

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047306.D
 Acq On : 21 Aug 2024 20:24
 Operator : RC/JU
 Sample : P3669-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20430

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-BM081024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047306.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	355	361	380	rBV	3140191	4510645	49.07%	3.266%
2	6.569	620	626	641	rVB	2948615	4603216	50.08%	3.333%
3	7.351	750	759	766	rVB	909131	1521832	16.56%	1.102%
4	8.445	934	945	948	rBV3	205534	442134	4.81%	0.320%
5	8.498	948	954	969	rVB	1907959	3306811	35.98%	2.394%
6	8.680	975	985	992	rVB7	130013	409651	4.46%	0.297%
7	8.980	1029	1036	1040	rVV2	132795	293096	3.19%	0.212%
8	9.398	1099	1107	1113	rVB6	137105	342087	3.72%	0.248%
9	9.516	1123	1127	1132	rVV3	223622	418786	4.56%	0.303%
10	9.822	1172	1179	1183	rBV	139860	291763	3.17%	0.211%
11	10.104	1217	1227	1233	rVB2	1276876	2579846	28.07%	1.868%
12	10.163	1233	1237	1244	rBV5	244328	559874	6.09%	0.405%
13	10.227	1244	1248	1254	rVB	274935	490678	5.34%	0.355%
14	10.292	1254	1259	1263	rBV	642866	967279	10.52%	0.700%
15	10.333	1263	1266	1273	rVB4	153570	328862	3.58%	0.238%
16	10.416	1275	1280	1285	rVB4	158036	299267	3.26%	0.217%
17	10.510	1285	1296	1300	rBV7	157225	474462	5.16%	0.344%
18	10.569	1300	1306	1309	rBV3	175931	353676	3.85%	0.256%
19	10.686	1321	1326	1330	rBV2	176986	327294	3.56%	0.237%
20	10.780	1337	1342	1345	rVV2	213573	461114	5.02%	0.334%
21	10.816	1345	1348	1353	rVB3	295079	417952	4.55%	0.303%
22	10.892	1353	1361	1365	rBV4	181330	405526	4.41%	0.294%
23	11.021	1378	1383	1392	rVB	317752	611219	6.65%	0.443%
24	11.151	1399	1405	1412	rBV	1043660	1978307	21.52%	1.432%
25	11.298	1423	1430	1434	rBV2	355371	633133	6.89%	0.458%
26	11.580	1474	1478	1483	rBV7	167954	400812	4.36%	0.290%
27	11.745	1502	1506	1509	rBV4	224047	419872	4.57%	0.304%
28	11.857	1521	1525	1528	rBV3	179765	290106	3.16%	0.210%
29	12.004	1545	1550	1554	rBV3	478117	901714	9.81%	0.653%
30	12.051	1554	1558	1563	rVB3	702429	1137640	12.38%	0.824%
31	12.110	1564	1568	1570	rBV2	211917	305644	3.33%	0.221%
32	12.180	1576	1580	1583	rBV5	222688	448878	4.88%	0.325%
33	12.268	1591	1595	1599	rVB2	300121	430019	4.68%	0.311%
34	12.415	1616	1620	1627	rVB5	348240	562884	6.12%	0.408%
35	12.510	1633	1636	1638	rVV4	214887	323465	3.52%	0.234%
36	12.551	1638	1643	1647	rVV3	1493428	2311054	25.14%	1.673%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.621	1649	1655	1660	rVB	4400122	6200389	67.46%	4.490%
38	12.768	1676	1680	1684	rBV	571989	802808	8.73%	0.581%
39	12.810	1684	1687	1692	rVB3	328672	485456	5.28%	0.352%
40	12.868	1693	1697	1700	rBV	380944	544621	5.93%	0.394%
41	12.939	1705	1709	1714	rVV3	810975	1359491	14.79%	0.984%
42	13.004	1716	1720	1727	rVB4	381637	761547	8.29%	0.551%
43	13.168	1743	1748	1758	rBV2	928320	2506233	27.27%	1.815%
44	13.327	1770	1775	1780	rBV	1157460	1945029	21.16%	1.408%
45	13.380	1780	1784	1788	rVV2	862233	1252226	13.62%	0.907%
46	13.421	1788	1791	1797	rVB3	815246	1258975	13.70%	0.912%
47	13.480	1797	1801	1802	rBV2	317262	396017	4.31%	0.287%
48	13.521	1802	1808	1812	rVV2	2014188	3287597	35.77%	2.381%
49	13.568	1813	1816	1819	rVV3	691065	1099706	11.96%	0.796%
50	13.598	1819	1821	1826	rVB2	568878	675882	7.35%	0.489%
51	13.739	1841	1845	1849	rBV4	676090	1004191	10.92%	0.727%
52	13.839	1858	1862	1865	rVB2	620012	803974	8.75%	0.582%
53	13.974	1882	1885	1887	rBV2	263470	330724	3.60%	0.239%
54	14.015	1887	1892	1897	rVB	1787838	2814211	30.62%	2.038%
55	14.233	1924	1929	1937	rBV	842241	2114891	23.01%	1.531%
56	14.321	1941	1944	1947	rVB4	301329	338665	3.68%	0.245%
57	14.427	1957	1962	1966	rBV	1093315	1700048	18.50%	1.231%
58	14.504	1971	1975	1981	rVB	1321563	1771930	19.28%	1.283%
59	14.574	1982	1987	1994	rVB5	839212	1423302	15.48%	1.031%
60	14.651	1995	2000	2005	rBV	1251985	2431413	26.45%	1.761%
61	14.698	2006	2008	2013	rVB2	779019	963354	10.48%	0.698%
62	14.745	2013	2016	2018	rBV3	279054	400164	4.35%	0.290%
63	14.809	2022	2027	2032	rBV2	875848	1596883	17.37%	1.156%
64	14.986	2052	2057	2063	rVB5	519457	1034521	11.25%	0.749%
65	15.068	2067	2071	2077	rVB4	591279	995714	10.83%	0.721%
66	15.127	2077	2081	2086	rBV2	731886	1449105	15.77%	1.049%
67	15.198	2090	2093	2098	rVB	914469	1215515	13.22%	0.880%
68	15.321	2106	2114	2118	rBV2	2153907	4027209	43.81%	2.916%
69	15.456	2134	2137	2139	rBV2	295412	394443	4.29%	0.286%
70	15.527	2143	2149	2156	rVB4	4082425	6775046	73.71%	4.906%
71	15.603	2157	2162	2166	rBV4	653464	1207362	13.14%	0.874%
72	15.698	2174	2178	2183	rBV5	384367	891331	9.70%	0.645%
73	15.768	2186	2190	2192	rVV	778219	1115784	12.14%	0.808%
74	15.803	2192	2196	2201	rVB	3834066	5261942	57.25%	3.810%
75	15.898	2209	2212	2216	rVB	795682	999130	10.87%	0.723%
76	15.939	2217	2219	2222	rBV2	278587	324268	3.53%	0.235%

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77	16.139	2249	2253	2257	rBV3	1168997	1703322	18.53%	1.233%
78	16.186	2258	2261	2265	rVB4	523479	695241	7.56%	0.503%
79	16.292	2276	2279	2282	rBV2	424438	649674	7.07%	0.470%
80	16.439	2302	2304	2310	rVB4	324830	383772	4.18%	0.278%
81	16.521	2315	2318	2323	rBV6	345350	577246	6.28%	0.418%
82	16.627	2331	2336	2342	rVB	2496471	3897219	42.40%	2.822%
83	16.780	2357	2362	2366	rBV	1873131	2578810	28.06%	1.867%
84	16.821	2366	2369	2373	rVV3	468660	619901	6.74%	0.449%
85	17.233	2436	2439	2445	rVB	755427	1005709	10.94%	0.728%
86	17.662	2509	2512	2515	rVV	433176	530822	5.77%	0.384%
87	17.709	2516	2520	2527	rVB2	1200245	1935726	21.06%	1.402%
88	17.845	2541	2543	2548	rVB2	464438	565400	6.15%	0.409%
89	18.415	2638	2640	2644	rVB	595853	727180	7.91%	0.527%
90	18.474	2646	2650	2654	rVV2	649963	893895	9.72%	0.647%
91	18.592	2666	2670	2675	rBV	1091080	1586166	17.26%	1.149%
92	18.862	2713	2716	2719	rBV2	285815	365432	3.98%	0.265%
93	18.921	2723	2726	2731	rVB2	805548	1023093	11.13%	0.741%
94	19.256	2780	2783	2788	rVB	383901	536329	5.83%	0.388%
95	19.315	2789	2793	2799	rVB	522766	805964	8.77%	0.584%
96	19.444	2810	2815	2820	rVB	7137643	9191813	100.00%	6.656%
97	20.703	3026	3029	3034	rBV	571206	724930	7.89%	0.525%
98	20.956	3069	3072	3077	rBV	630720	835239	9.09%	0.605%
99	21.015	3077	3082	3098	rVB2	2034497	2934202	31.92%	2.125%
100	23.709	3533	3540	3555	rVB	1105874	2815323	30.63%	2.039%

Sum of corrected areas: 138104103

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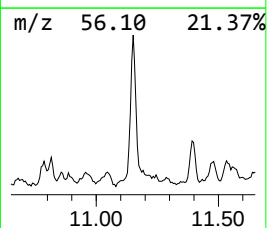
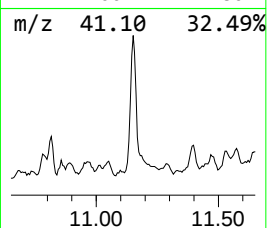
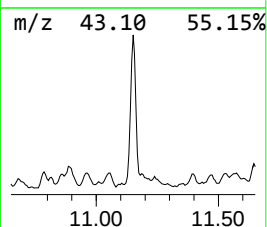
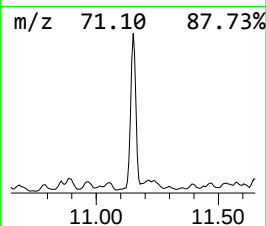
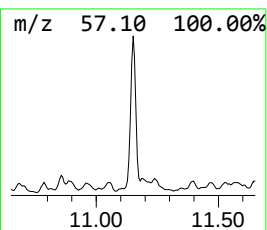
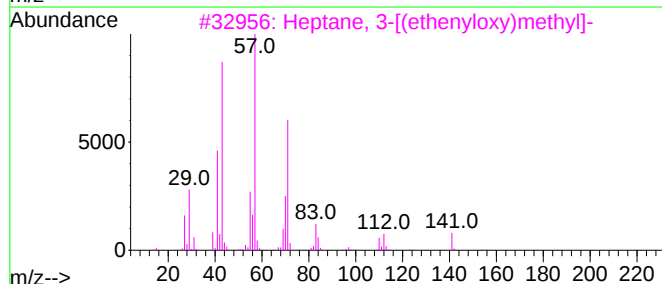
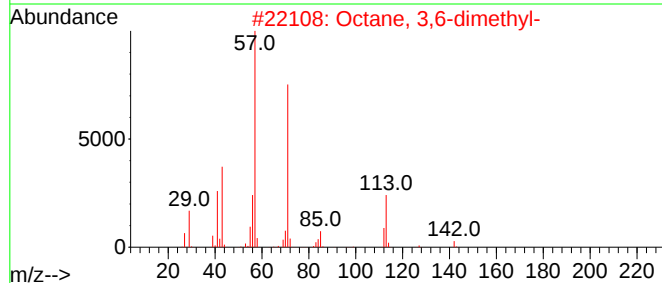
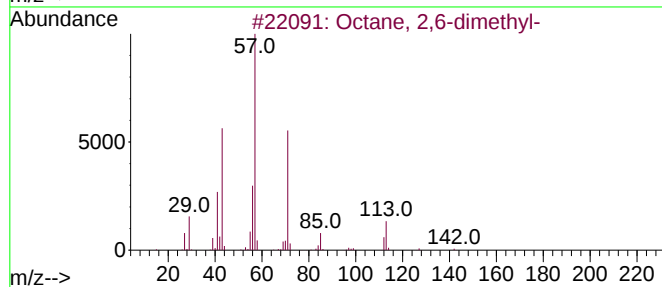
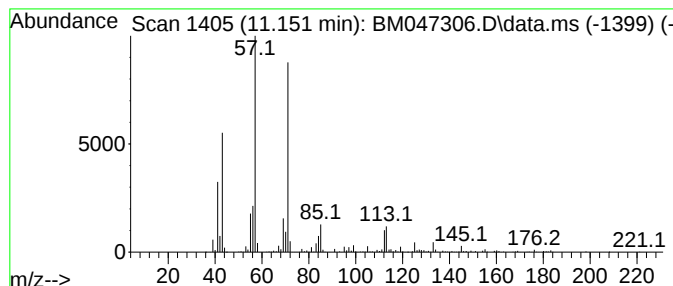
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.151	15.34 ng	1978310	Naphthalene-d8	10.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3			Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
4			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
5			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59



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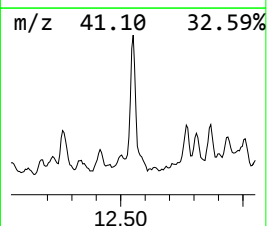
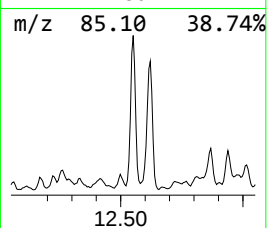
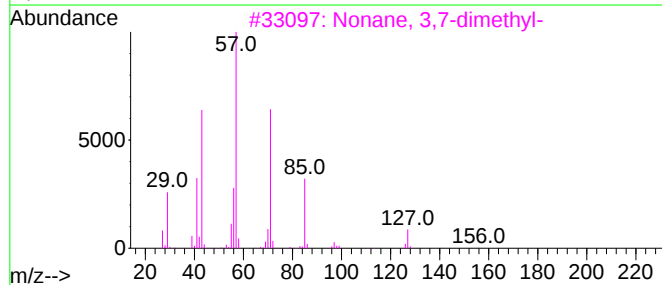
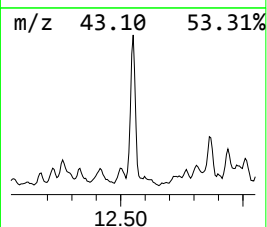
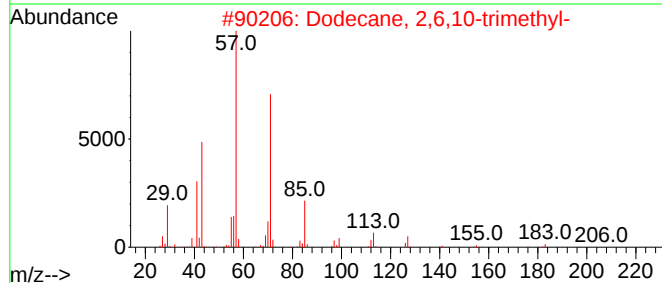
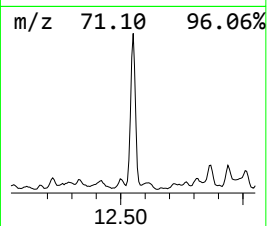
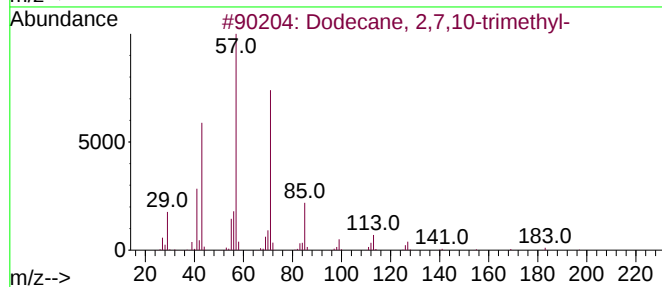
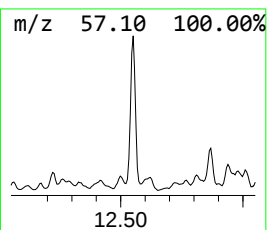
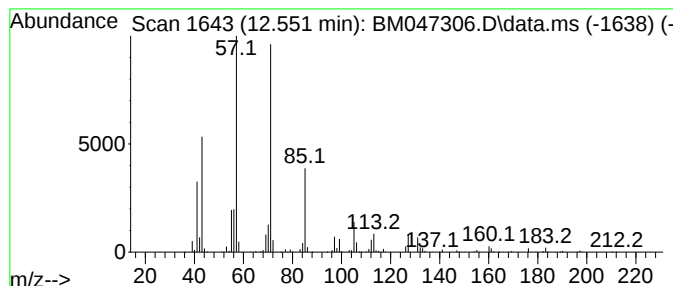
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.551	16.42 ng	2311050	Acenaphthene-d10			14.015
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	74
2	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	72
3	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	58
4	Oxalic acid, butyl neopentyl ester		216	C11H20O4	1000309-72-8	50
5	Carbonic acid, octyl vinyl ester		200	C11H20O3	1000383-25-5	50



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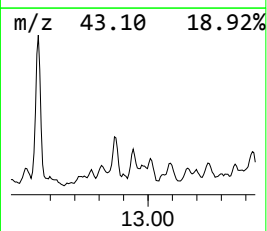
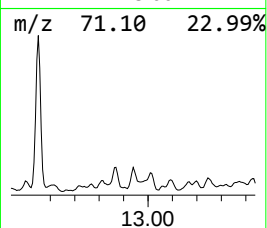
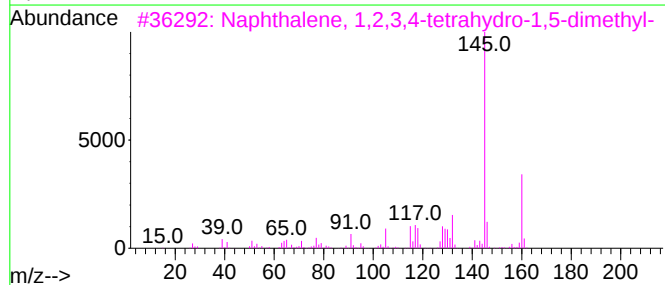
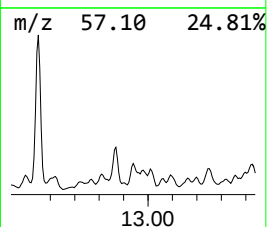
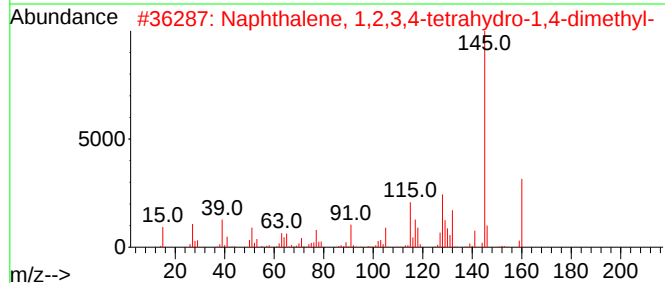
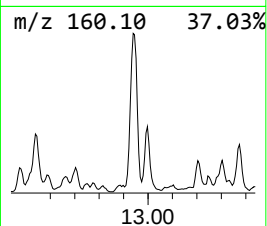
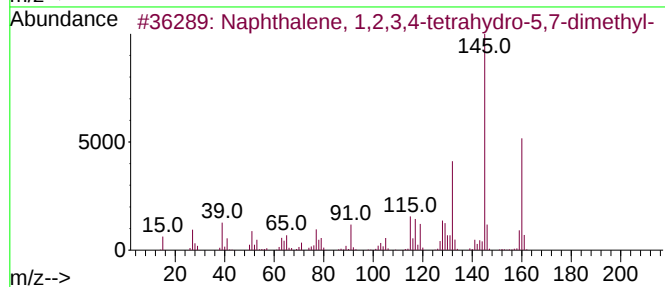
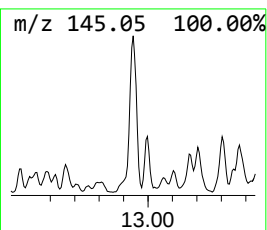
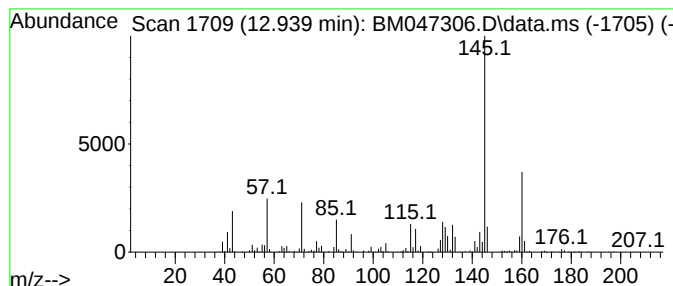
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	9.66 ng	1359490	Acenaphthene-d10	14.015

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	89
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	89
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	81
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	76
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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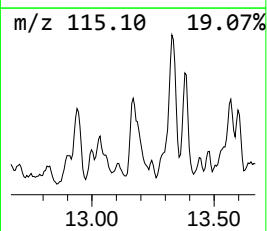
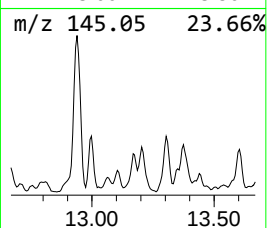
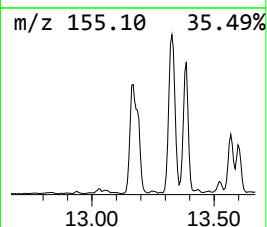
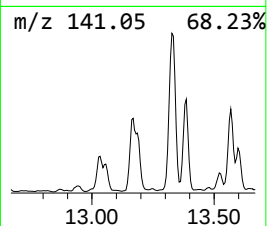
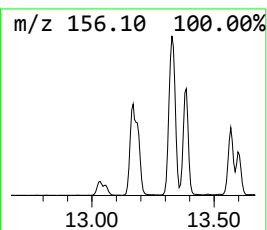
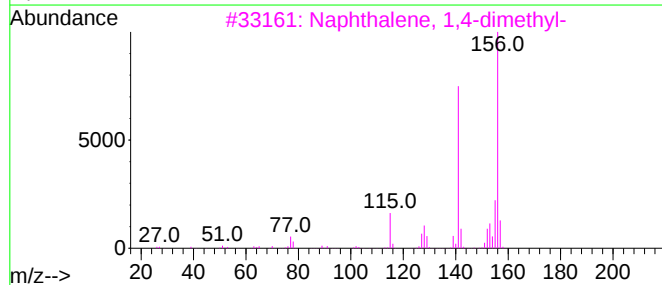
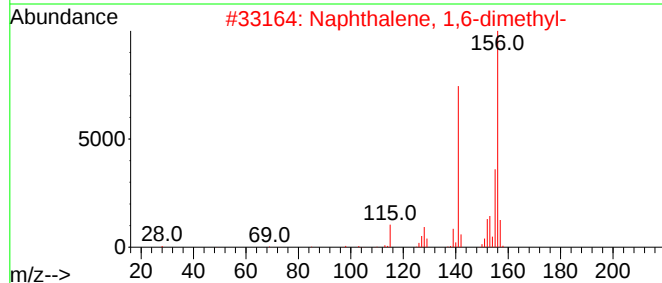
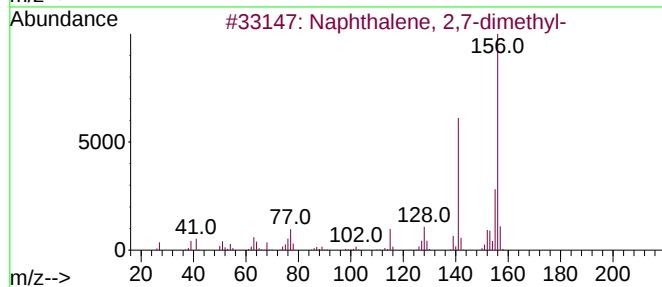
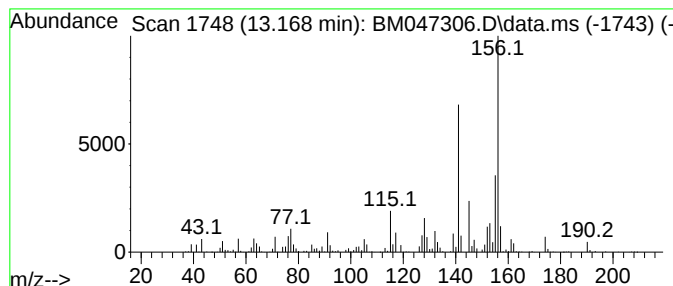
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.168	17.81 ng	2506230	Acenaphthene-d10	14.015

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

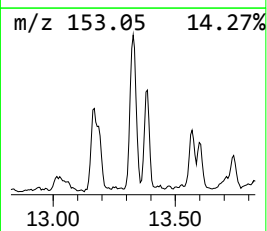
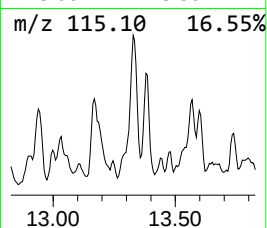
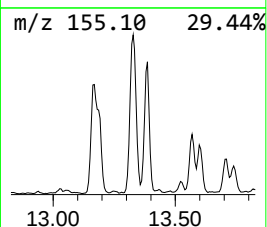
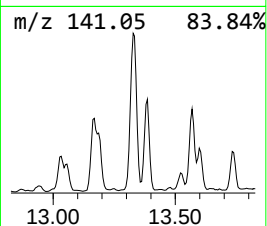
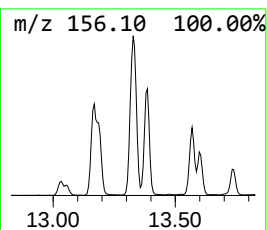
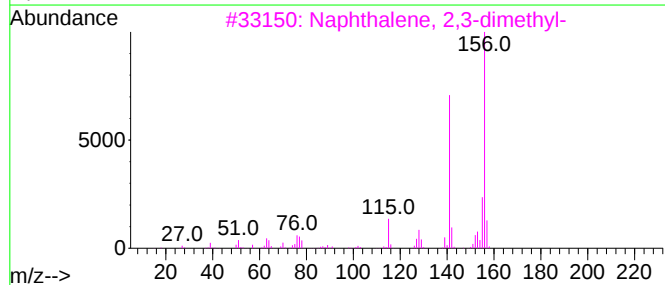
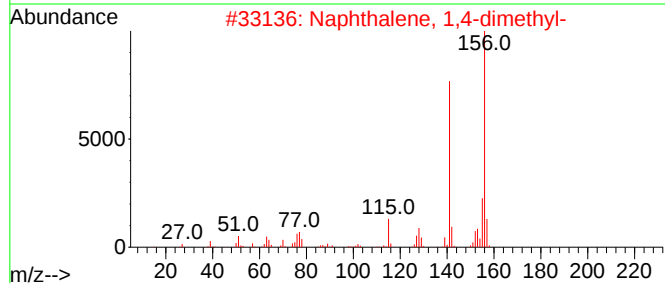
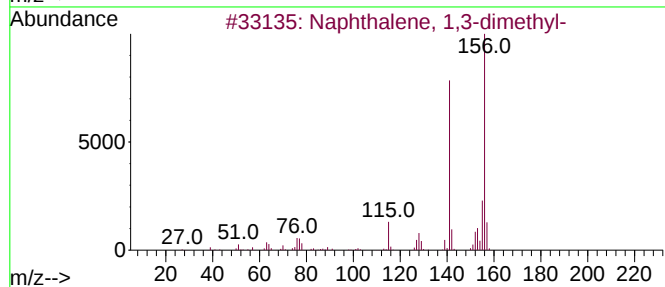
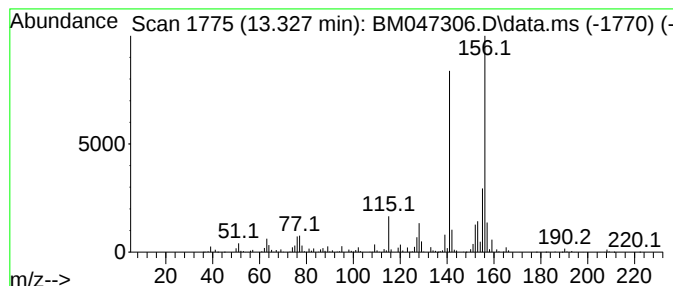
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.327	13.82 ng	1945030	Acenaphthene-d10	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

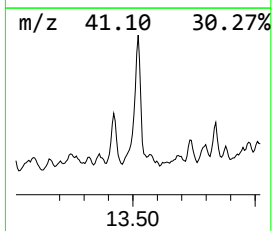
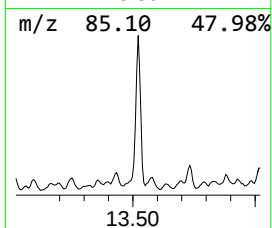
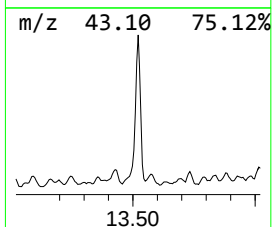
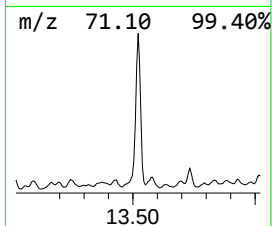
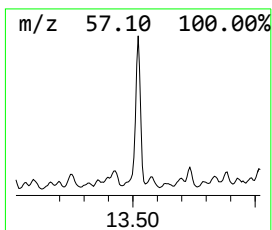
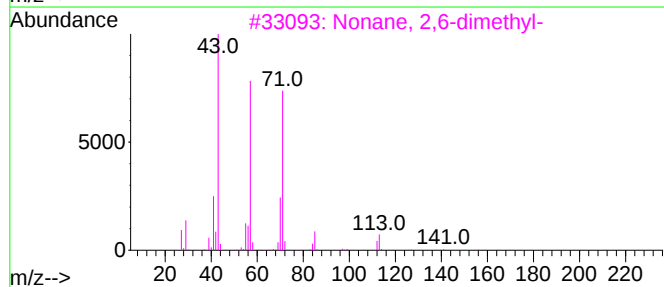
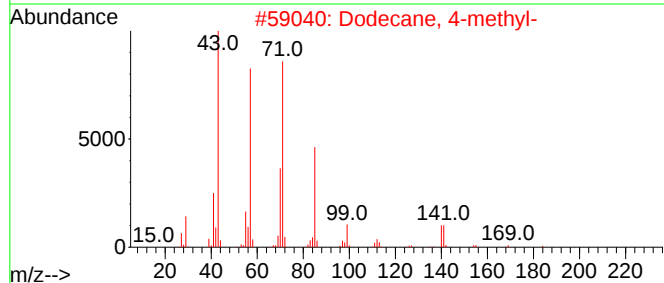
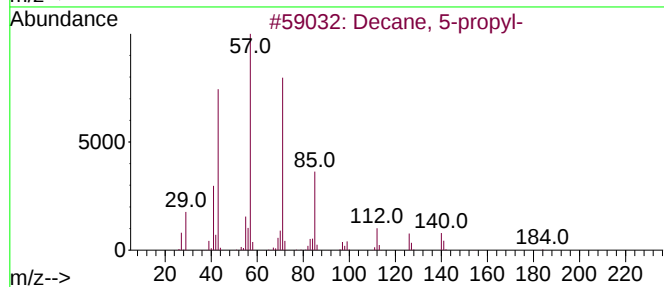
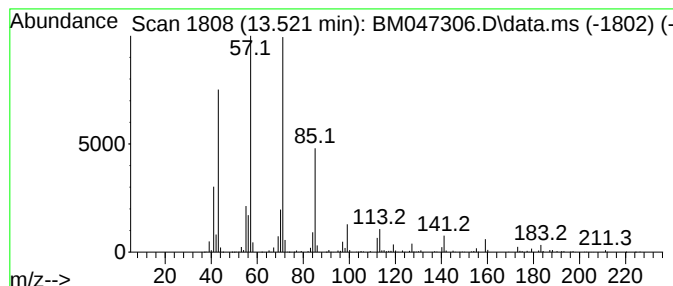
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.521	23.36 ng	3287600	Acenaphthene-d10			14.015
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-		184	C13H28	017312-62-8	81
2	Dodecane, 4-methyl-		184	C13H28	006117-97-1	64
3	Nonane, 2,6-dimethyl-		156	C11H24	017302-28-2	60
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	58
5	Nonane, 2,3-dimethyl-		156	C11H24	002884-06-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
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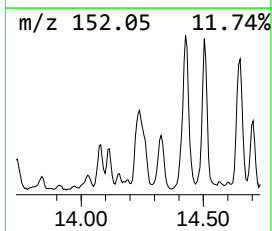
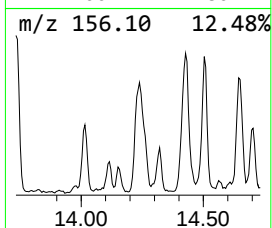
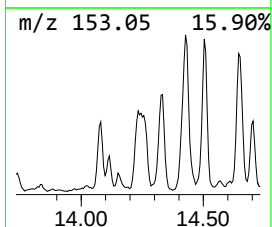
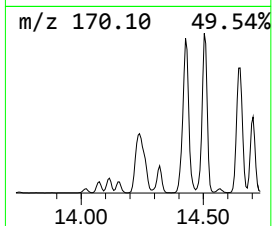
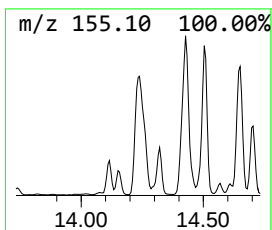
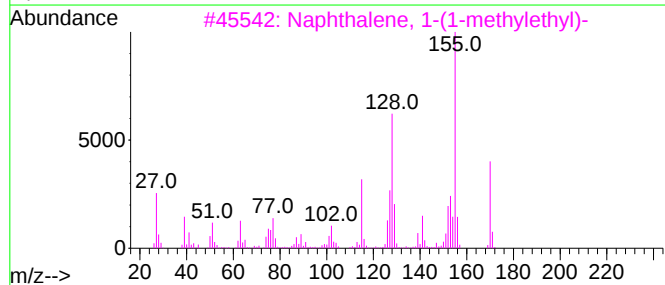
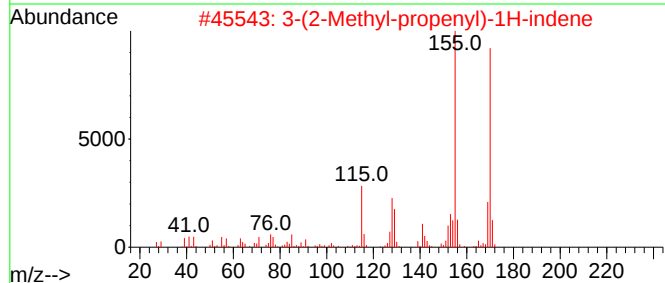
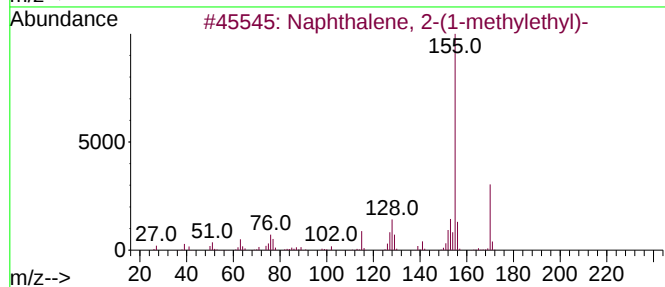
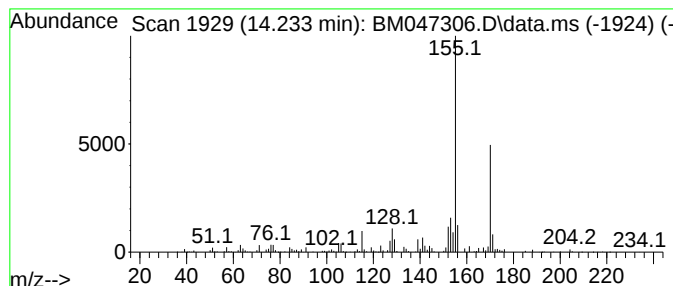
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.233	15.03 ng	2114890	Acenaphthene-d10	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
3	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

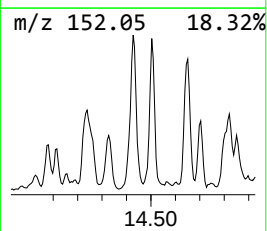
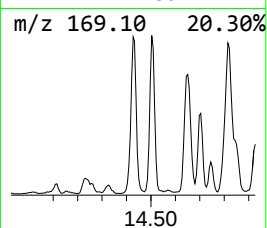
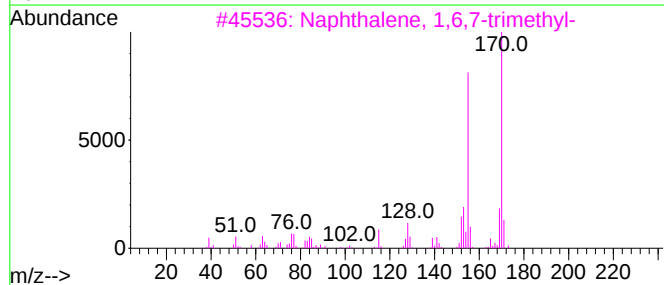
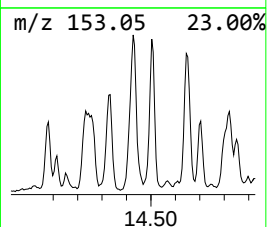
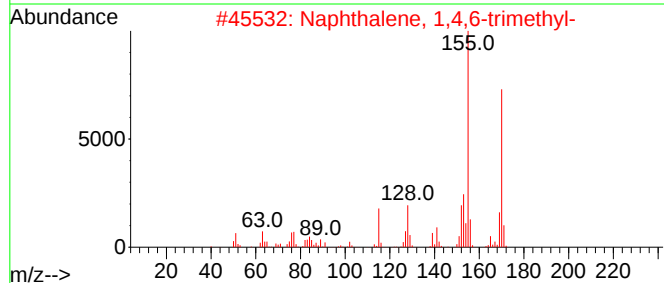
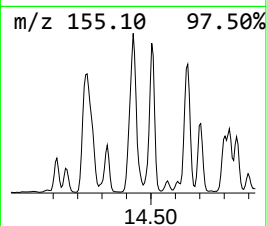
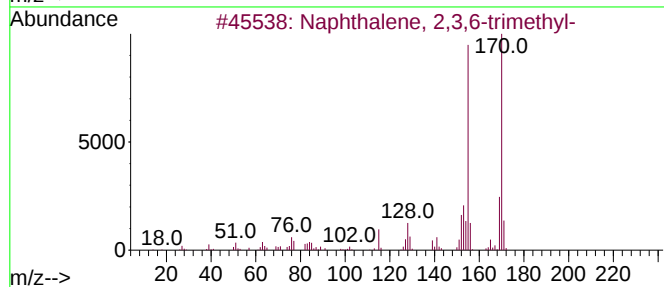
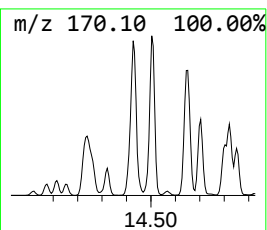
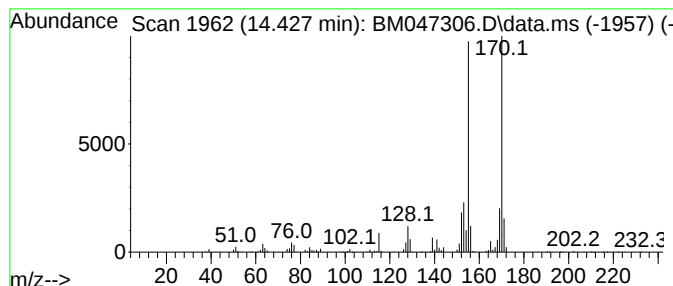
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.427	12.08 ng	1700050	Acenaphthene-d10	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
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Sample : P3669-01
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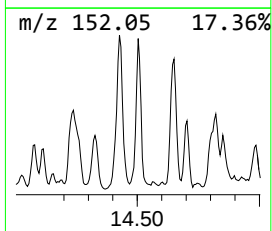
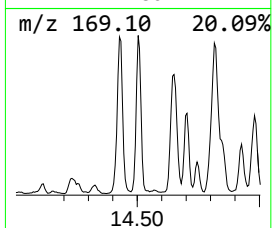
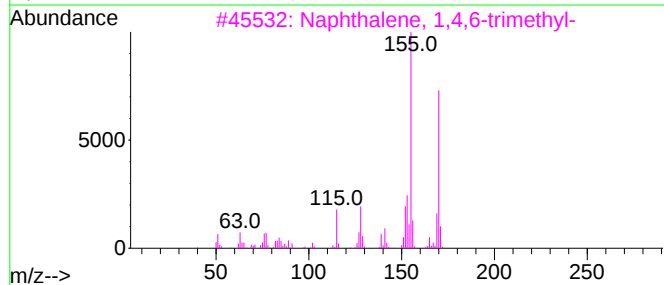
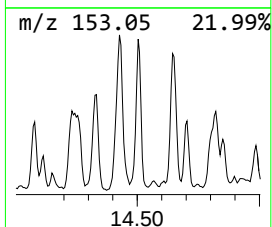
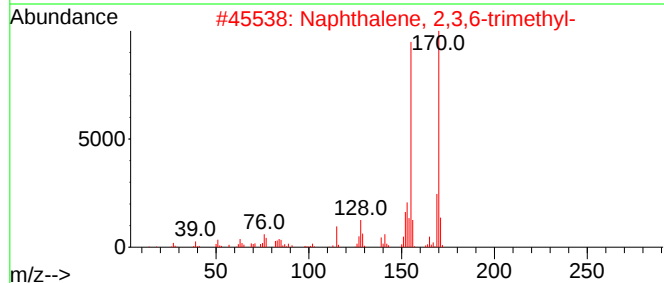
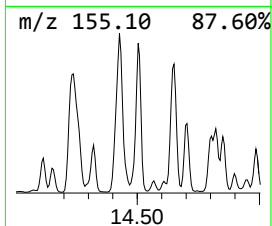
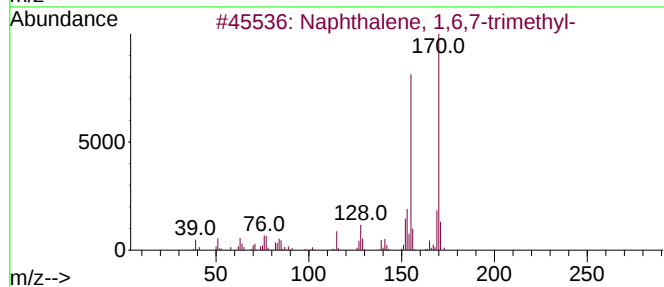
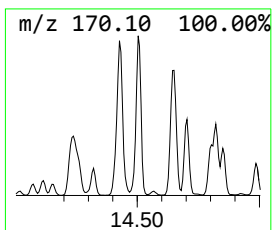
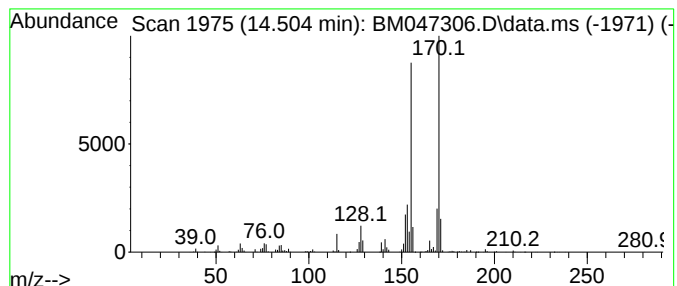
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.504	12.59 ng	1771930	Acenaphthene-d10	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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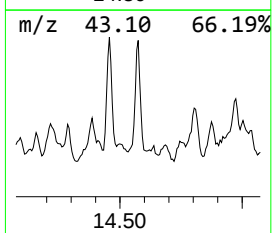
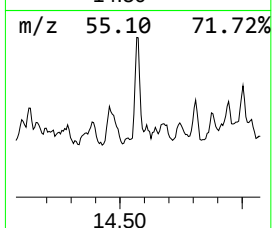
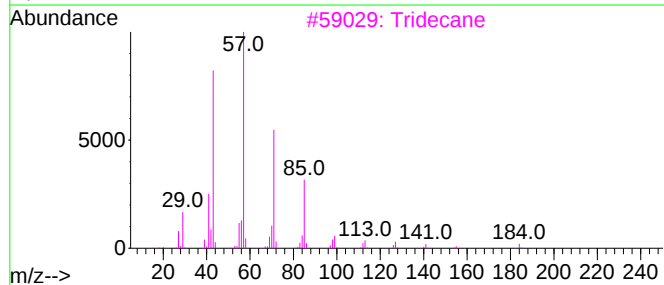
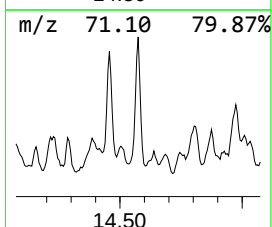
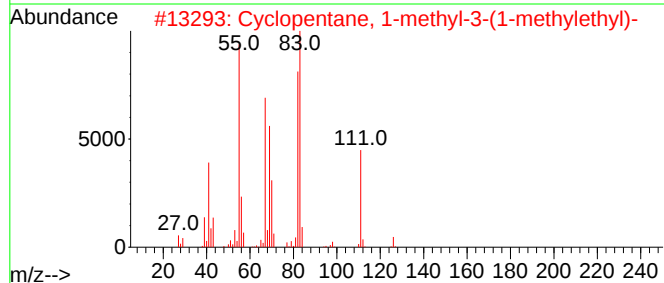
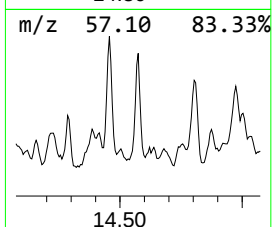
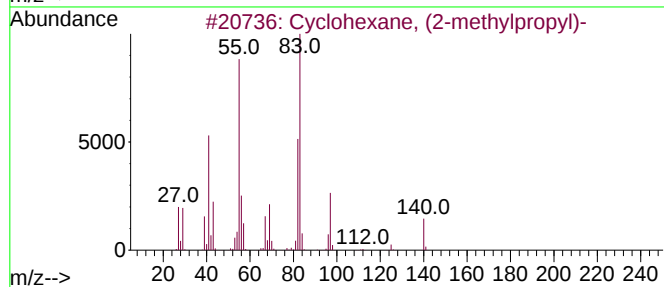
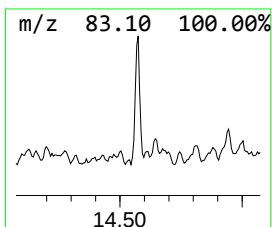
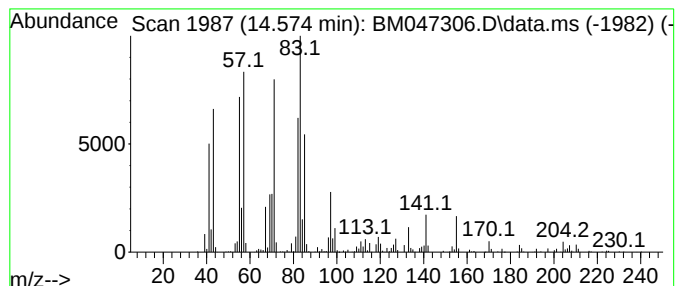
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.574 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	10.12 ng	1423300	Acenaphthene-d10	14.015

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46
2		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	38
3		Tridecane	184	C13H28	000629-50-5	38
4		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	30
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

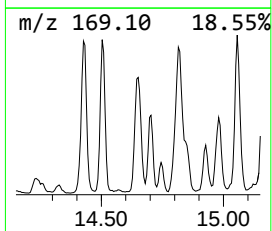
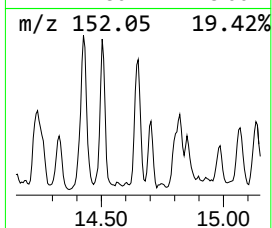
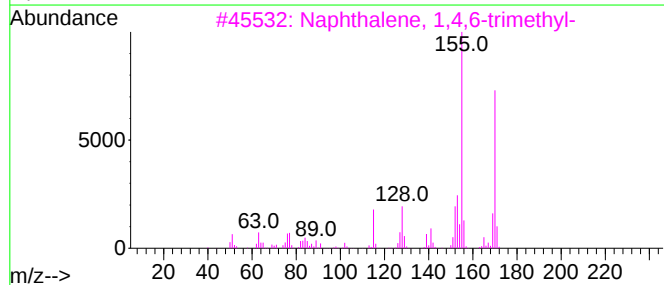
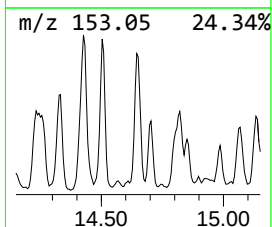
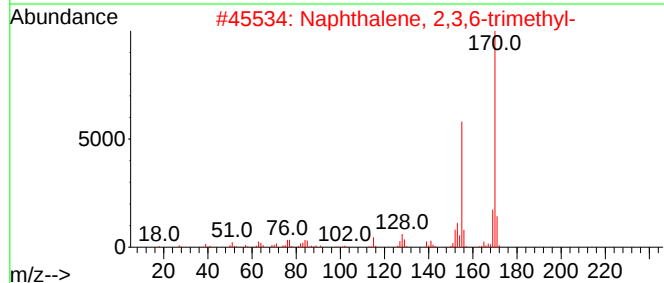
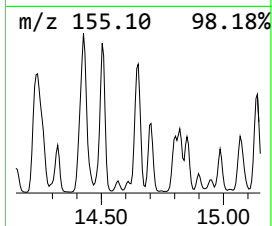
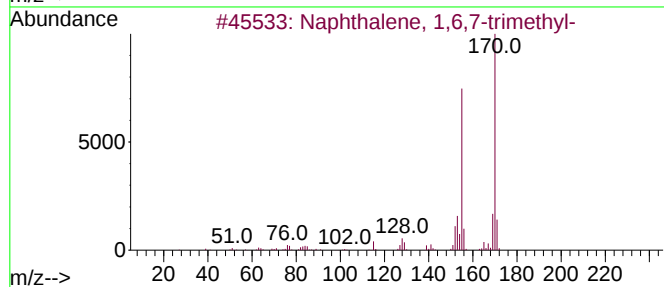
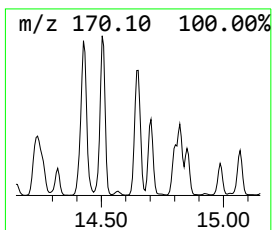
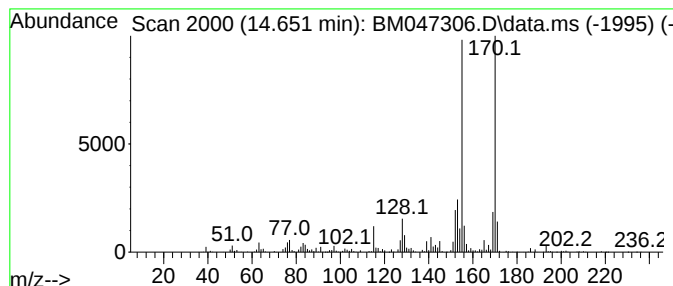
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.651	17.28 ng	2431410	Acenaphthene-d10	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
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Acq On : 21 Aug 2024 20:24
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Sample : P3669-01
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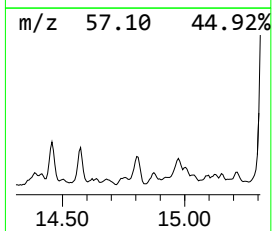
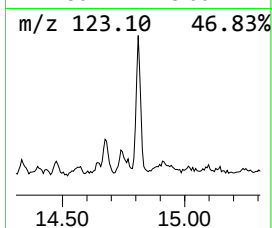
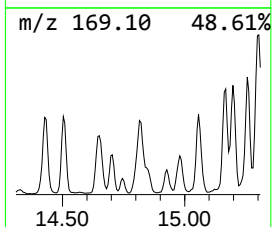
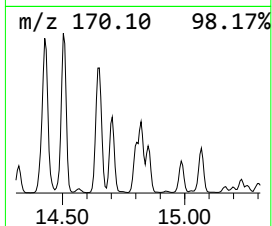
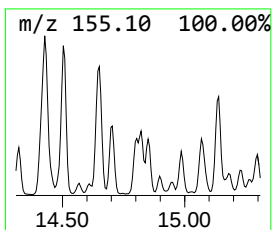
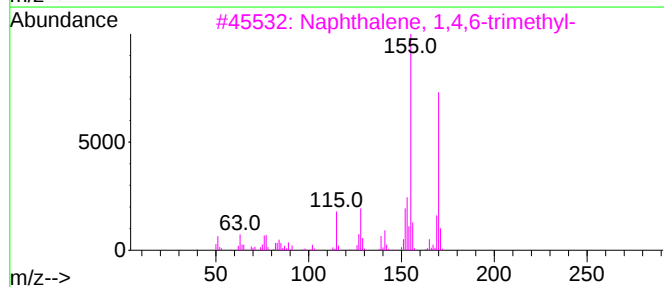
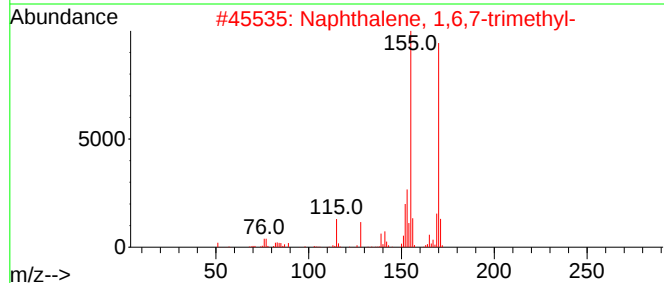
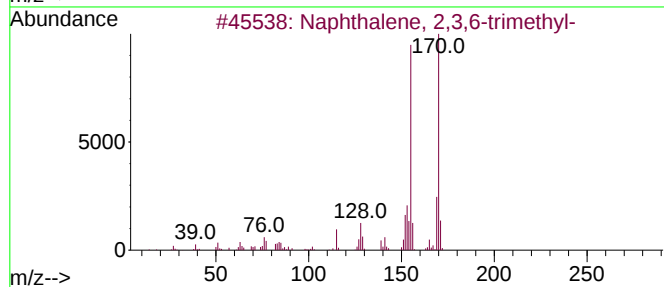
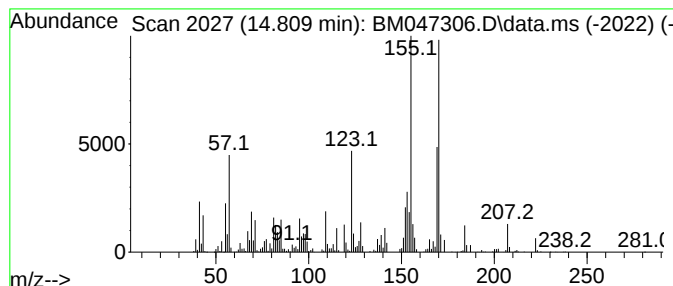
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4,6,8-Trimethylazulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.809	11.35 ng	1596880	Acenaphthene-d10	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
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Operator : RC/JU
Sample : P3669-01
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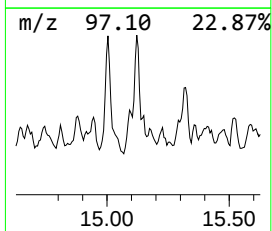
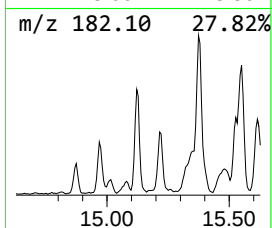
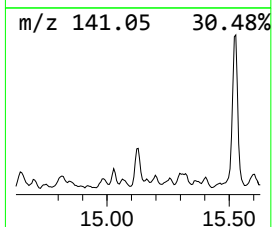
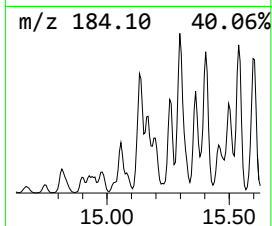
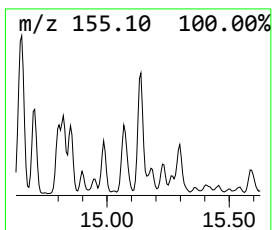
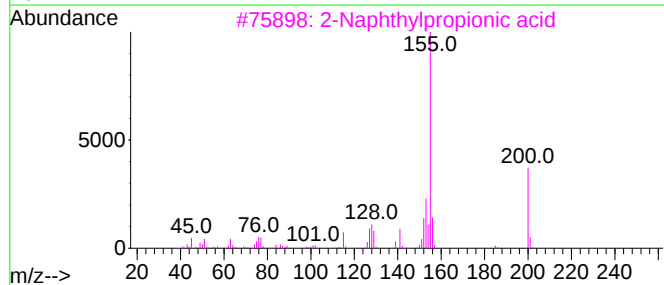
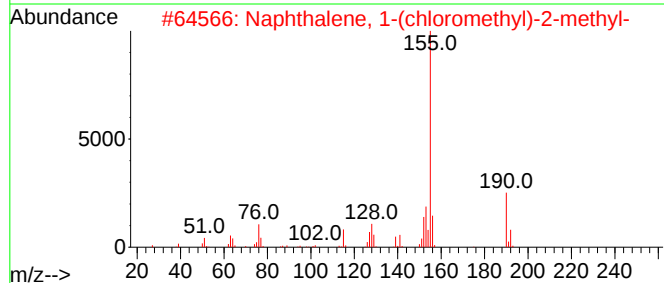
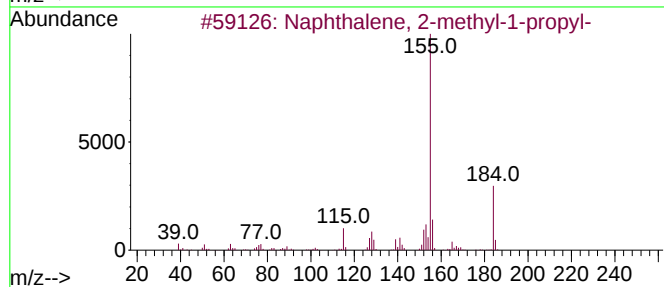
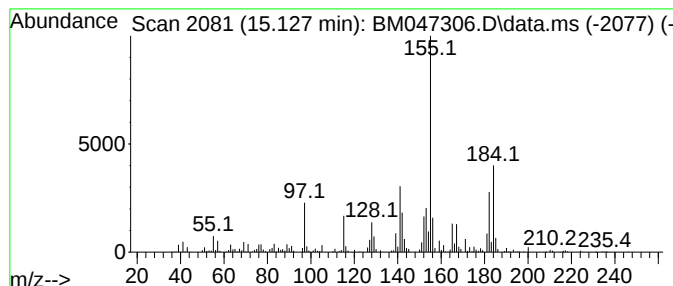
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-methyl-1-pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.127	10.30 ng	1449110	Acenaphthene-d10	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	64
2	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	50
3	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	43
4	1-Chloromethyl-4-methylnaphthalene	190	C12H11Cl	005261-50-7	38
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
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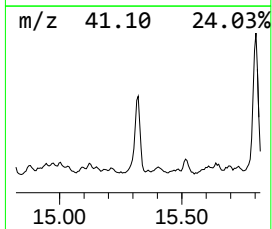
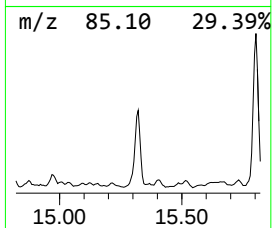
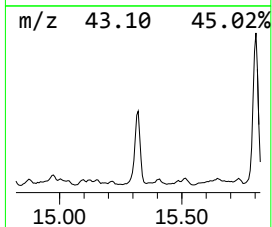
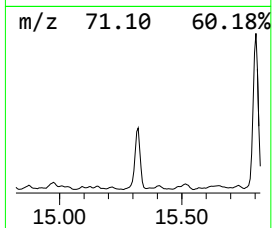
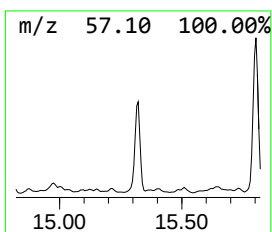
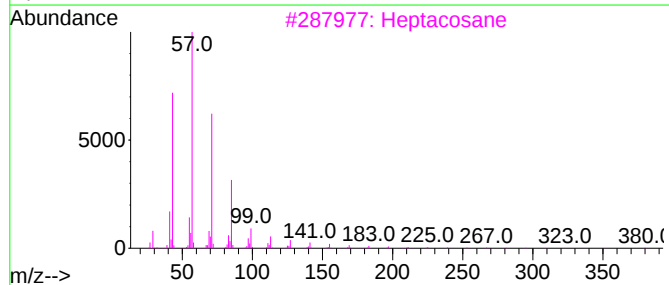
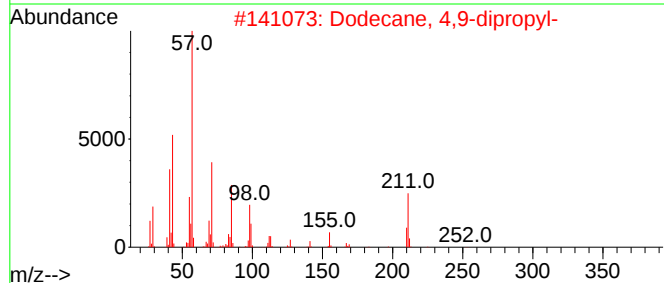
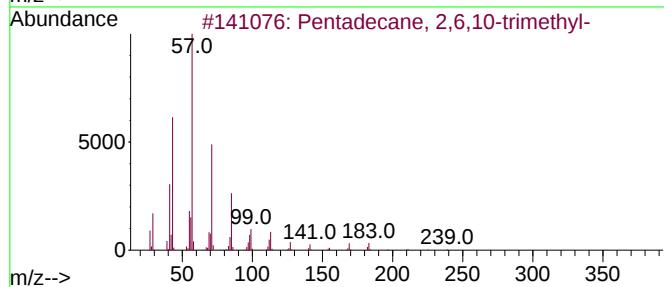
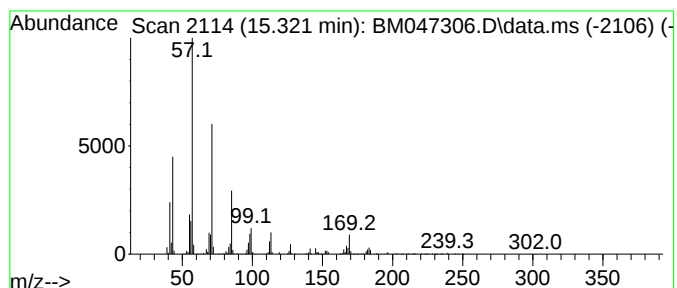
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.321	28.62 ng	4027210	Acenaphthene-d10		14.015	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	87
2	Dodecane, 4,9-dipropyl-		254	C18H38	003054-63-5	83
3	Heptacosane		380	C27H56	000593-49-7	72
4	Tridecane		184	C13H28	000629-50-5	70
5	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
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Sample : P3669-01
Misc :
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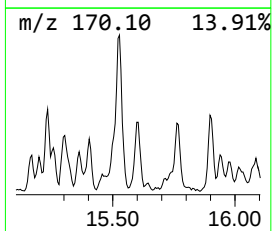
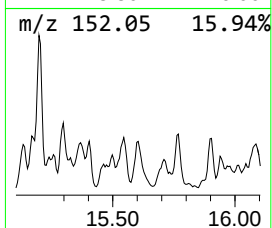
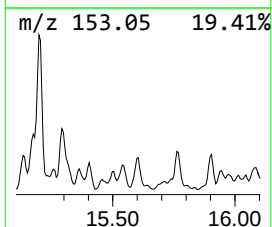
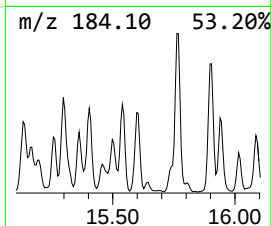
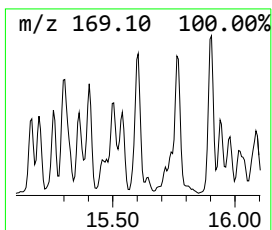
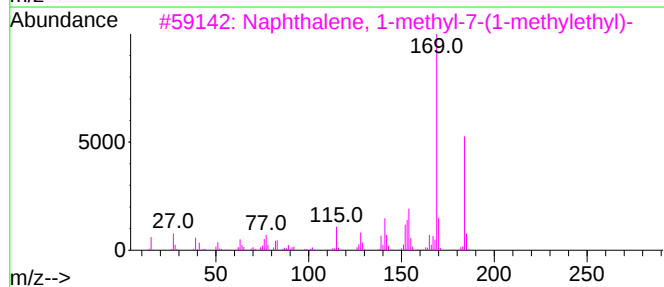
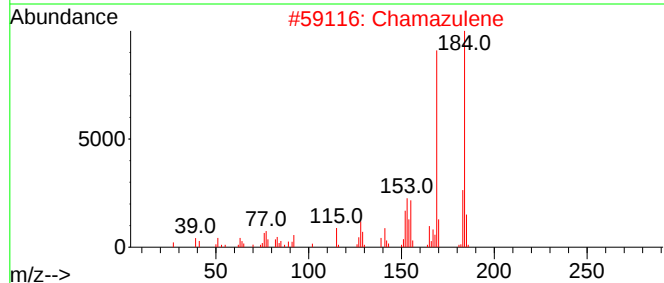
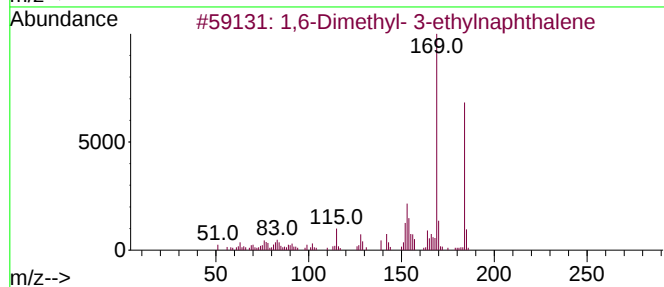
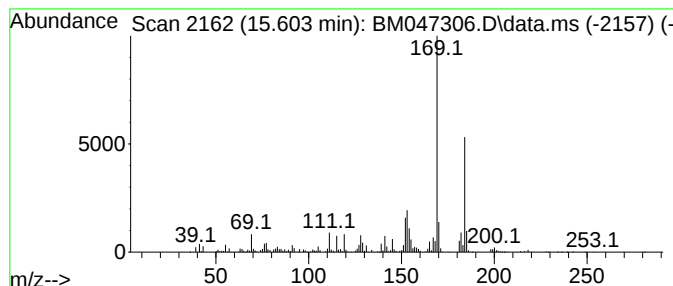
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,6-Dimethyl- 3-ethylnaphth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.604	9.36 ng	1207360	Phenanthrene-d10	16.780	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	93
2	Chamazulene	184	C14H16	000529-05-5	93
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	91
4	2-Isopropyl-7-methylnaphthalene	184	C14H16	1000383-71-3	91
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
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Sample : P3669-01
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ALS Vial : 18 Sample Multiplier: 1

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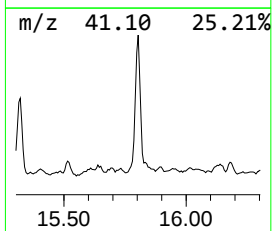
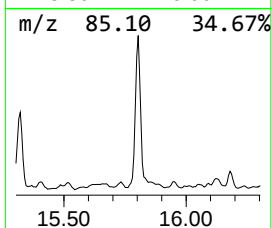
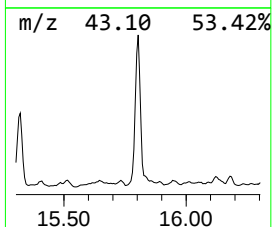
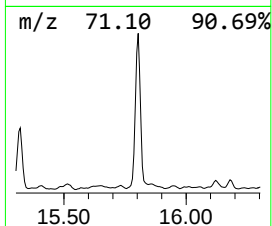
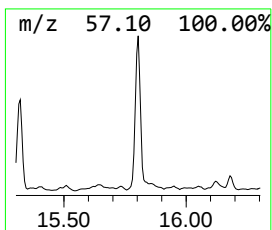
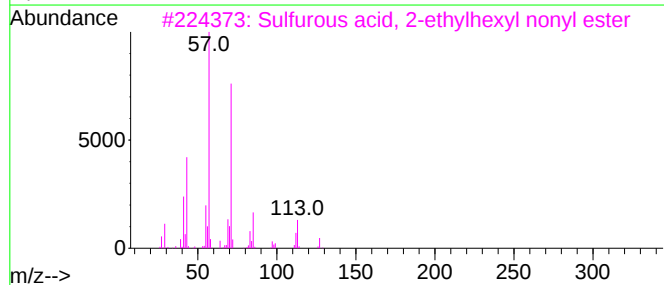
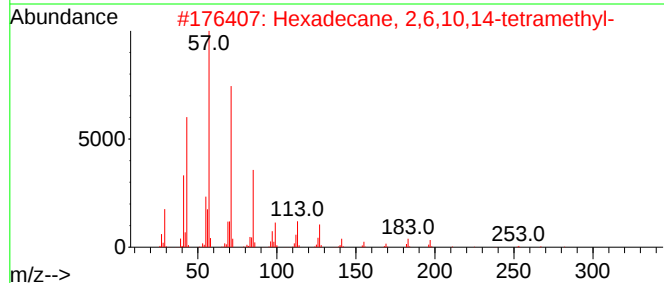
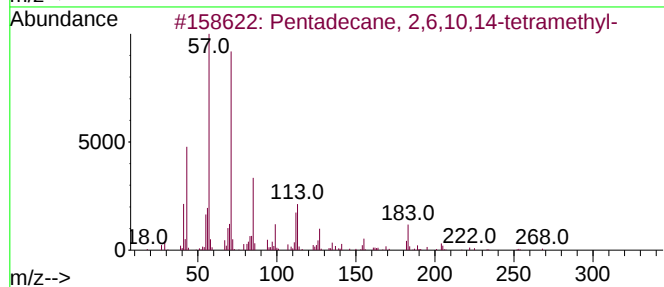
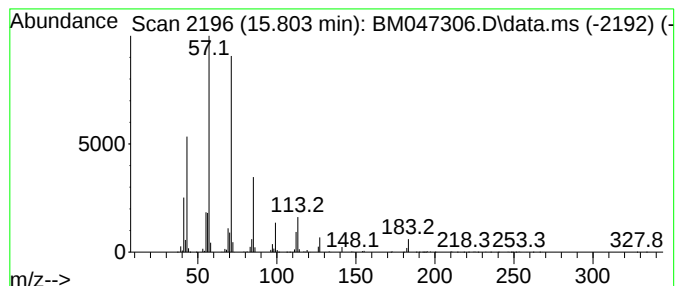
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	40.81 ng	5261940	Phenanthrene-d10	16.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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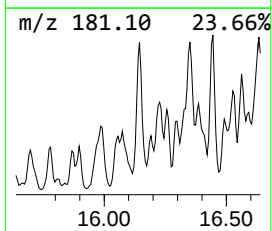
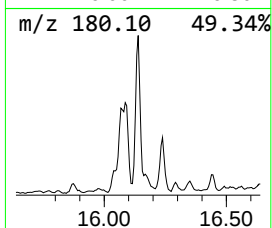
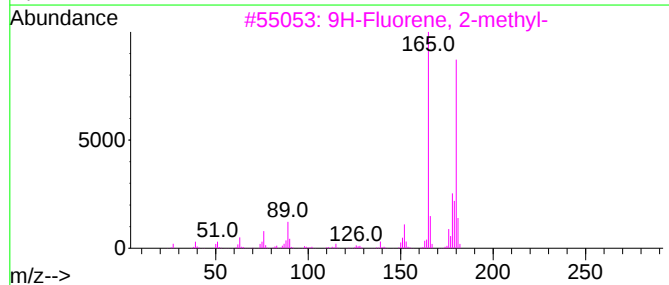
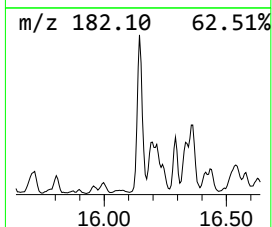
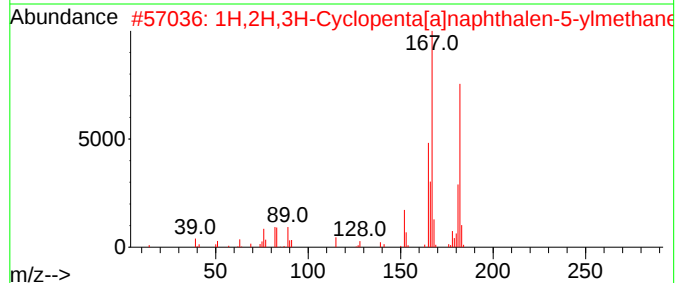
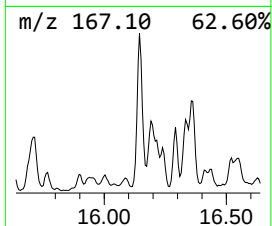
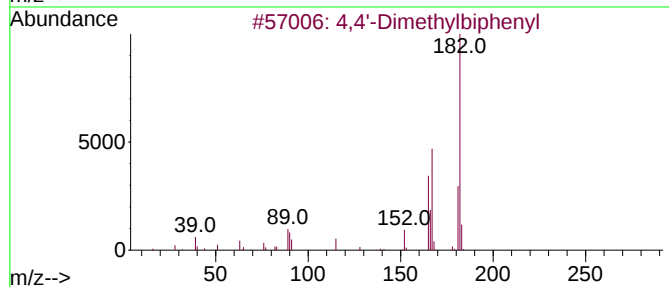
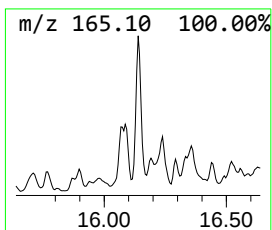
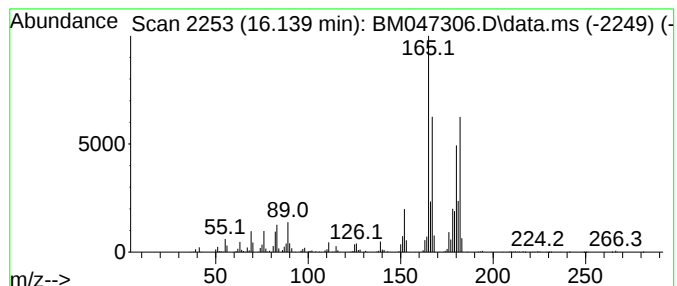
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4,4'-Dimethylbiphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	13.21 ng	1703320	Phenanthrene-d10	16.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	60
2			1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	50
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
5			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20430

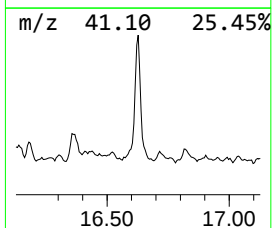
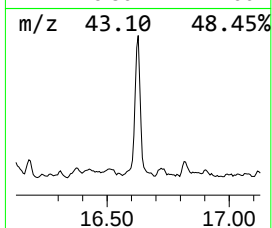
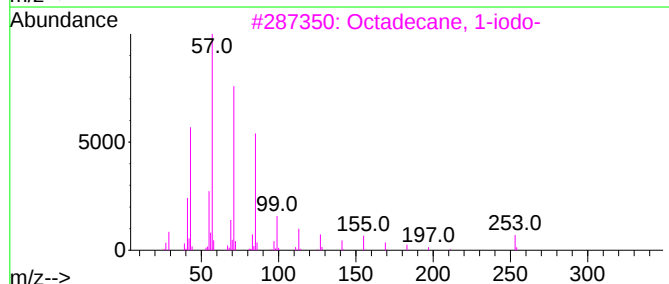
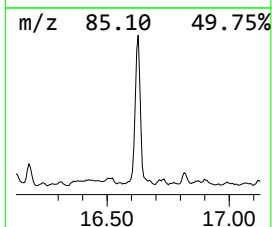
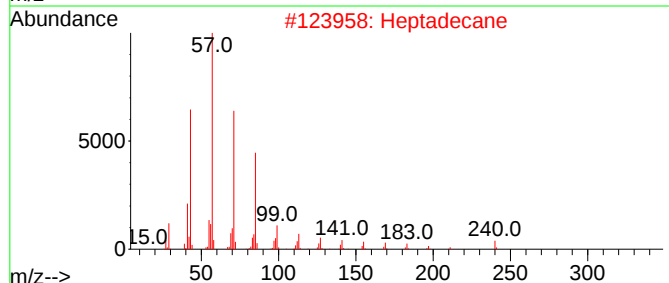
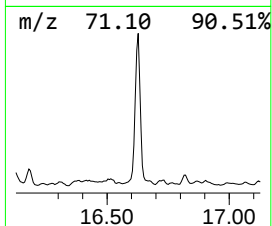
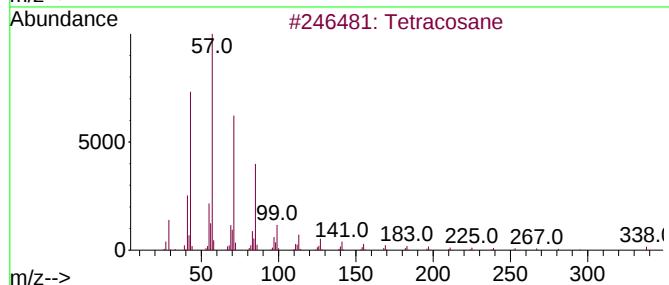
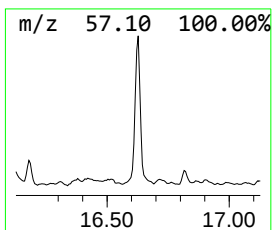
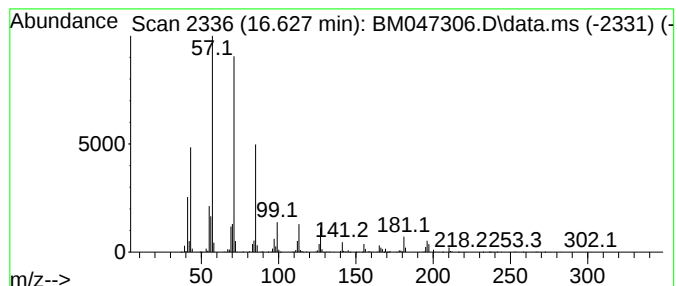
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.627	30.22 ng	3897220	Phenanthrene-d10	16.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	86
2		Heptadecane	240	C17H36	000629-78-7	86
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Decane, 3-methyl-	156	C11H24	013151-34-3	81
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

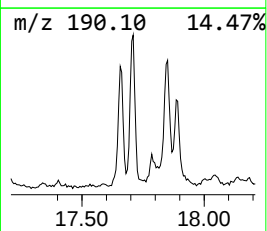
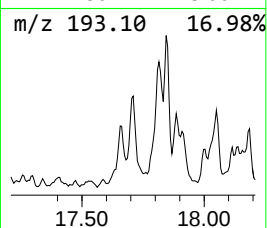
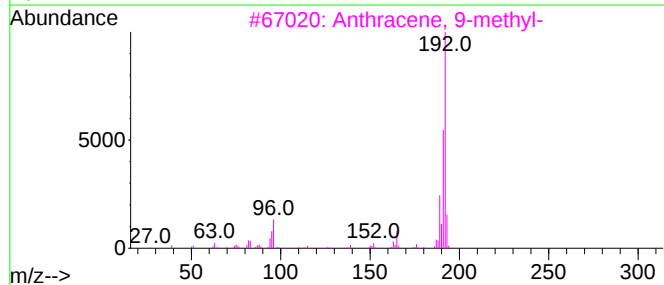
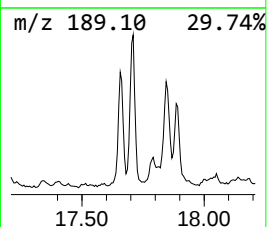
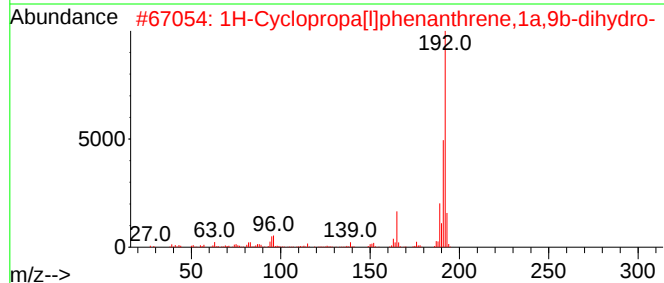
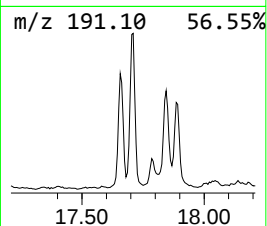
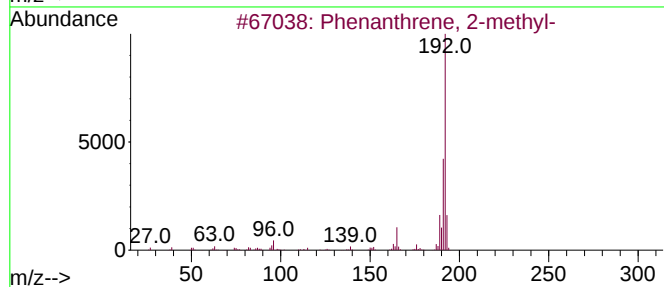
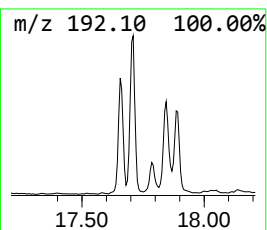
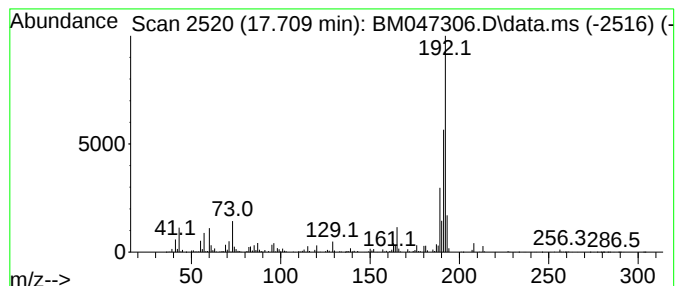
Instrument :
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ClientSampleId :
20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.709	15.01 ng	1935730	Phenanthrene-d10	16.780	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

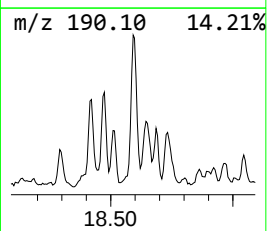
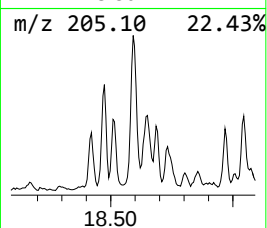
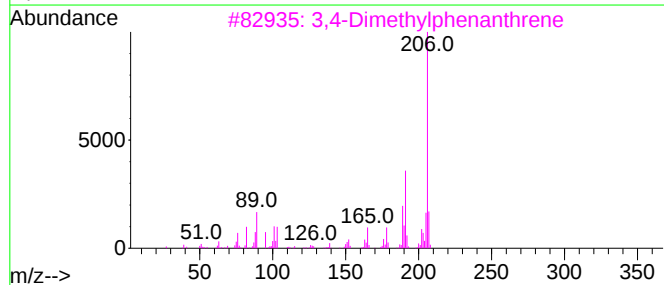
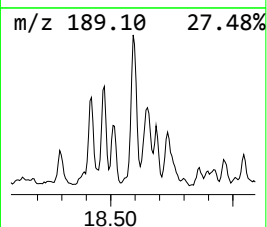
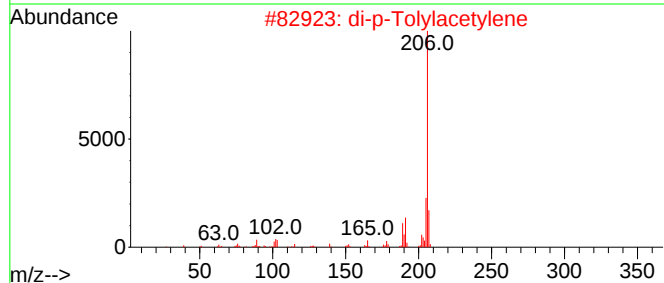
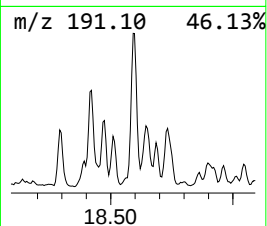
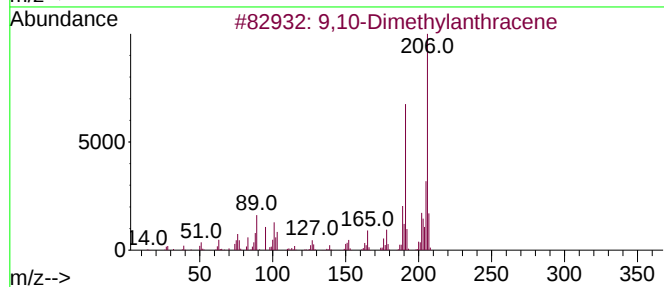
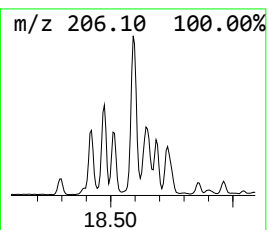
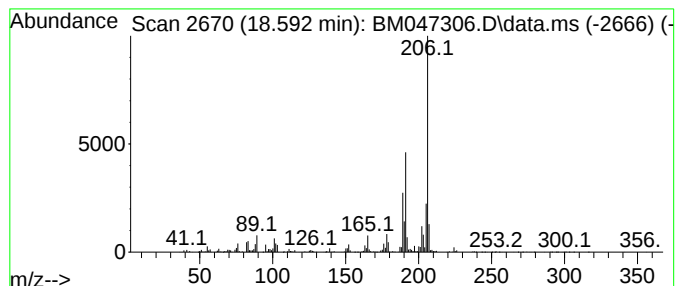
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9,10-Dimethylantracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.592	12.30 ng	1586170	Phenanthrene-d10		16.780	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	91
2	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
3	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	87
4	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	87
5	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20430

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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
Octane, 2,6-dim...	11.151	15.3	ng	1978310	2	10.110	2579850	20.0
Dodecane, 2,7,1...	12.551	16.4	ng	2311050	3	14.015	2814210	20.0
Naphthalene, 1,...	12.939	9.7	ng	1359490	3	14.015	2814210	20.0
Naphthalene, 2,...	13.168	17.8	ng	2506230	3	14.015	2814210	20.0
Naphthalene, 1,...	13.327	13.8	ng	1945030	3	14.015	2814210	20.0
Decane, 5-propyl-	13.521	23.4	ng	3287600	3	14.015	2814210	20.0
Naphthalene, 2-...	14.233	15.0	ng	2114890	3	14.015	2814210	20.0
Naphthalene, 2,...	14.427	12.1	ng	1700050	3	14.015	2814210	20.0
Naphthalene, 1,...	14.504	12.6	ng	1771930	3	14.015	2814210	20.0
unknown14.574	14.574	10.1	ng	1423300	3	14.015	2814210	20.0
Naphthalene, 1,...	14.651	17.3	ng	2431410	3	14.015	2814210	20.0
4,6,8-Trimethyl...	14.809	11.4	ng	1596880	3	14.015	2814210	20.0
Naphthalene, 2-...	15.127	10.3	ng	1449110	3	14.015	2814210	20.0
Pentadecane, 2,...	15.321	28.6	ng	4027210	3	14.015	2814210	20.0
1,6-Dimethyl- 3...	15.604	9.4	ng	1207360	4	16.780	2578810	20.0
Pentadecane, 2,...	15.804	40.8	ng	5261940	4	16.780	2578810	20.0
4,4'-Dimethylbi...	16.139	13.2	ng	1703320	4	16.780	2578810	20.0
Tetracosane	16.627	30.2	ng	3897220	4	16.780	2578810	20.0
Phenanthrene, 2...	17.709	15.0	ng	1935730	4	16.780	2578810	20.0
9,10-Dimethylan...	18.592	12.3	ng	1586170	4	16.780	2578810	20.0