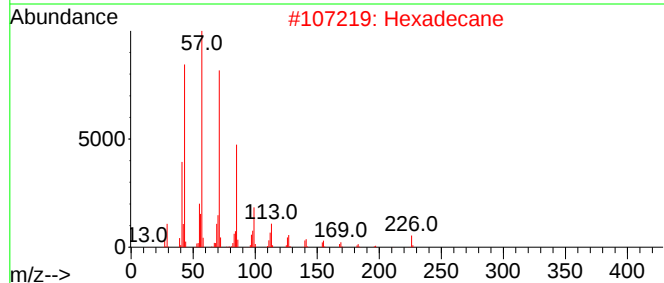
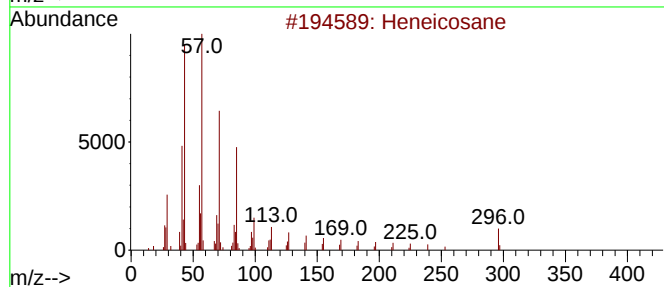
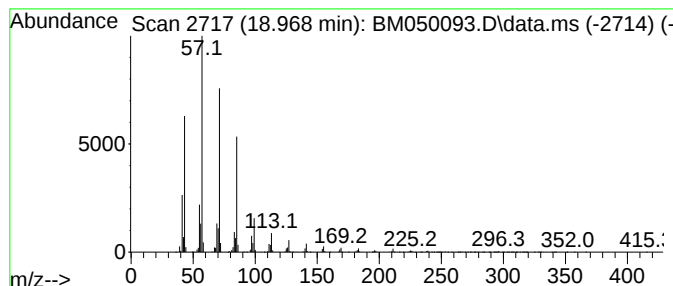
Instrument :
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ClientSampleId :
TR-05-04302025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.968	16.83 ng	3964460	Phenanthrene-d10		17.145	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Hexadecane		226	C16H34	000544-76-3	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050093.D
Acq On : 02 May 2025 19:55
Operator : RC/JU
Sample : Q1923-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

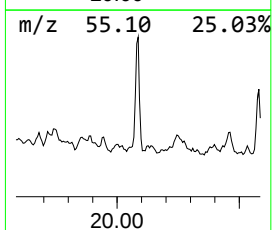
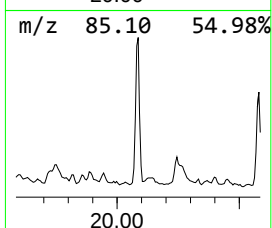
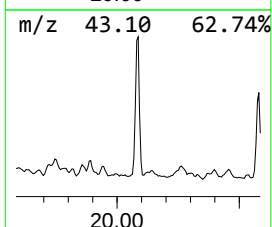
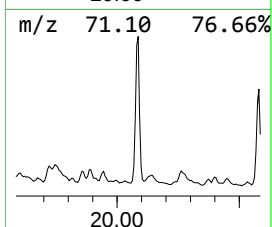
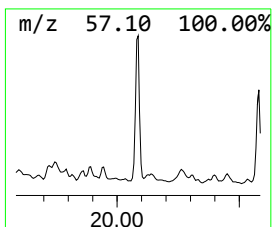
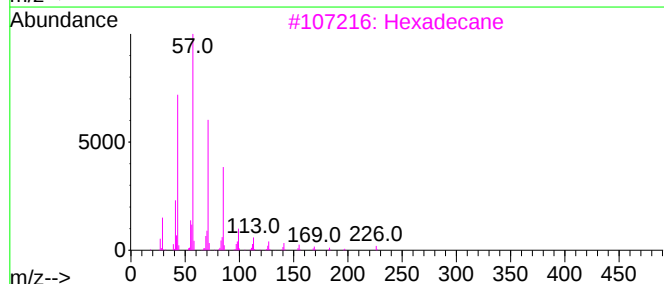
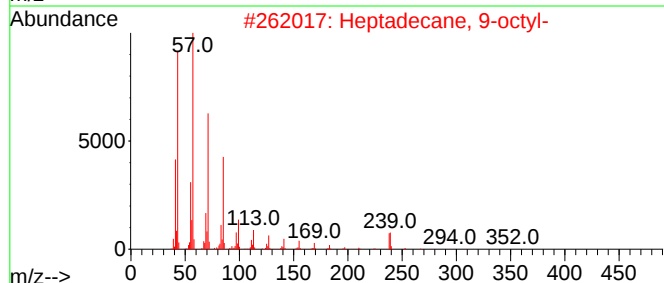
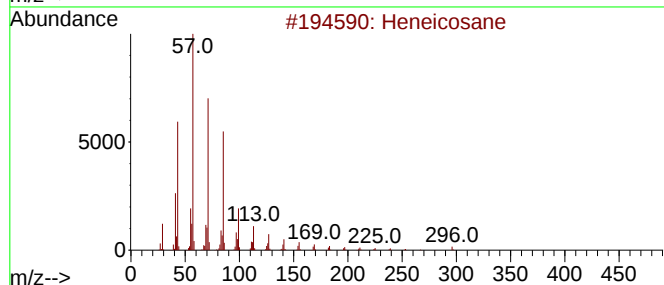
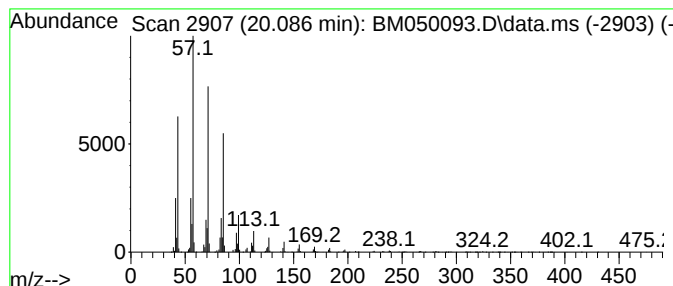
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ClientSampleId :
TR-05-04302025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.086	7.77 ng	2042430	Chrysene-d12		21.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
3	Hexadecane		226	C16H34	000544-76-3	91
4	Docosane		310	C22H46	000629-97-0	90
5	Docosane, 11-butyl-		366	C26H54	013475-76-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050093.D
 Acq On : 02 May 2025 19:55
 Operator : RC/JU
 Sample : Q1923-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-04302025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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Hexadecane	8.975	13.1	ng	1882120	1	7.745	2879600	20.0
Tridecane	11.975	17.0	ng	7086930	2	10.539	8323440	20.0
Naphthalene, 1,...	12.463	7.9	ng	3291060	2	10.539	8323440	20.0
Nonane, 3,7-dim...	12.933	9.8	ng	3151750	3	14.398	6468340	20.0
Tetradecane	13.222	24.9	ng	8065310	3	14.398	6468340	20.0
Naphthalene, 1,...	13.339	7.7	ng	2503980	3	14.398	6468340	20.0
3-Ethyl-2,6,10-...	13.880	10.6	ng	3430700	3	14.398	6468340	20.0
Carbonic acid, ...	14.298	27.8	ng	8989600	3	14.398	6468340	20.0
Octadecane, 1-b...	14.922	9.0	ng	2919440	3	14.398	6468340	20.0
Decane, 2,3,5-t...	15.251	26.3	ng	8499080	3	14.398	6468340	20.0
Pentadecane, 2,...	15.663	14.0	ng	4531490	3	14.398	6468340	20.0
2-Methyltetraaco...	15.810	7.4	ng	1752000	4	17.145	4710710	20.0
Dodecane	16.116	44.8	ng	10547000	4	17.145	4710710	20.0
Octadecane	16.910	32.9	ng	7752740	4	17.145	4710710	20.0
2-Bromotetradecane	16.957	22.1	ng	5206260	4	17.145	4710710	20.0
Hexadecane, 1-i...	17.645	29.6	ng	6963330	4	17.145	4710710	20.0
Heptadecane	18.339	24.3	ng	5725430	4	17.145	4710710	20.0
Heneicosane	18.968	16.8	ng	3964460	4	17.145	4710710	20.0
Heptadecane, 9-...	20.086	7.8	ng	2042430	5	21.386	5257350	20.0