

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019713.D
 Acq On : 14 Feb 2024 21:44
 Operator : MA/JU
 Sample : P1464-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PN-2(NORTH-AREA)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019713.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	323	330	335	rBV	46774	68031	2.40%	0.186%
2	5.481	399	407	414	rBV	820951	1217838	42.96%	3.334%
3	7.081	669	679	692	rVB	736468	1208897	42.64%	3.310%
4	7.905	807	819	826	rBV	275608	455576	16.07%	1.247%
5	9.005	994	1006	1011	rBV5	36560	83330	2.94%	0.228%
6	9.075	1011	1018	1025	rBV	469430	806505	28.45%	2.208%
7	9.252	1043	1048	1056	rVB9	24168	52747	1.86%	0.144%
8	9.357	1056	1066	1072	rBV9	16110	46913	1.65%	0.128%
9	9.534	1091	1096	1104	rBV4	29922	73750	2.60%	0.202%
10	9.616	1105	1110	1114	rVB5	27420	42045	1.48%	0.115%
11	9.781	1131	1138	1142	rBV5	27342	64122	2.26%	0.176%
12	9.822	1142	1145	1149	rVV3	22388	31199	1.10%	0.085%
13	9.875	1149	1154	1163	rVV7	44818	95112	3.36%	0.260%
14	10.104	1187	1193	1197	rBV2	48386	101256	3.57%	0.277%
15	10.281	1217	1223	1233	rBV8	32600	85547	3.02%	0.234%
16	10.404	1239	1244	1252	rBV2	31798	74603	2.63%	0.204%
17	10.481	1253	1257	1261	rBV5	19890	29688	1.05%	0.081%
18	10.569	1266	1272	1274	rBV4	28478	56685	2.00%	0.155%
19	10.704	1283	1295	1300	rBV	324630	708534	24.99%	1.940%
20	10.752	1301	1303	1310	rVV5	69916	126331	4.46%	0.346%
21	10.816	1310	1314	1318	rVV3	70648	110398	3.89%	0.302%
22	10.863	1318	1322	1327	rVB	78709	113152	3.99%	0.310%
23	10.922	1328	1332	1340	rVB4	45423	80577	2.84%	0.221%
24	10.999	1340	1345	1351	rVB6	27967	50745	1.79%	0.139%
25	11.093	1355	1361	1366	rBV6	29234	81637	2.88%	0.224%
26	11.187	1373	1377	1383	rBV4	42717	64612	2.28%	0.177%
27	11.322	1396	1400	1403	rBV4	32528	52030	1.84%	0.142%
28	11.363	1403	1407	1411	rBV3	74246	150336	5.30%	0.412%
29	11.481	1421	1427	1432	rBV6	42274	92520	3.26%	0.253%
30	11.622	1445	1451	1458	rVB5	82060	172618	6.09%	0.473%
31	11.728	1464	1469	1475	rBV	295304	527935	18.62%	1.445%
32	11.922	1499	1502	1506	rBV	33125	35143	1.24%	0.096%
33	12.122	1527	1536	1538	rBV4	60922	165528	5.84%	0.453%
34	12.328	1564	1571	1582	rVB7	115305	438931	15.48%	1.202%
35	12.487	1596	1598	1601	rBV3	29025	38219	1.35%	0.105%
36	12.581	1607	1614	1624	rBV4	132576	375947	13.26%	1.029%

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37	12.663	1626	1628	1632	rVB2	60408	67745	2.39%	0.185%
38	12.816	1652	1654	1661	rVB2	106275	186877	6.59%	0.512%
39	12.893	1663	1667	1672	rVB5	72052	112335	3.96%	0.308%
40	13.028	1687	1690	1691	rBV2	61557	61231	2.16%	0.168%
41	13.081	1694	1699	1704	rVV	492457	763438	26.93%	2.090%
42	13.134	1704	1708	1709	rVV3	94842	128915	4.55%	0.353%
43	13.169	1709	1714	1725	rVB	1143498	1771062	62.47%	4.849%
44	13.387	1748	1751	1755	rVB3	113177	155602	5.49%	0.426%
45	13.463	1760	1764	1772	rBV4	87661	204258	7.21%	0.559%
46	13.534	1773	1776	1779	rVB3	81979	101861	3.59%	0.279%
47	13.575	1780	1783	1784	rBV	88301	89716	3.16%	0.246%
48	13.710	1799	1806	1820	rBV2	259997	817714	28.84%	2.239%
49	13.869	1827	1833	1838	rBV	441752	812883	28.67%	2.226%
50	13.922	1838	1842	1844	rVV	153634	221676	7.82%	0.607%
51	13.951	1845	1847	1852	rVB	221195	283825	10.01%	0.777%
52	14.028	1855	1860	1864	rVB	831490	1162984	41.02%	3.184%
53	14.098	1864	1872	1876	rBV3	203068	474385	16.73%	1.299%
54	14.193	1884	1888	1892	rVB6	79069	132320	4.67%	0.362%
55	14.240	1892	1896	1897	rBV2	86821	112773	3.98%	0.309%
56	14.269	1898	1901	1908	rVB5	153805	283915	10.01%	0.777%
57	14.369	1914	1918	1925	rVB4	232635	459500	16.21%	1.258%
58	14.445	1926	1931	1935	rBV3	121516	228417	8.06%	0.625%
59	14.540	1939	1947	1954	rVB2	559560	1178766	41.58%	3.227%
60	14.634	1961	1963	1967	rVB4	124920	127044	4.48%	0.348%
61	14.669	1967	1969	1972	rVB	74595	70589	2.49%	0.193%
62	14.757	1979	1984	1992	rVB	330266	889983	31.39%	2.437%
63	14.840	1995	1998	2003	rBV4	86008	160571	5.66%	0.440%
64	14.945	2011	2016	2021	rVB2	501555	754792	26.63%	2.067%
65	15.022	2025	2029	2033	rVB	335943	453894	16.01%	1.243%
66	15.069	2033	2037	2042	rBV3	270380	426357	15.04%	1.167%
67	15.163	2048	2053	2058	rBV	341018	593556	20.94%	1.625%
68	15.216	2059	2062	2066	rVB	246274	321505	11.34%	0.880%
69	15.328	2076	2081	2085	rBV4	173486	341262	12.04%	0.934%
70	15.369	2085	2088	2091	rVB	140266	162163	5.72%	0.444%
71	15.498	2107	2110	2119	rVB6	175158	289610	10.22%	0.793%
72	15.587	2122	2125	2129	rVV2	113702	150924	5.32%	0.413%
73	15.645	2132	2135	2139	rVB2	149306	209391	7.39%	0.573%
74	15.804	2158	2162	2168	rVB	688856	1041431	36.74%	2.851%
75	15.969	2186	2190	2193	rBV5	95313	174344	6.15%	0.477%
76	16.039	2194	2202	2210	rVV4	1106793	1966705	69.37%	5.385%

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77	16.104	2210	2213	2218	rVV2	120630	188047	6.63%	0.515%
78	16.287	2237	2244	2249	rBV2	877976	1595814	56.29%	4.369%
79	16.404	2262	2264	2268	rVB	115155	133319	4.70%	0.365%
80	16.657	2303	2307	2313	rBV4	238686	378865	13.36%	1.037%
81	16.951	2355	2357	2363	rVB5	91001	128882	4.55%	0.353%
82	17.116	2380	2385	2397	rVB2	469259	925892	32.66%	2.535%
83	17.304	2412	2417	2421	rBV	588681	881898	31.11%	2.415%
84	17.345	2421	2424	2430	rVB	187470	259324	9.15%	0.710%
85	18.169	2560	2564	2566	rBV	178543	256513	9.05%	0.702%
86	18.198	2566	2569	2579	rVB2	317235	666392	23.51%	1.825%
87	18.345	2591	2594	2598	rBV2	113764	143022	5.05%	0.392%
88	19.310	2755	2758	2762	rBV	261624	327498	11.55%	0.897%
89	19.663	2814	2818	2826	rVB2	249208	426772	15.05%	1.168%
90	19.863	2848	2852	2857	rBV	2234688	2834899	100.00%	7.762%
91	21.104	3061	3063	3070	rVB4	243566	367719	12.97%	1.007%
92	21.392	3108	3112	3117	rVB	801838	1083914	38.23%	2.968%

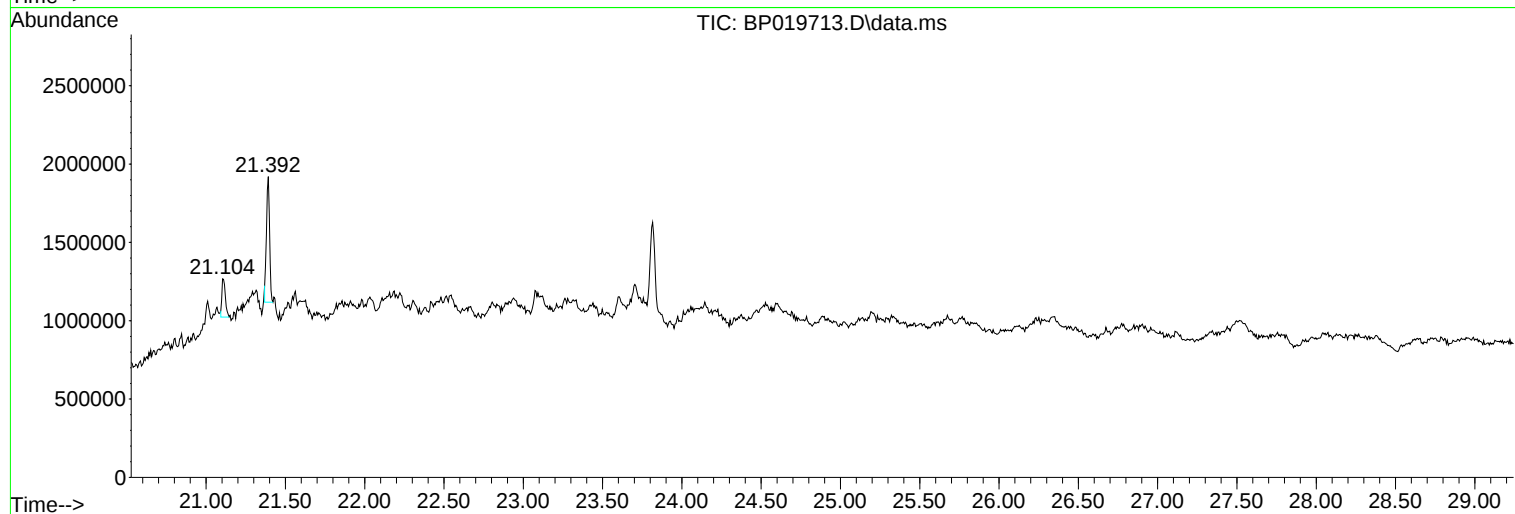
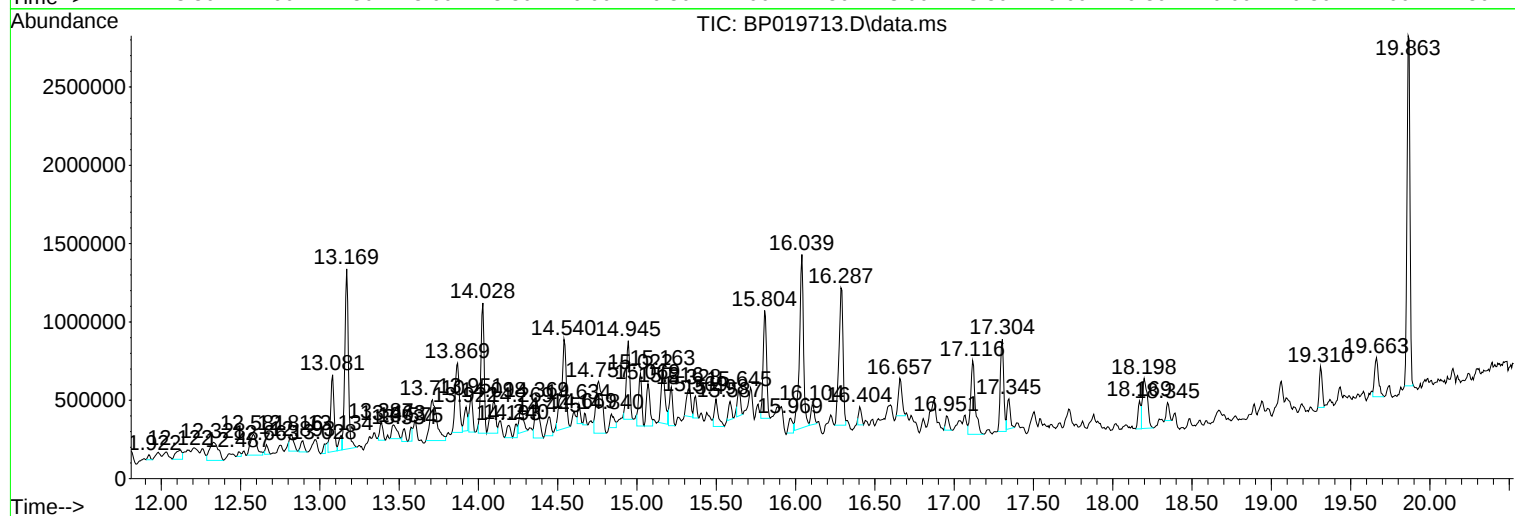
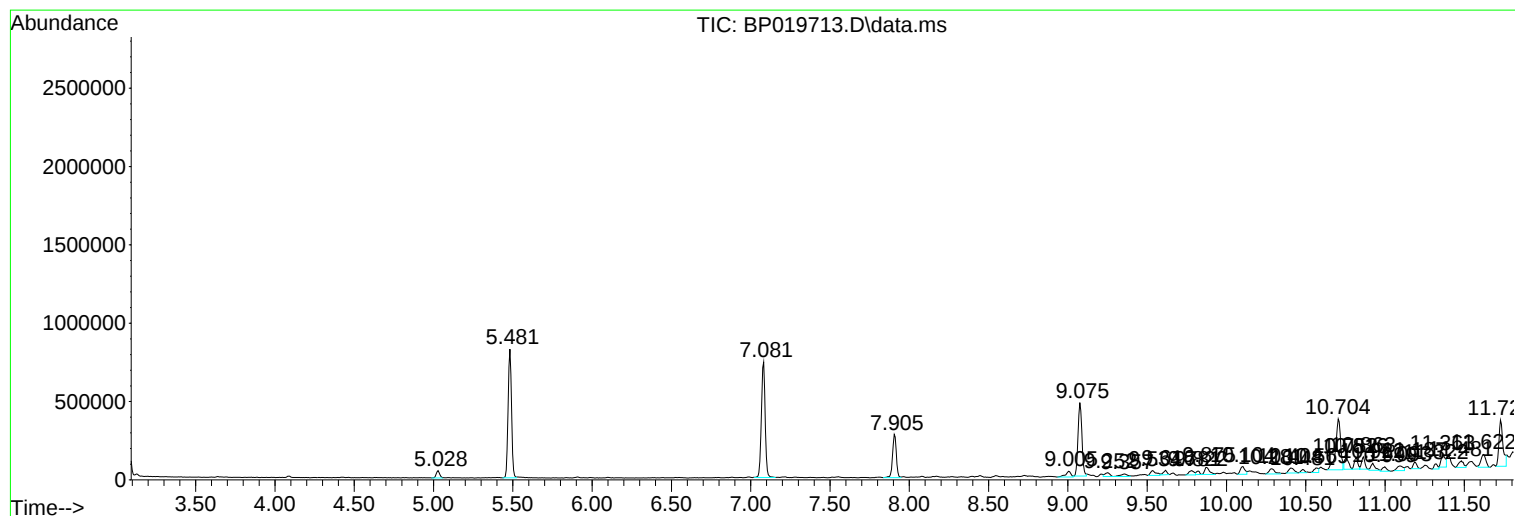
Sum of corrected areas: 36524126

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
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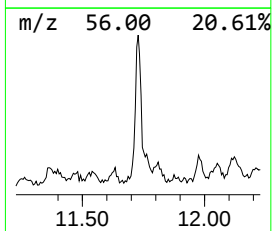
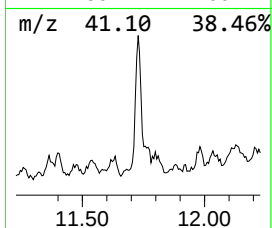
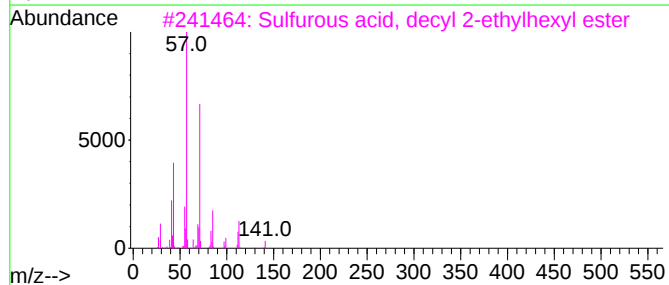
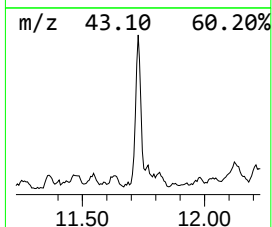
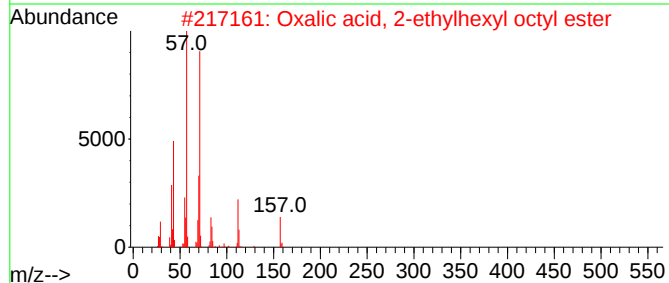
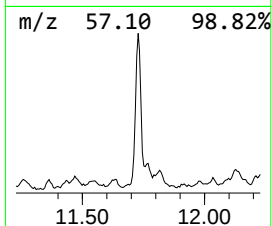
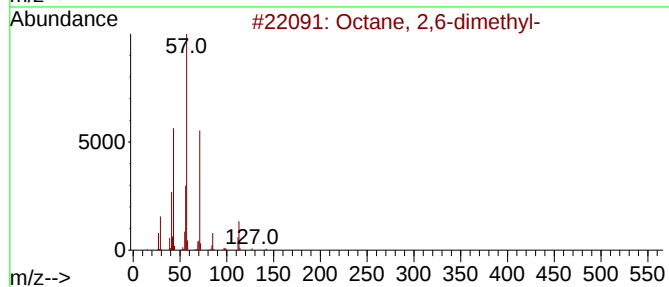
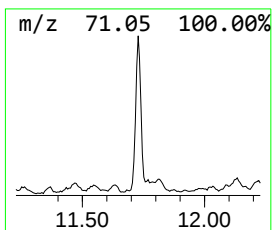
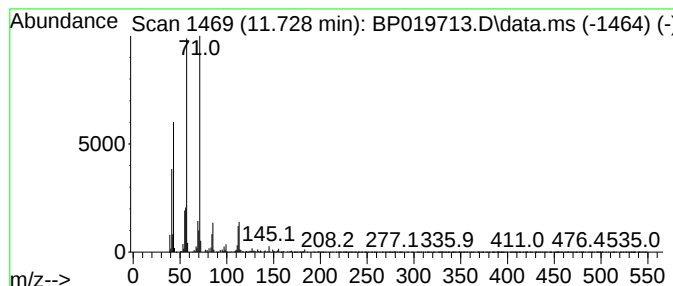
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.728	14.90 ng	527935	Naphthalene-d8	10.704

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52
4			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	49
5			(+)-3-Methyl-1-penten-3-ol	100	C6H12O	1010238-75-4	47



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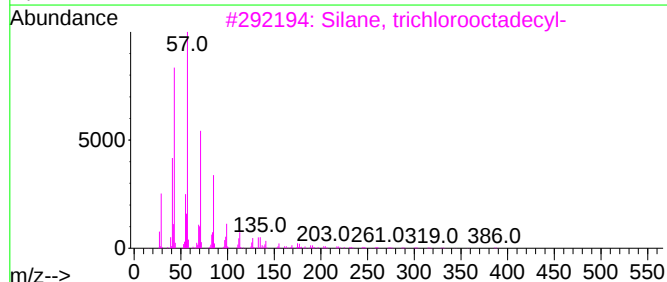
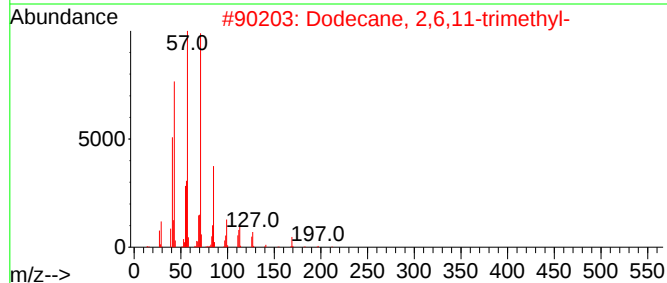
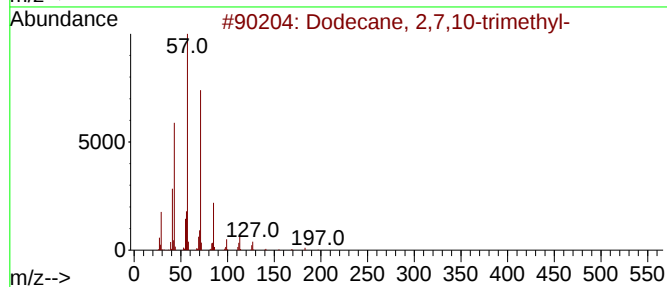
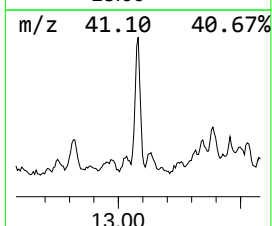
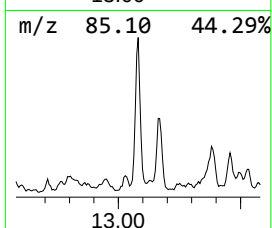
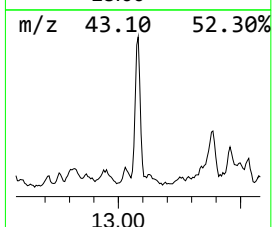
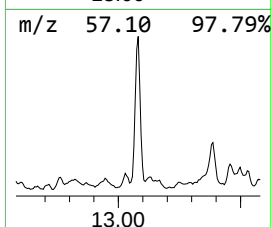
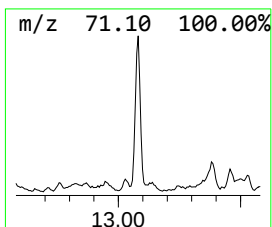
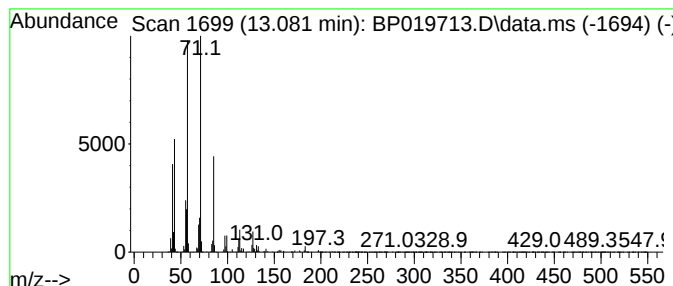
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.081	12.95 ng	763438	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	68
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



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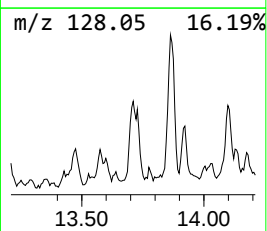
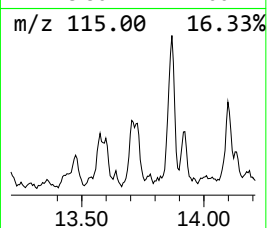
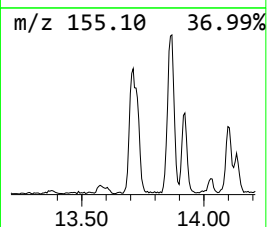
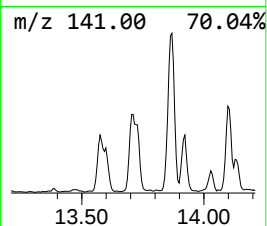
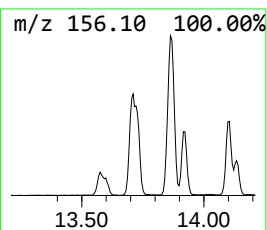
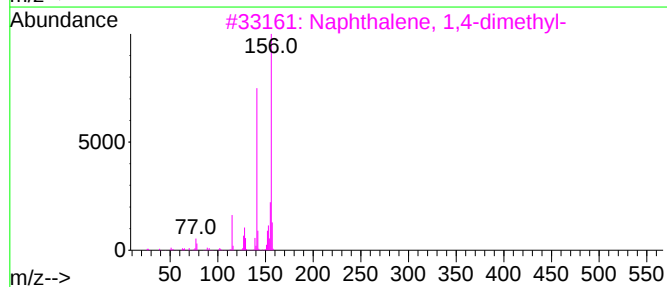
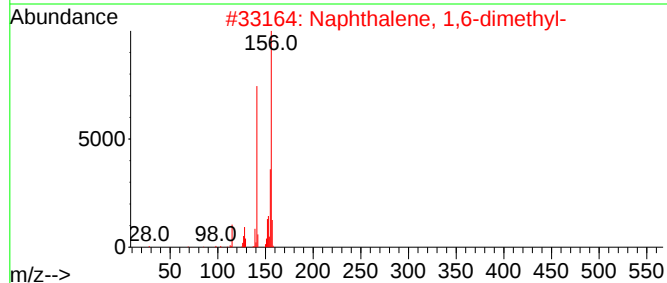
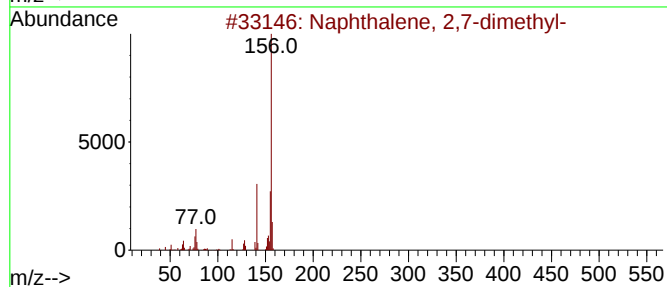
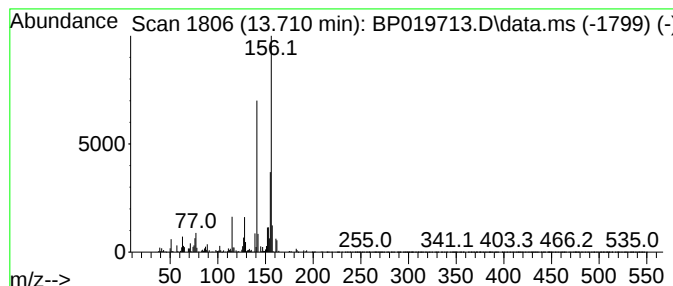
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	13.87 ng	817714	Acenaphthene-d10	14.540

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, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PN-2(NORTH-AREA)

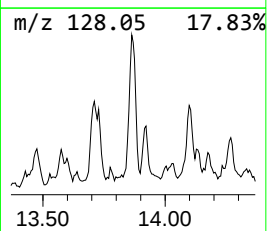
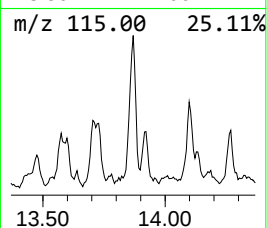
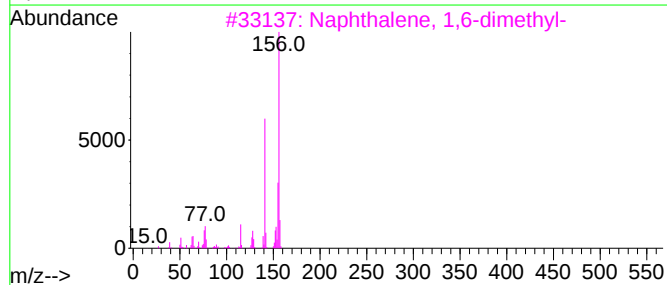
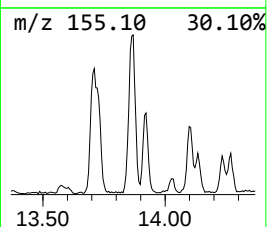
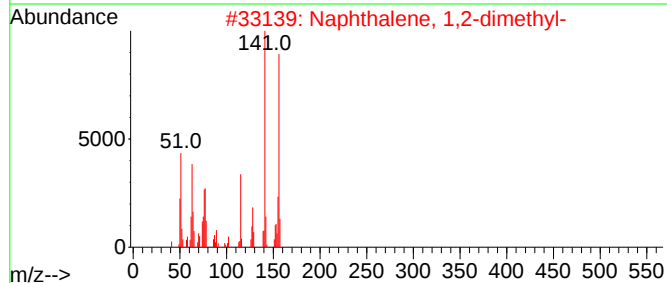
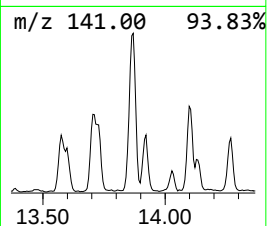
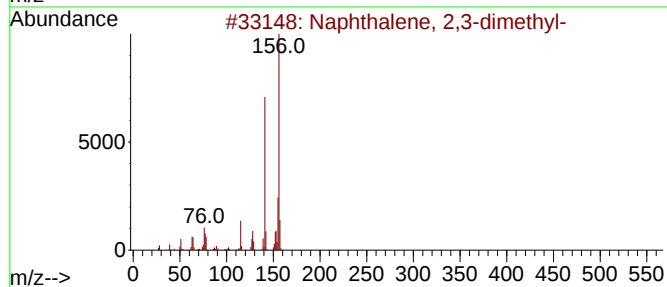
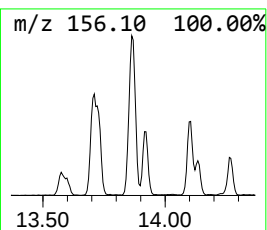
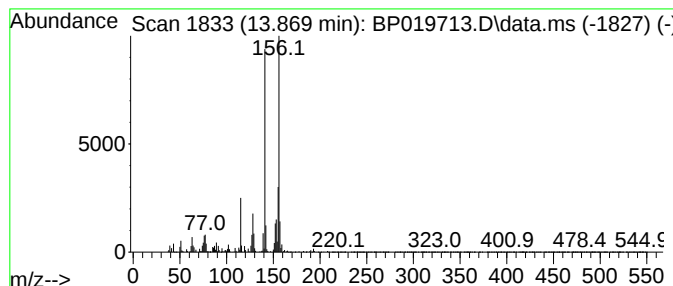
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.869	13.79 ng	812883	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PN-2(NORTH-AREA)

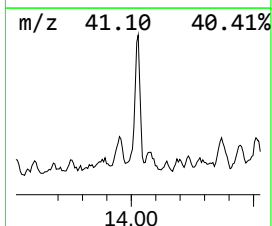
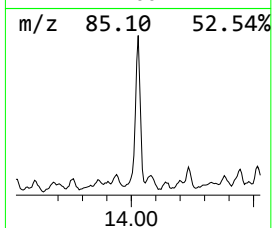
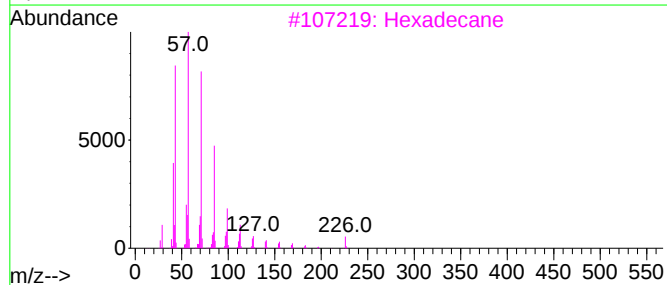
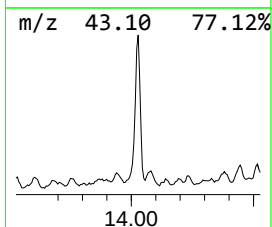
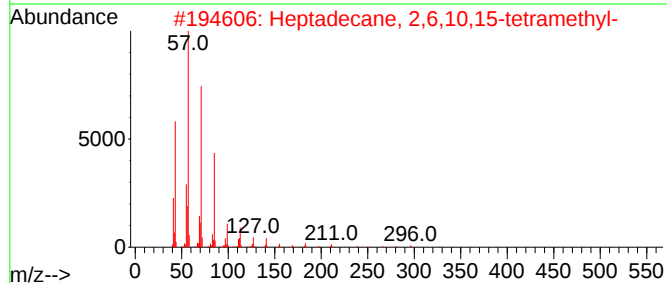
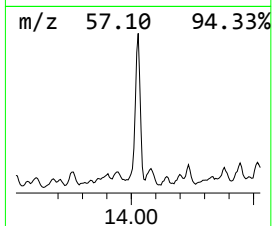
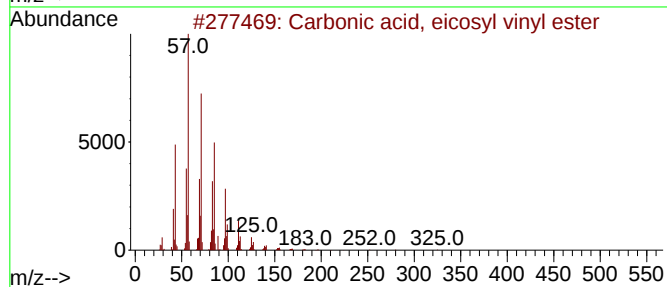
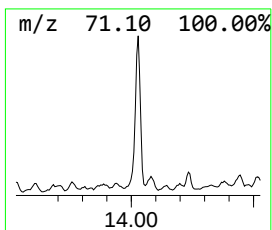
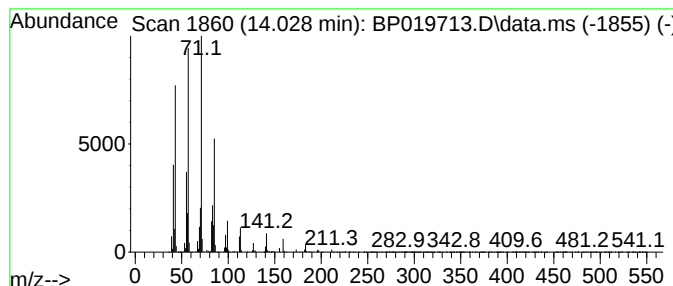
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.028	19.73 ng	1162980	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	68
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

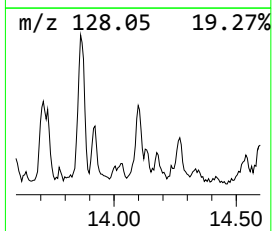
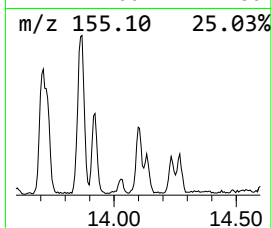
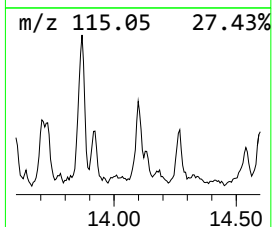
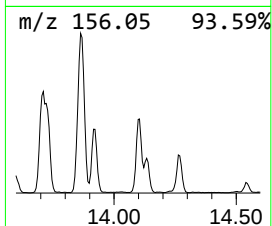
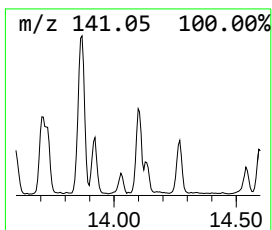
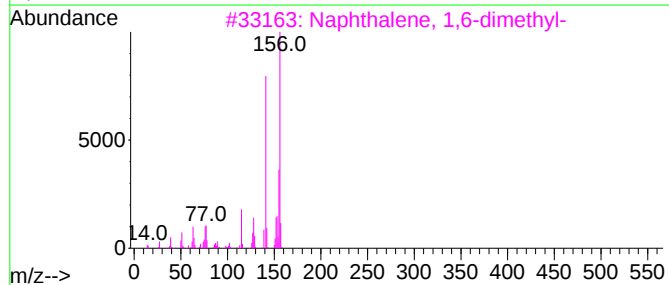
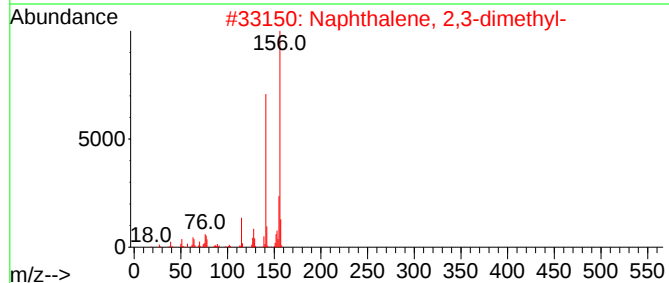
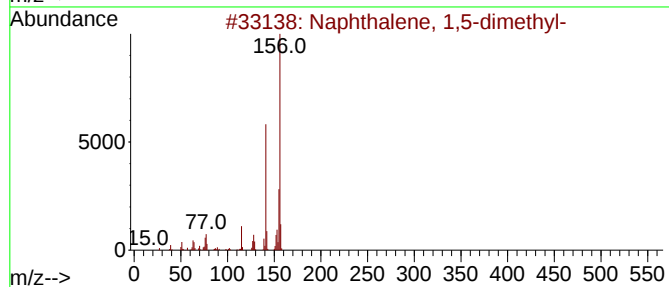
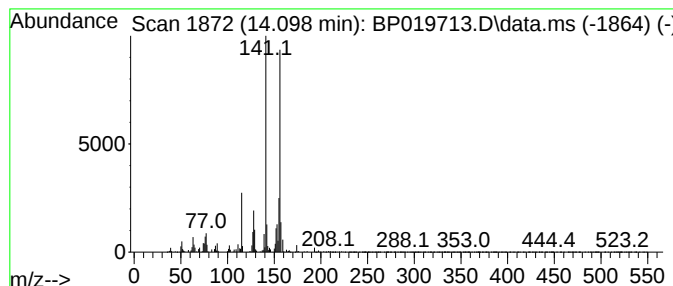
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	8.05 ng	474385	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

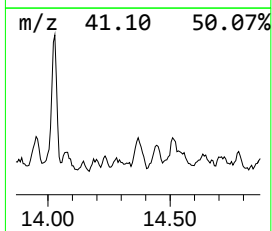
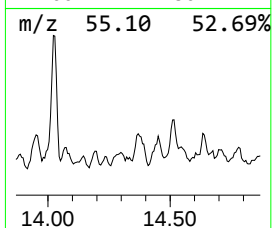
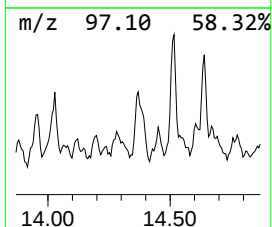
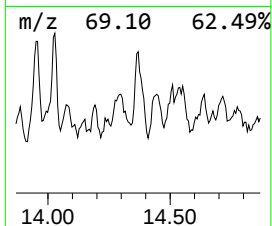
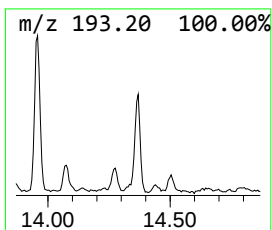
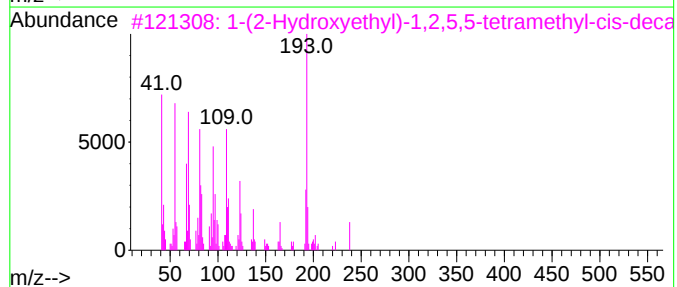
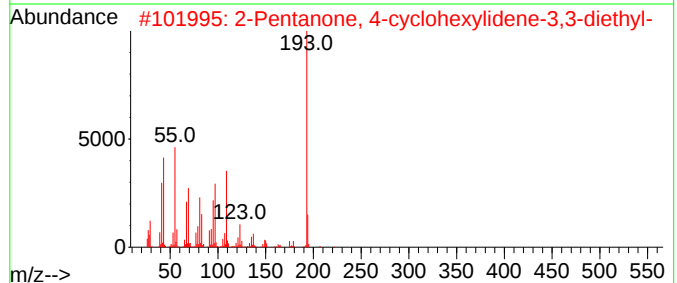
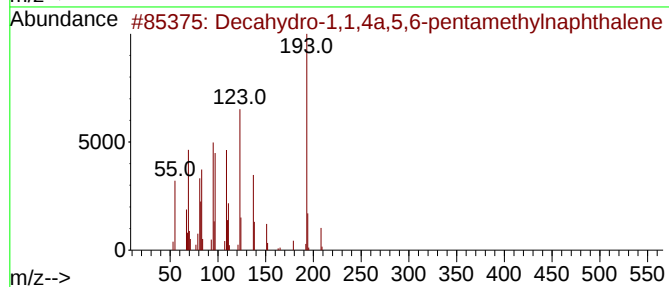
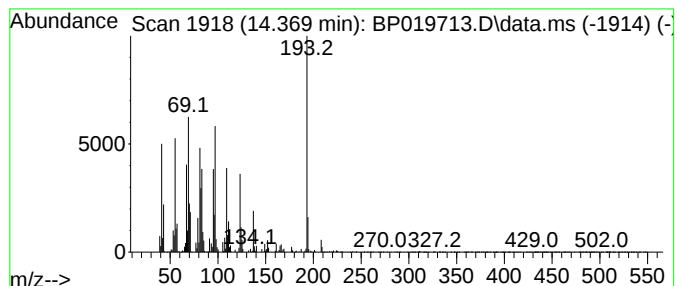
Instrument :
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ClientSampleId :
PN-2(NORTH-AREA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.369	7.80 ng	459500	Acenaphthene-d10		14.540	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	55
2	2-Pentanone, 4-cyclohexylidene-3...		222	C15H26O	313253-65-5	50
3	1-(2-Hydroxyethyl)-1,2,5,5-tetra...		238	C16H30O	1010298-97-4	50
4	Silane, chlorodiethylhexyloxy-		222	C10H23ClOSi	1000363-74-4	37
5	Iminostilbene		193	C14H11N	000256-96-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
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Instrument :
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ClientSampleId :
PN-2(NORTH-AREA)

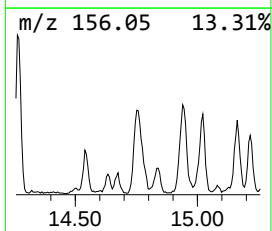
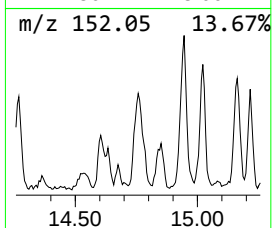
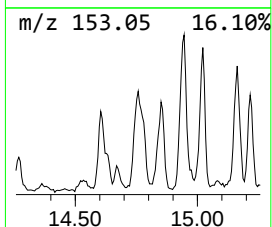
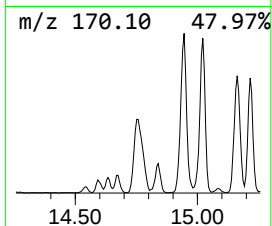
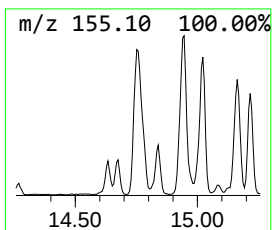
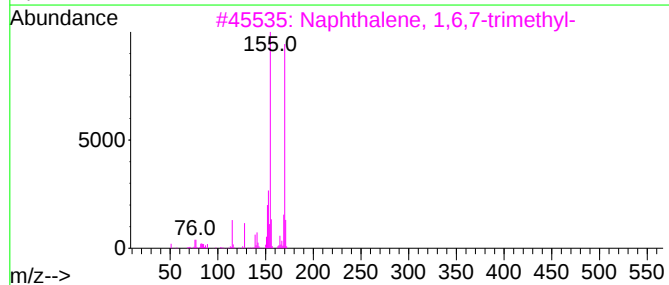
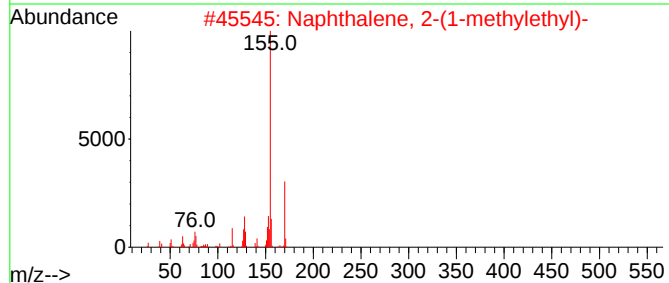
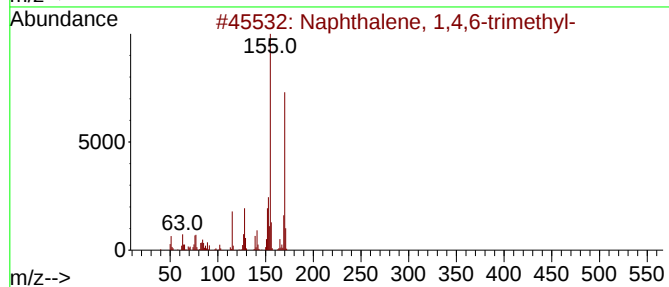
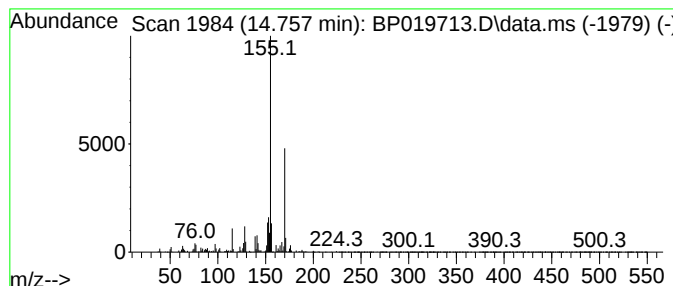
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	15.10 ng	889983	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4			4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	87
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
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Acq On : 14 Feb 2024 21:44
Operator : MA/JU
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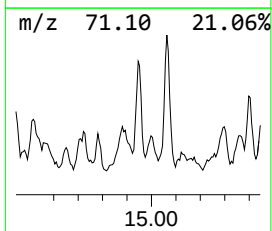
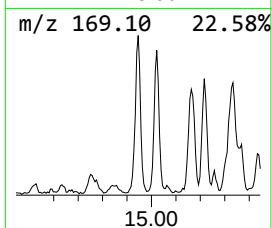
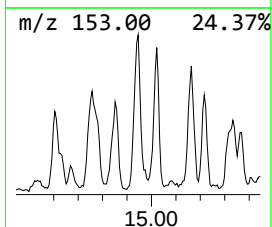
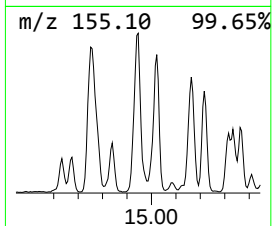
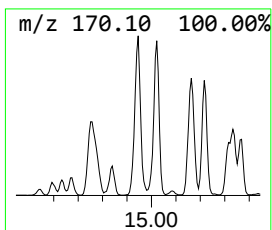
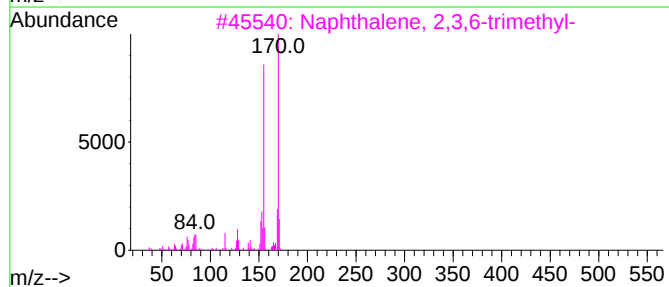
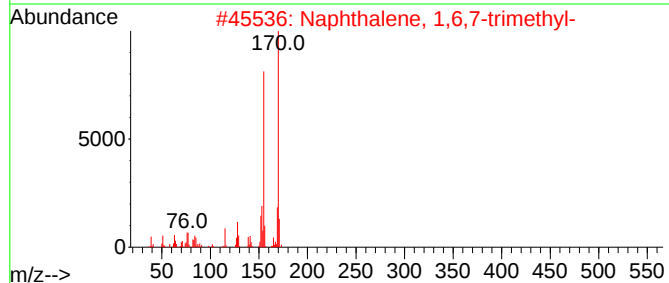
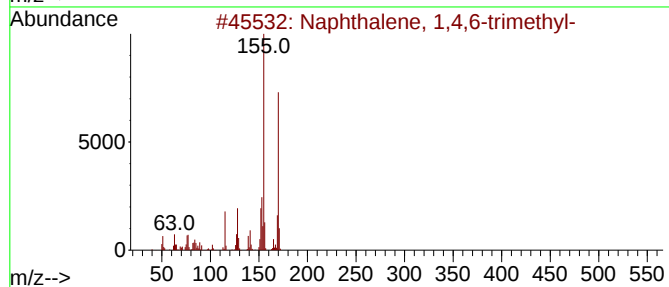
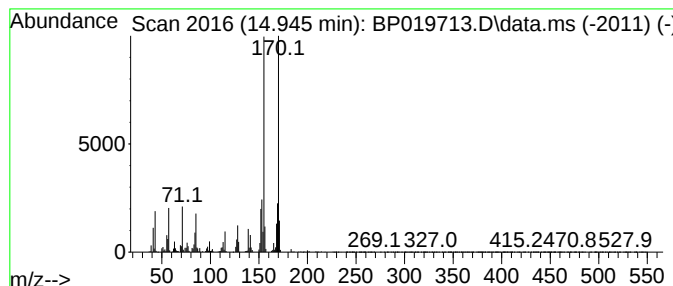
Instrument :
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ClientSampleId :
PN-2(NORTH-AREA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.945	12.81 ng	754792	Acenaphthene-d10	14.540	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
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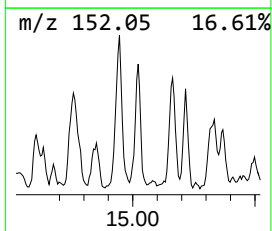
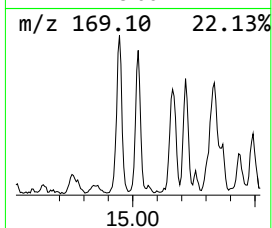
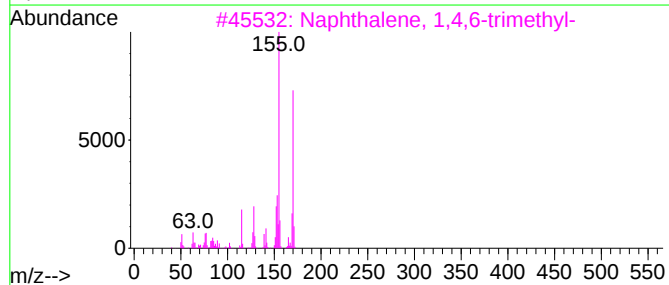
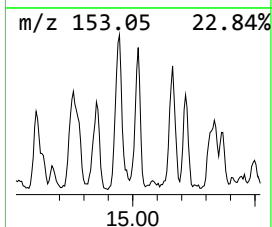
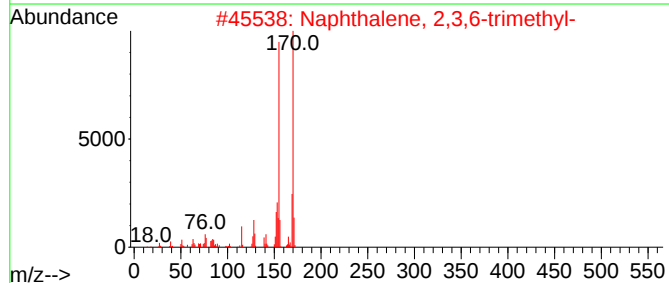
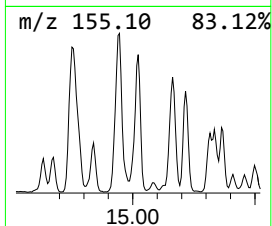
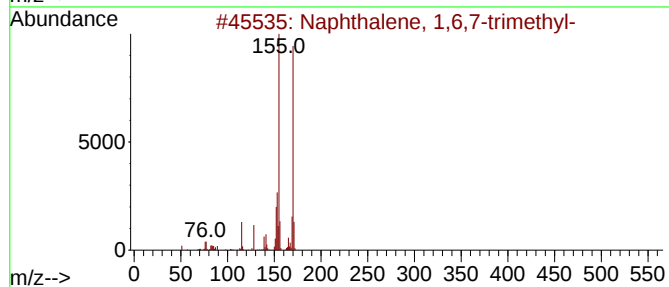
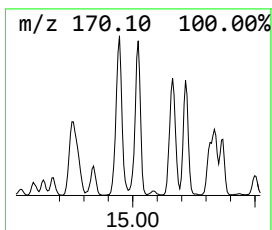
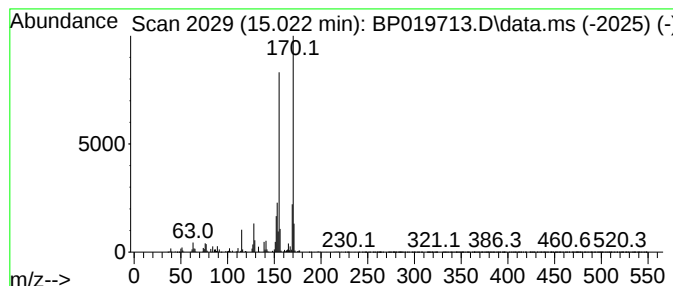
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ClientSampleId :
PN-2(NORTH-AREA)

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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 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.022	7.70 ng	453894	Acenaphthene-d10	14.540	
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	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

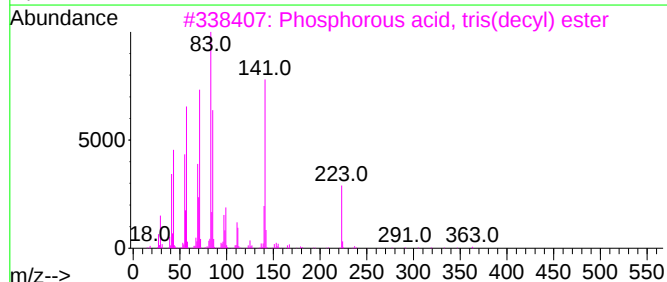
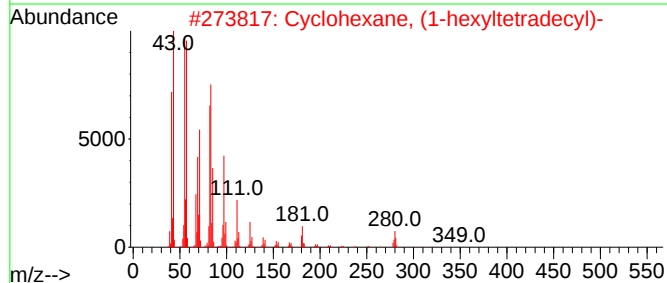
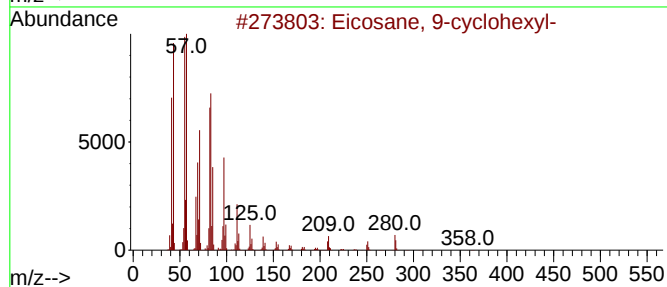
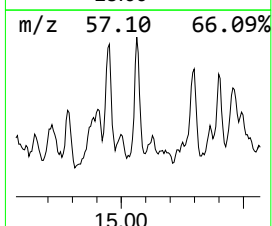
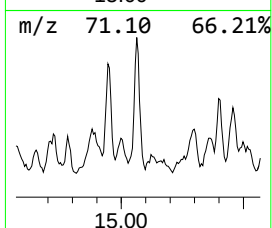
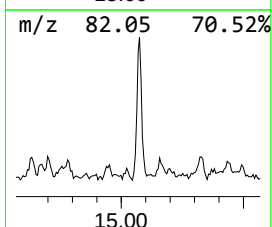
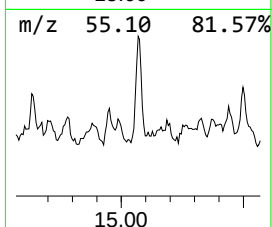
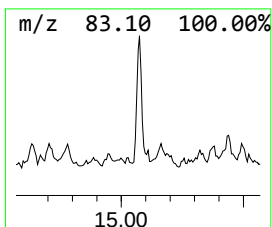
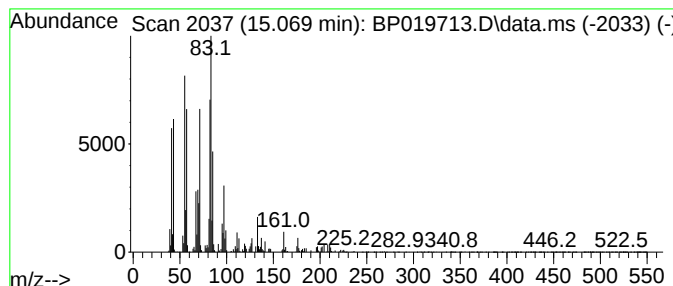
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane, 9-cyclohexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.069	7.23 ng	426357	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	72
2			Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	64
3			Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	58
4			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	46
5			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

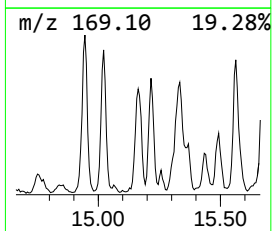
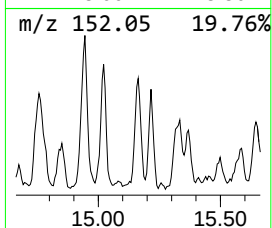
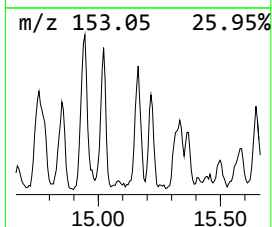
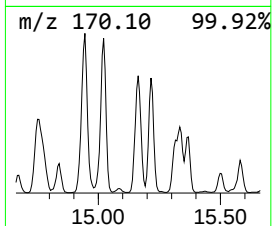
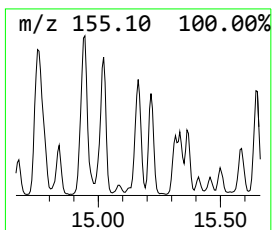
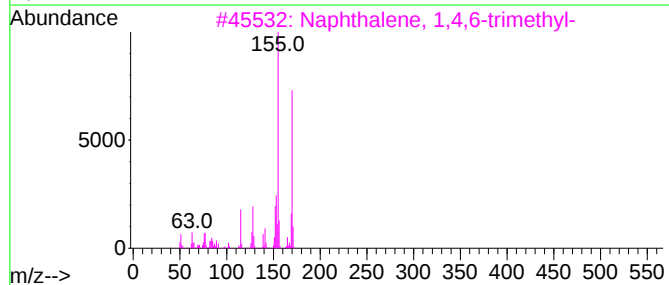
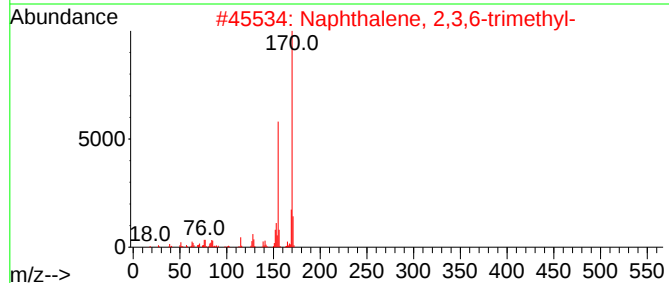
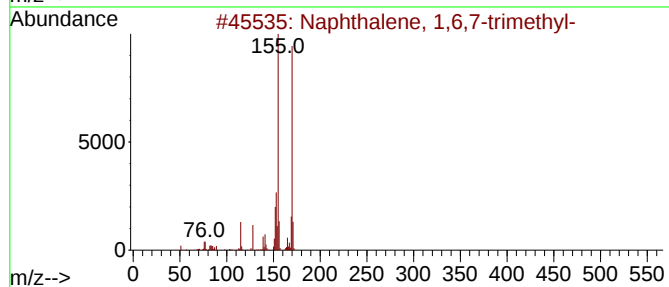
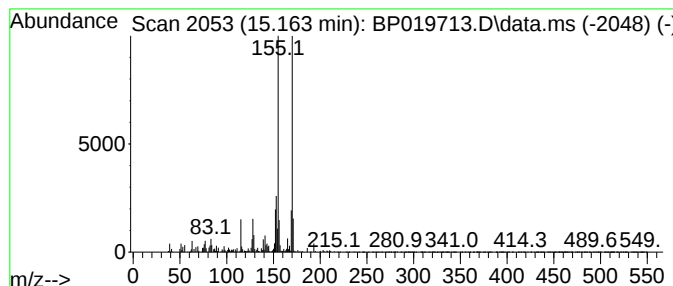
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.163	10.07 ng	593556	Acenaphthene-d10	14.540

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	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PN-2(NORTH-AREA)

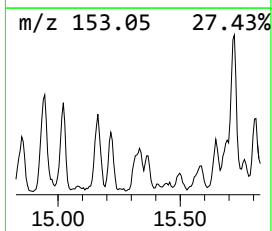
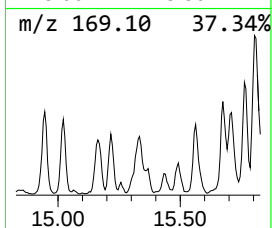
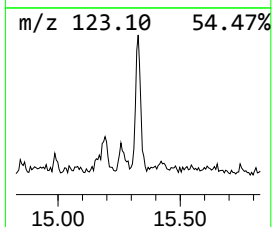
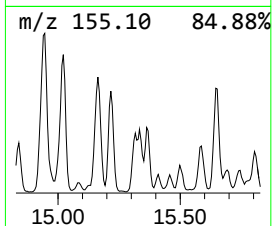
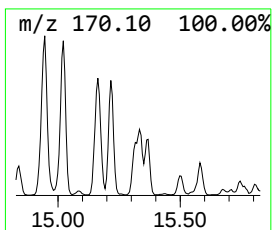
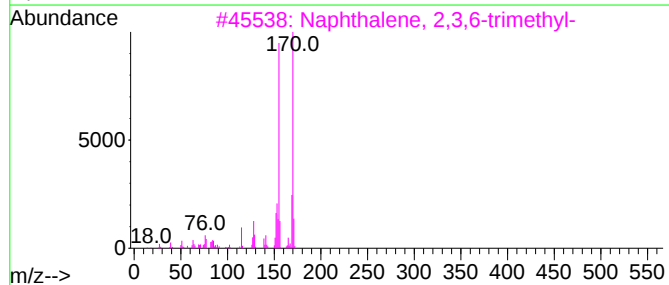
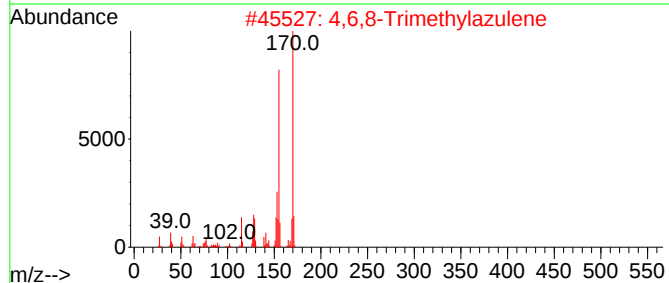
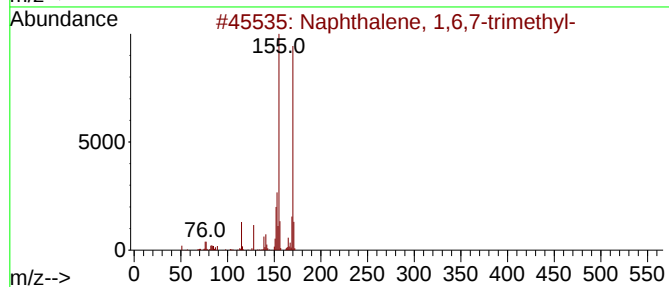
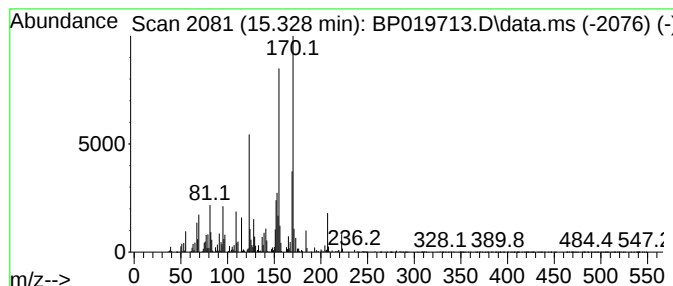
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	5.79 ng	341262	Acenaphthene-d10	14.540

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PN-2(NORTH-AREA)

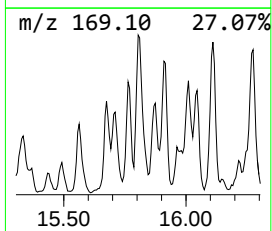
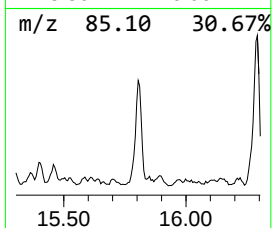
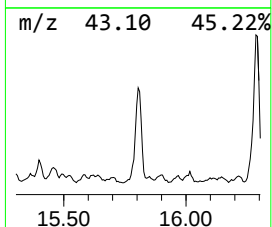
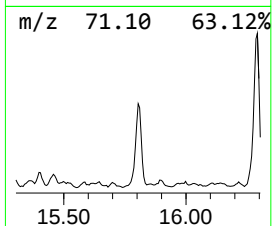
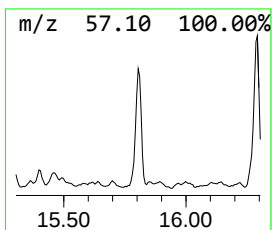
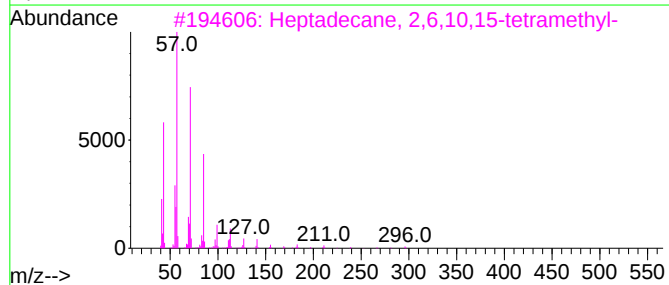
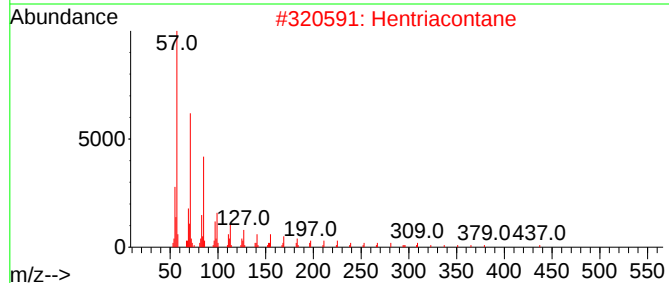
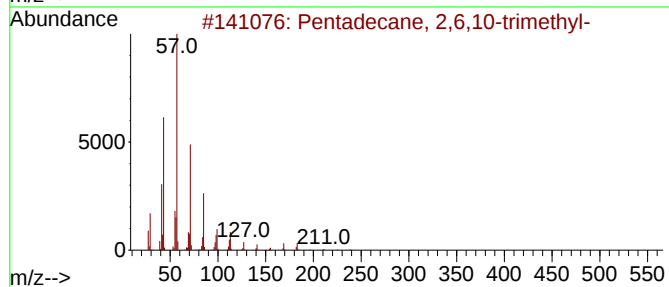
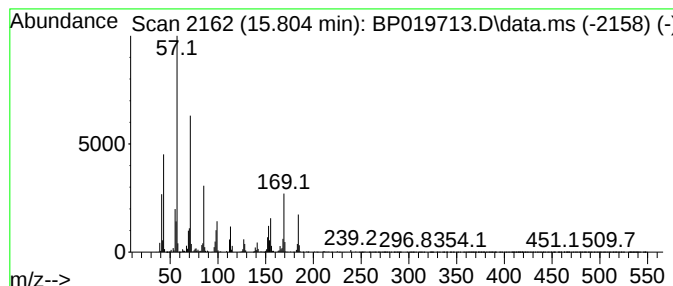
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	17.67 ng	1041430	Acenaphthene-d10	14.540

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	52
2		Hentriacontane	437	C31H64	000630-04-6	49
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
5		Heptacosane	380	C27H56	000593-49-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PN-2(NORTH-AREA)

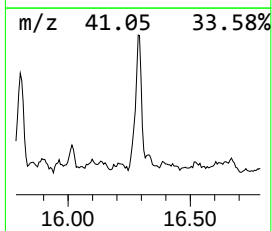
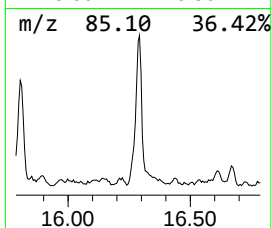
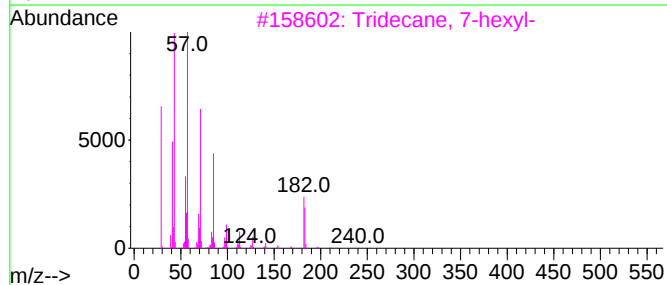
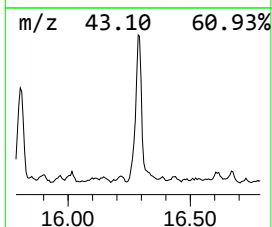
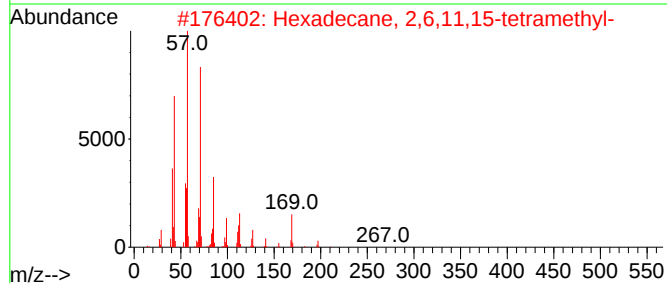
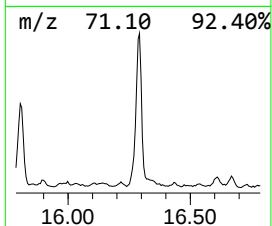
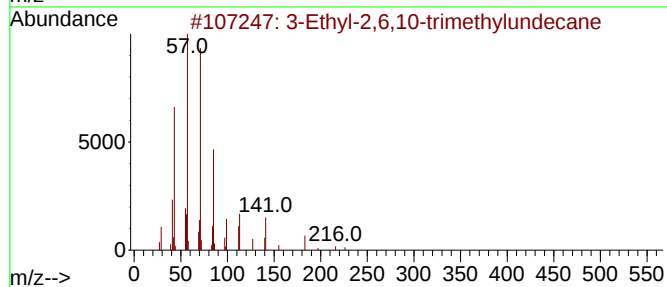
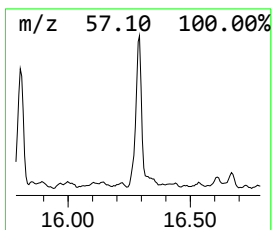
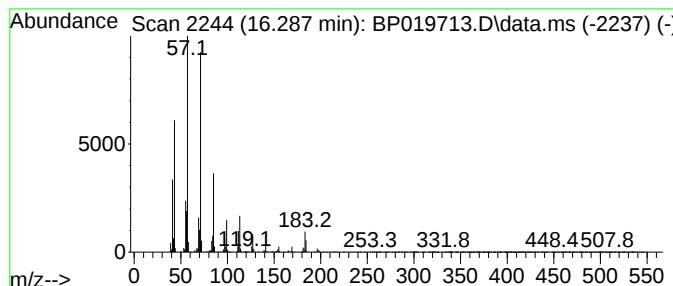
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3-Ethyl-2,6,10-trimethylund... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	36.19 ng	1595810	Phenanthrene-d10	17.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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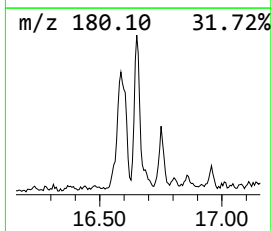
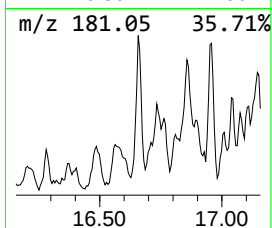
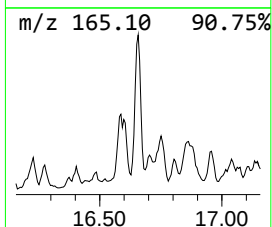
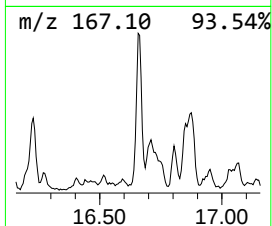
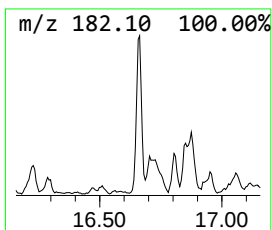
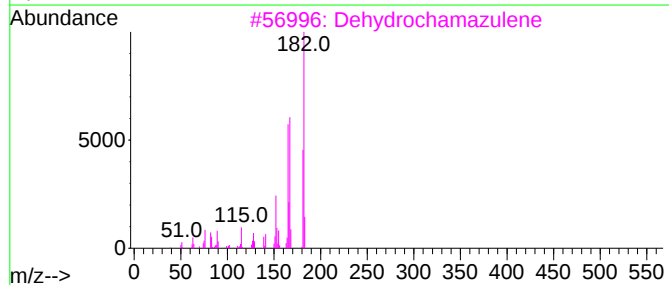
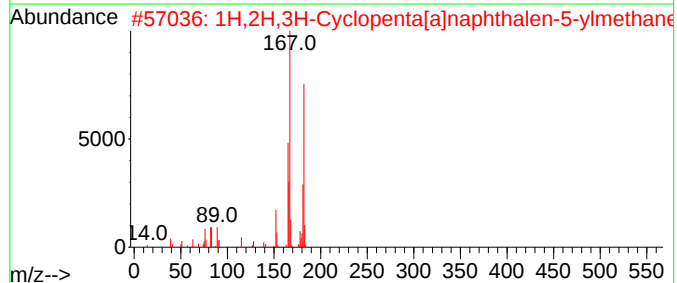
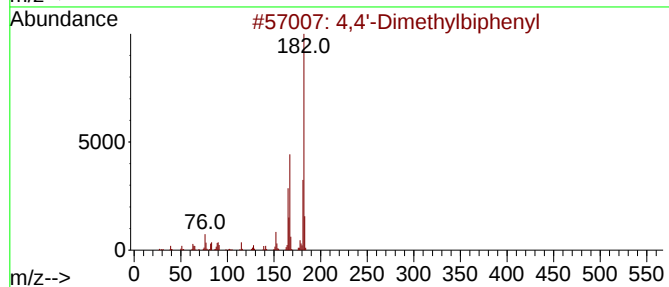
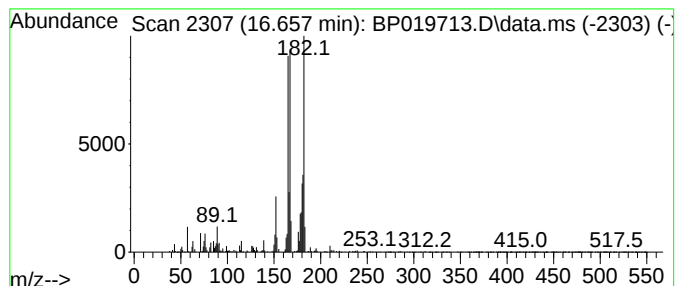
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	8.59 ng	378865	Phenanthrene-d10	17.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	81
2			1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	76
3			Dehydrochamazulene	182	C14H14	321732-25-6	74
4			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	72
5			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

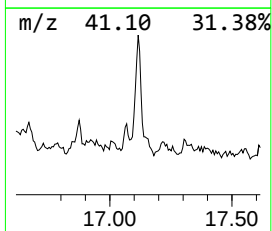
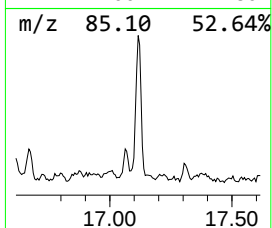
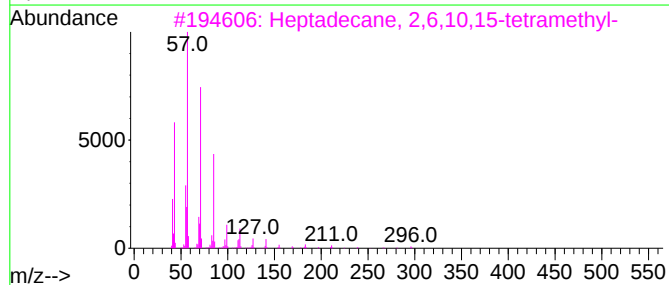
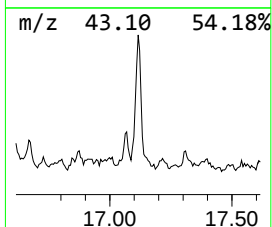
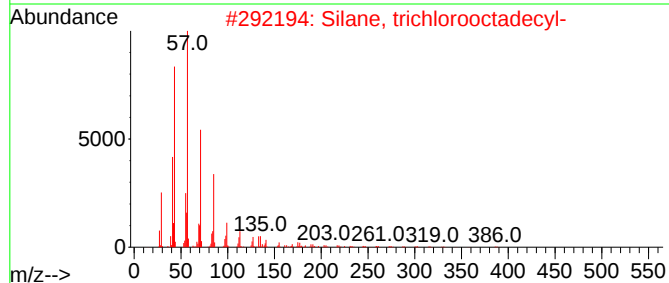
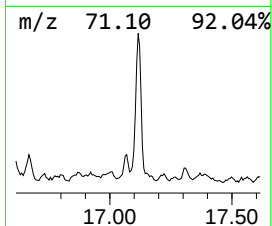
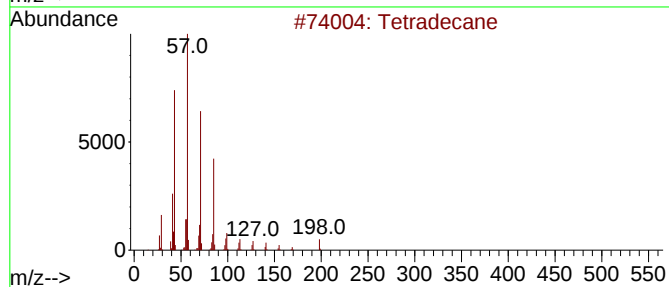
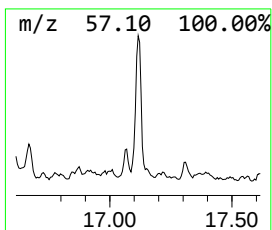
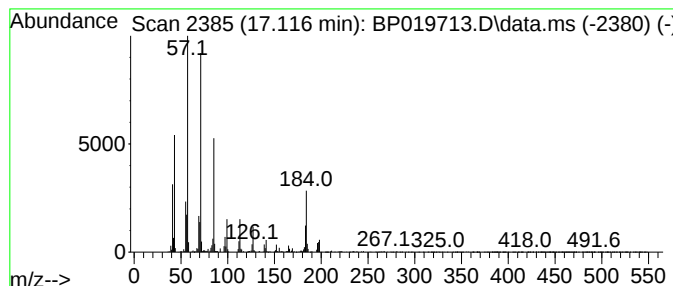
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	21.00 ng	925892	Phenanthrene-d10	17.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	76
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	76
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

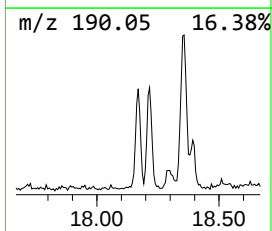
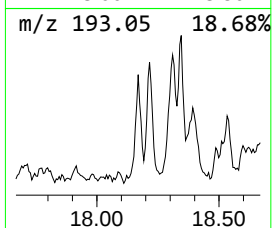
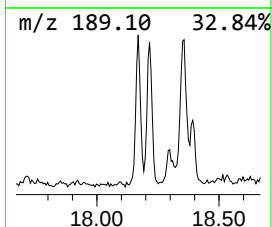
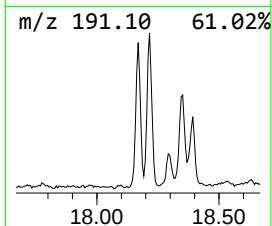
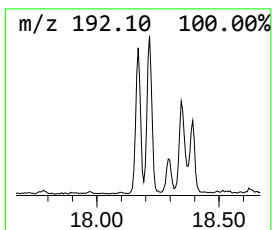
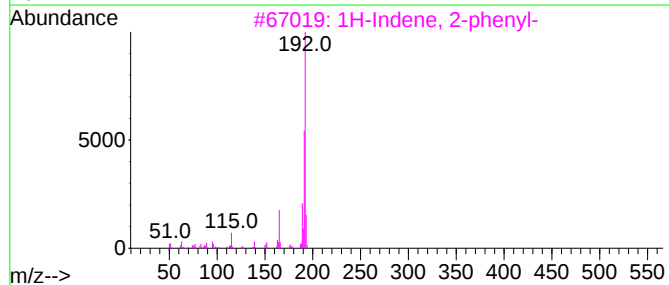
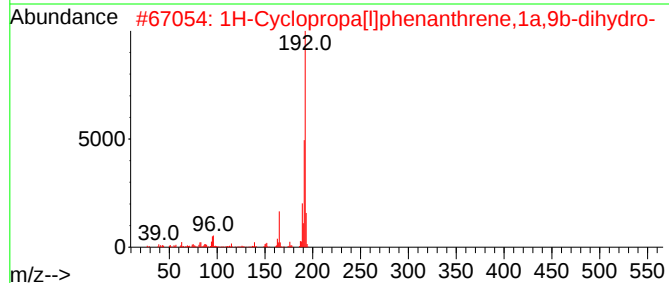
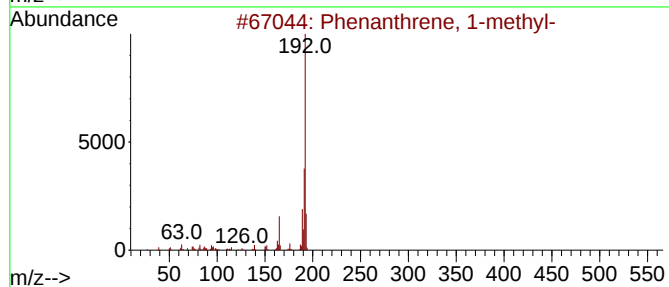
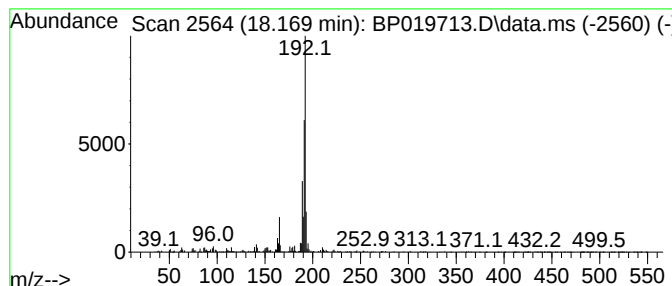
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	5.82 ng	256513	Phenanthrene-d10	17.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

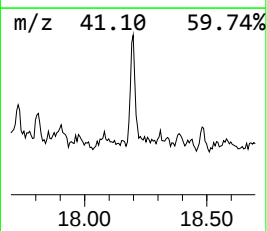
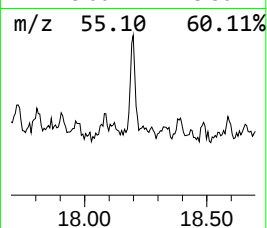
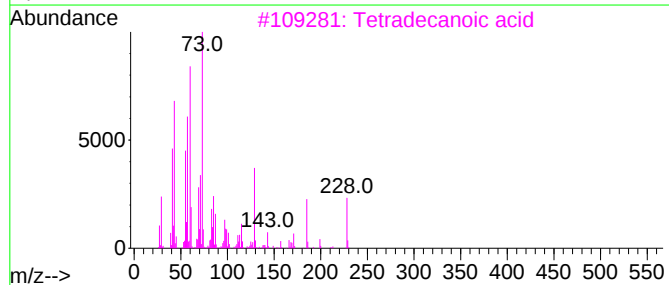
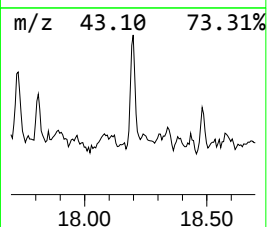
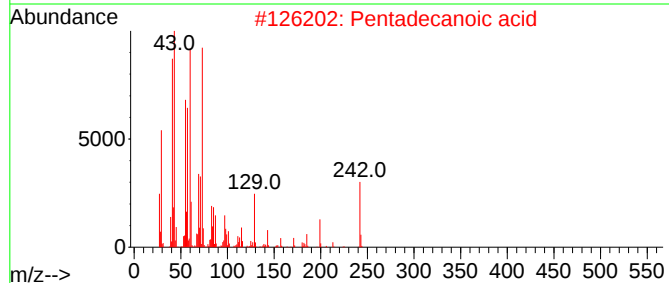
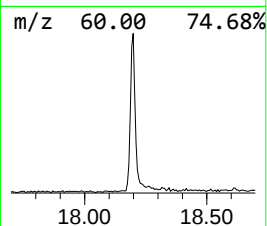
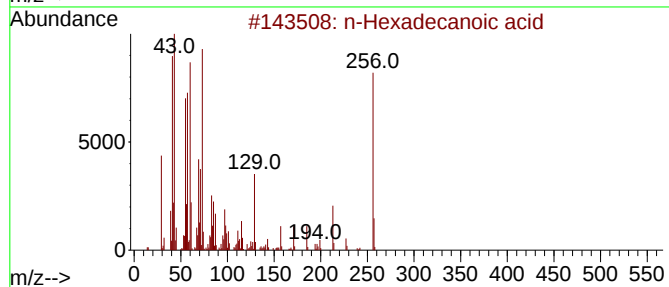
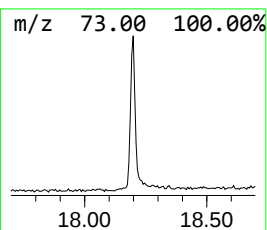
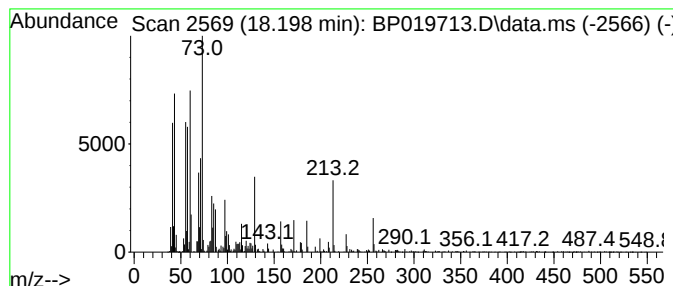
Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.198	15.11 ng	666392	Phenanthrene-d10		17.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	90
4	Tridecanoic acid		214	C13H26O2	000638-53-9	76
5	l-(+)-Ascorbic acid 2,6-dihexade...		652	C38H68O8	028474-90-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

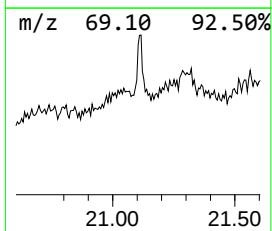
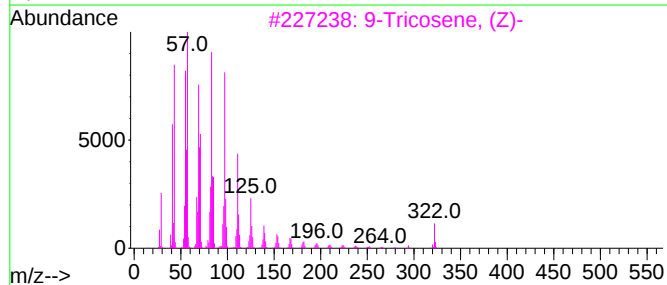
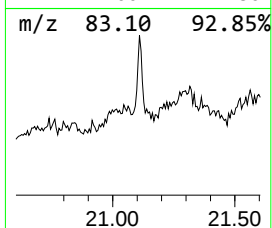
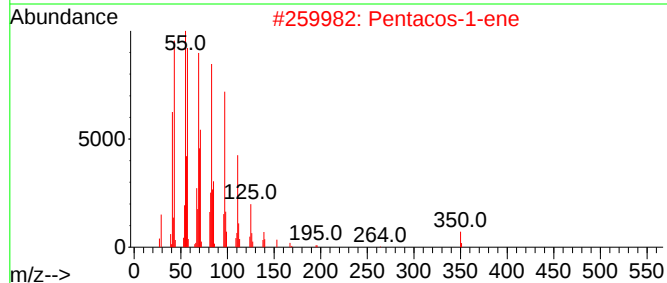
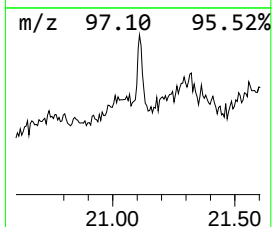
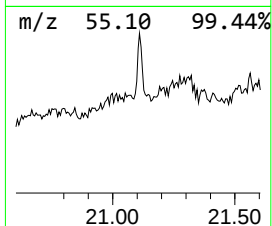
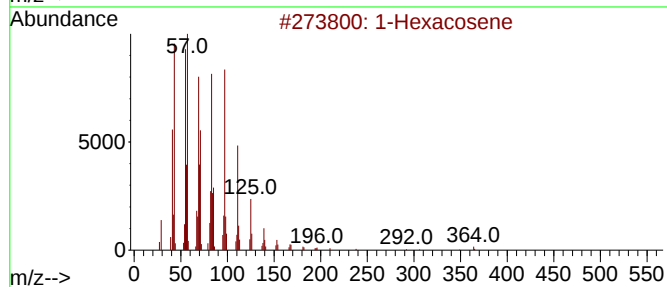
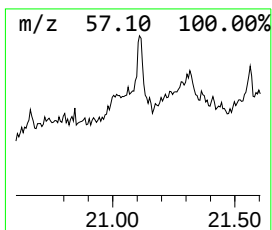
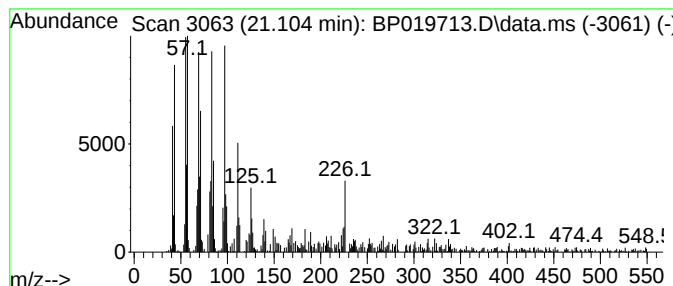
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Hexacosene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	6.79 ng	367719	Chrysene-d12	21.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexacosene	364	C26H52	018835-33-1	99
2			Pentacos-1-ene	350	C25H50	016980-85-1	95
3			9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4			Fumaric acid, 3,5-difluorophenyl...	480	C28H42F2O4	1000339-38-3	94
5			1-Tricosene	322	C23H46	018835-32-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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...	11.728	14.9	ng	527935	2	10.704	708534	20.0
Dodecane, 2,7,1...	13.081	12.9	ng	763438	3	14.540	1178770	20.0
Naphthalene, 2,...	13.710	13.9	ng	817714	3	14.540	1178770	20.0
Naphthalene, 2,...	13.869	13.8	ng	812883	3	14.540	1178770	20.0
Carbonic acid, ...	14.028	19.7	ng	1162980	3	14.540	1178770	20.0
Naphthalene, 1,...	14.098	8.1	ng	474385	3	14.540	1178770	20.0
Decahydro-1,1,4...	14.369	7.8	ng	459500	3	14.540	1178770	20.0
Naphthalene, 1,...	14.757	15.1	ng	889983	3	14.540	1178770	20.0
Naphthalene, 1,...	14.945	12.8	ng	754792	3	14.540	1178770	20.0
Naphthalene, 2,...	15.022	7.7	ng	453894	3	14.540	1178770	20.0
Eicosane, 9-cyc...	15.069	7.2	ng	426357	3	14.540	1178770	20.0
4,6,8-Trimethyl...	15.163	10.1	ng	593556	3	14.540	1178770	20.0
Naphthalene, 1,...	15.328	5.8	ng	341262	3	14.540	1178770	20.0
Pentadecane, 2,...	15.804	17.7	ng	1041430	3	14.540	1178770	20.0
3-Ethyl-2,6,10-...	16.287	36.2	ng	1595810	4	17.304	881898	20.0
4,4'-Dimethylbi...	16.657	8.6	ng	378865	4	17.304	881898	20.0
Tetradecane	17.116	21.0	ng	925892	4	17.304	881898	20.0
Phenanthrene, 1...	18.169	5.8	ng	256513	4	17.304	881898	20.0
n-Hexadecanoic ...	18.198	15.1	ng	666392	4	17.304	881898	20.0
1-Hexacosene	21.104	6.8	ng	367719	5	21.392	1083910	20.0