

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119884.D
 Acq On : 9 Apr 2020 21:54
 Operator : MA/SJ
 Sample : L2123-01 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-040320

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	554	558	569	rVB	501754	454907	38.40%	2.348%
2	6.393	729	732	740	rBV	574938	449206	37.92%	2.319%
3	6.769	792	796	799	rBV	1149919	956512	80.74%	4.937%
4	6.922	818	822	825	rBV	493536	386284	32.60%	1.994%
5	7.328	887	891	894	rBV	335413	268740	22.68%	1.387%
6	8.051	1009	1014	1017	rBV	1481680	1184753	100.00%	6.116%
7	8.863	1149	1152	1159	rVB	56047	52501	4.43%	0.271%
8	9.128	1193	1197	1201	rBV	674599	520561	43.94%	2.687%
9	9.216	1208	1212	1216	rBV2	52443	55966	4.72%	0.289%
10	9.398	1238	1243	1247	rBV3	30979	49302	4.16%	0.254%
11	9.469	1248	1255	1257	rVV	69379	75508	6.37%	0.390%
12	9.492	1257	1259	1261	rVV	52468	38698	3.27%	0.200%
13	9.522	1261	1264	1268	rVV2	64411	92731	7.83%	0.479%
14	9.586	1272	1275	1279	rVB3	37844	46646	3.94%	0.241%
15	9.669	1286	1289	1294	rVB	69028	59993	5.06%	0.310%
16	9.745	1300	1302	1306	rVB	100299	75015	6.33%	0.387%
17	9.810	1306	1313	1316	rBV	1438415	1175071	99.18%	6.066%
18	9.839	1316	1318	1322	rVB	62275	54352	4.59%	0.281%
19	9.916	1328	1331	1335	rVB3	22832	26741	2.26%	0.138%
20	9.969	1335	1340	1341	rBV4	19901	23241	1.96%	0.120%
21	10.010	1344	1347	1350	rVB2	67289	61345	5.18%	0.317%
22	10.128	1361	1367	1369	rBV3	36272	39036	3.29%	0.202%
23	10.157	1369	1372	1374	rVB	23462	22352	1.89%	0.115%
24	10.216	1378	1382	1384	rBV3	21132	23831	2.01%	0.123%
25	10.245	1384	1387	1390	rVB	142023	103825	8.76%	0.536%
26	10.357	1402	1406	1412	rBV	110082	113673	9.59%	0.587%
27	10.469	1422	1425	1428	rVV	75538	74429	6.28%	0.384%
28	10.516	1430	1433	1436	rVB3	32156	36293	3.06%	0.187%
29	10.592	1442	1446	1450	rVV	283699	273705	23.10%	1.413%
30	10.639	1450	1454	1459	rVB7	16170	29238	2.47%	0.151%
31	10.722	1464	1468	1473	rBV	170829	216148	18.24%	1.116%
32	10.798	1476	1481	1483	rBV3	16927	22556	1.90%	0.116%
33	10.904	1494	1499	1502	rBV2	46772	63459	5.36%	0.328%
34	10.933	1502	1504	1510	rVV3	42661	45801	3.87%	0.236%

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Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.986	1510	1513	1515	rVB4	21919	25130	2.12%	0.130%
36	11.169	1541	1544	1546	rVV	155223	125995	10.63%	0.650%
37	11.198	1546	1549	1553	rVB2	89457	105828	8.93%	0.546%
38	11.298	1562	1566	1568	rBV	1025635	995248	84.00%	5.137%
39	11.322	1568	1570	1573	rVV	536684	431498	36.42%	2.227%
40	11.369	1576	1578	1582	rVV	146856	117774	9.94%	0.608%
41	11.404	1582	1584	1588	rVV3	33105	36653	3.09%	0.189%
42	11.445	1588	1591	1594	rVV5	17144	27651	2.33%	0.143%
43	11.527	1599	1605	1607	rVV	42805	48913	4.13%	0.252%
44	11.551	1607	1609	1613	rVV3	27970	31849	2.69%	0.164%
45	11.592	1613	1616	1619	rVV	123642	114766	9.69%	0.592%
46	11.627	1619	1622	1628	rVV3	33694	48829	4.12%	0.252%
47	11.692	1630	1633	1639	rVB	237682	234194	19.77%	1.209%
48	11.798	1648	1651	1653	rVV	137081	122470	10.34%	0.632%
49	11.827	1653	1656	1659	rVV	231304	221339	18.68%	1.143%
50	11.874	1661	1664	1666	rVV	53034	60484	5.11%	0.312%
51	11.910	1666	1670	1672	rVV	190495	209578	17.69%	1.082%
52	11.933	1672	1674	1678	rVB	100209	83676	7.06%	0.432%
53	12.004	1683	1686	1689	rBV	92963	79396	6.70%	0.410%
54	12.092	1699	1701	1703	rBV	64992	51269	4.33%	0.265%
55	12.116	1703	1705	1709	rVB2	34317	35213	2.97%	0.182%
56	12.245	1725	1727	1729	rVV2	43491	37929	3.20%	0.196%
57	12.274	1729	1732	1734	rVV	55801	55078	4.65%	0.284%
58	12.298	1734	1736	1739	rVB	34167	26859	2.27%	0.139%
59	12.345	1741	1744	1747	rVV	110719	115818	9.78%	0.598%
60	12.380	1747	1750	1752	rVV	1261182	1140713	96.28%	5.888%
61	12.404	1752	1754	1757	rVV	1029181	840932	70.98%	4.341%
62	12.427	1757	1758	1764	rVV4	80031	93573	7.90%	0.483%
63	12.486	1765	1768	1769	rVV	149321	117997	9.96%	0.609%
64	12.510	1769	1772	1775	rVV	713483	640521	54.06%	3.306%
65	12.533	1775	1776	1782	rVV2	138812	196505	16.59%	1.014%
66	12.610	1786	1789	1791	rVV2	42697	55064	4.65%	0.284%
67	12.663	1795	1798	1801	rVV3	32937	40579	3.43%	0.209%
68	12.710	1803	1806	1808	rVV	177858	203053	17.14%	1.048%
69	12.739	1808	1811	1813	rVV	574815	528091	44.57%	2.726%
70	12.763	1813	1815	1817	rVV	95992	81269	6.86%	0.420%
71	12.786	1817	1819	1824	rVB2	61591	81352	6.87%	0.420%

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72	12.857	1827	1831	1832	rBV2	36619	36078	3.05%	0.186%
73	12.880	1832	1835	1843	rVB	451318	403186	34.03%	2.081%
74	12.957	1844	1848	1852	rBV3	51278	83962	7.09%	0.433%
75	13.045	1860	1863	1864	rBV2	31832	30231	2.55%	0.156%
76	13.069	1864	1867	1869	rVB	126612	115702	9.77%	0.597%
77	13.133	1870	1878	1881	rBV2	122233	165872	14.00%	0.856%
78	13.169	1881	1884	1887	rBV2	82455	73134	6.17%	0.378%
79	13.263	1897	1900	1902	rBV	49839	32388	2.73%	0.167%
80	13.292	1902	1905	1909	rVB	69712	58115	4.91%	0.300%
81	13.369	1915	1918	1923	rBV3	75353	81683	6.89%	0.422%
82	13.416	1923	1926	1929	rBV2	99972	84402	7.12%	0.436%
83	13.463	1932	1934	1937	rBV2	53060	56556	4.77%	0.292%
84	13.557	1945	1950	1951	rBV4	24385	35661	3.01%	0.184%
85	13.686	1968	1972	1974	rBV3	60156	77328	6.53%	0.399%
86	13.716	1974	1977	1979	rVB	37920	39334	3.32%	0.203%
87	13.792	1987	1990	1996	rVB6	62830	82102	6.93%	0.424%
88	13.933	2009	2014	2017	rBV2	902274	1048814	88.53%	5.414%
89	13.963	2017	2019	2026	rVB	213793	196139	16.56%	1.012%
90	14.321	2076	2080	2084	rVV	65532	83198	7.02%	0.429%
91	14.357	2084	2086	2088	rBV	39988	34887	2.94%	0.180%
92	14.421	2094	2097	2099	rBV2	63472	69794	5.89%	0.360%
93	14.963	2185	2189	2196	rVB	155981	281896	23.79%	1.455%
94	15.045	2200	2203	2205	rBV2	88742	93693	7.91%	0.484%
95	15.257	2236	2239	2245	rVB	106513	140966	11.90%	0.728%
96	15.315	2245	2249	2255	rVB	143891	189607	16.00%	0.979%
97	15.374	2255	2259	2263	rBV	552091	683653	57.70%	3.529%
98	15.521	2281	2284	2291	rBV7	73303	157282	13.28%	0.812%
99	15.839	2335	2338	2344	rBV2	77215	118796	10.03%	0.613%
100	16.486	2443	2448	2458	rBV2	65598	182721	15.42%	0.943%

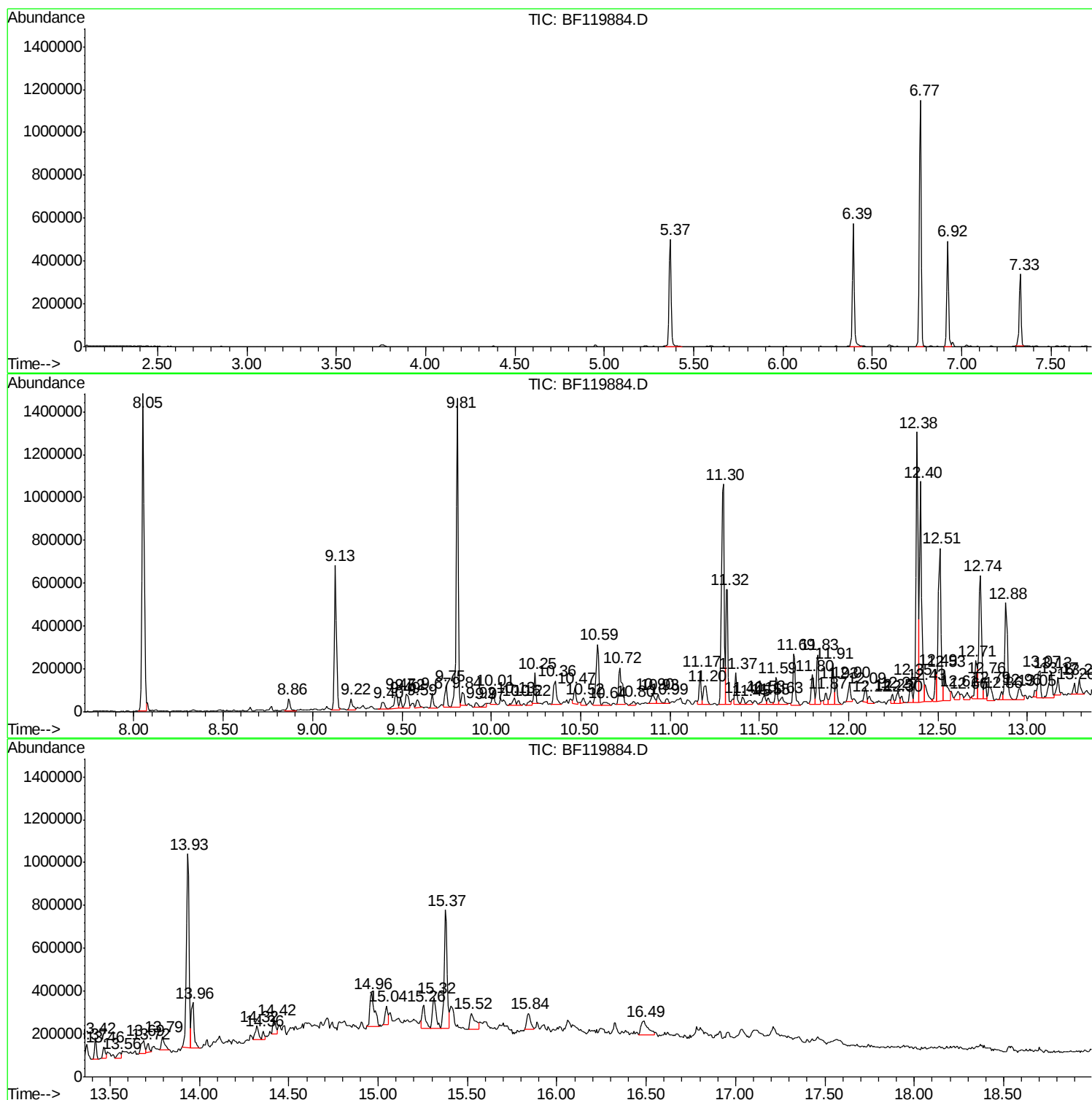
Sum of corrected areas: 19372685

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ALS Vial : 49 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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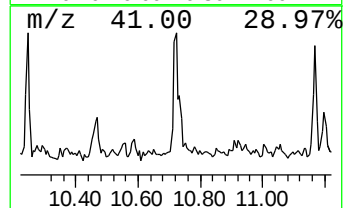
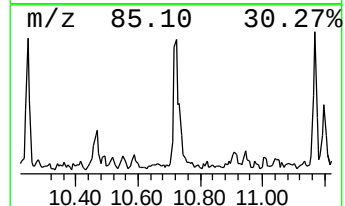
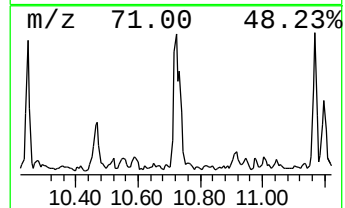
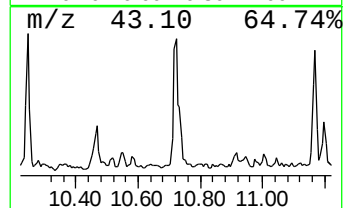
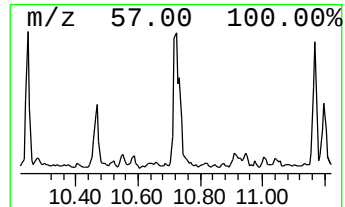
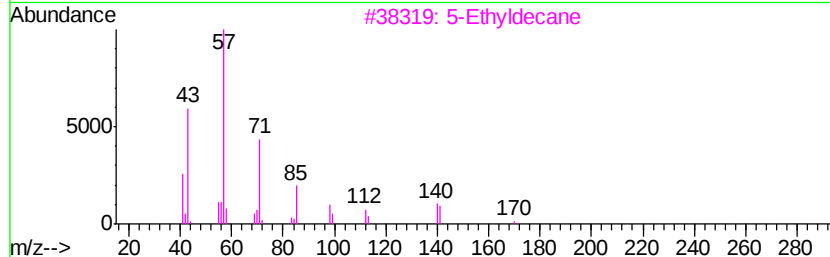
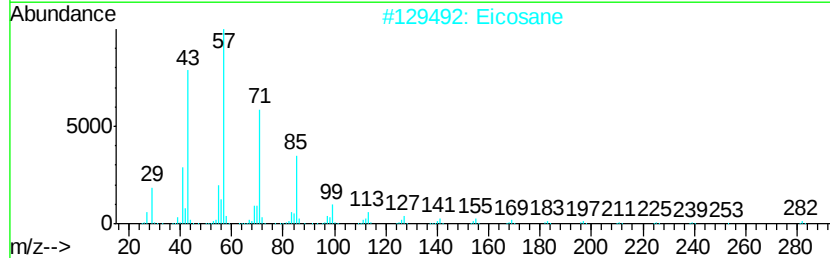
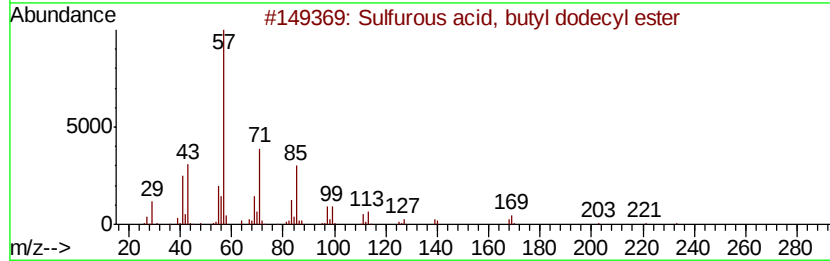
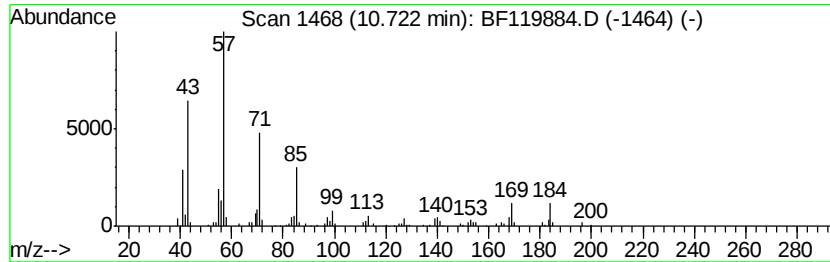
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, butyl dodec... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	4.34 ng	216148	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64
2		Eicosane	282	C20H42	000112-95-8	62
3		5-Ethyldecane	170	C12H26	017302-36-2	58
4		Heptacosane	380	C27H56	000593-49-7	58
5		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	58



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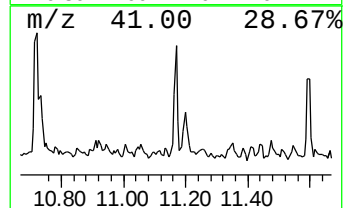
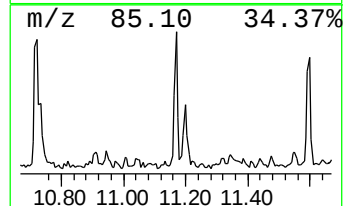
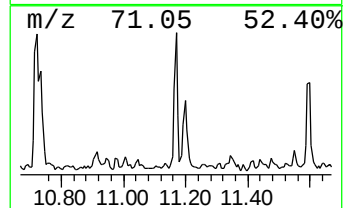
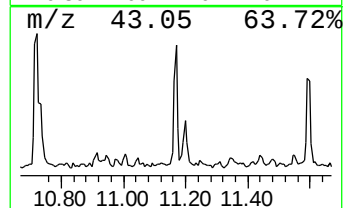
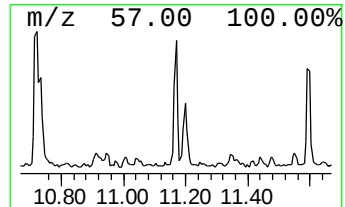
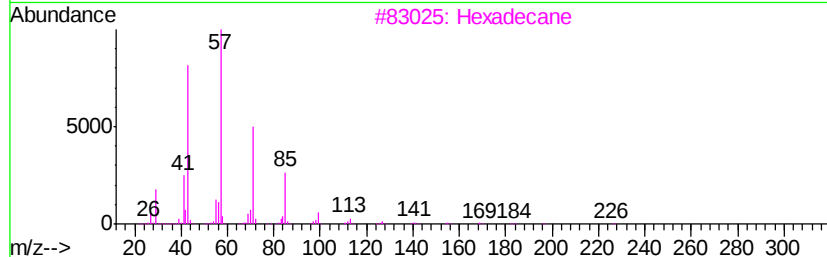
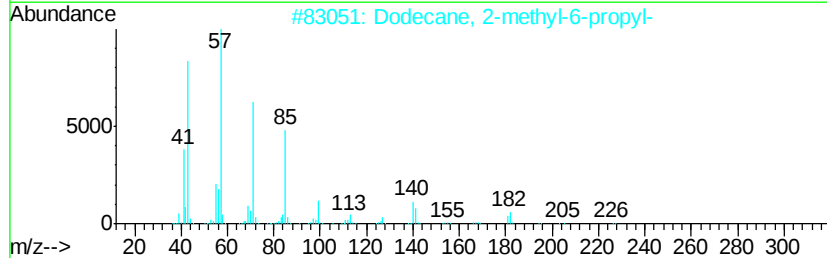
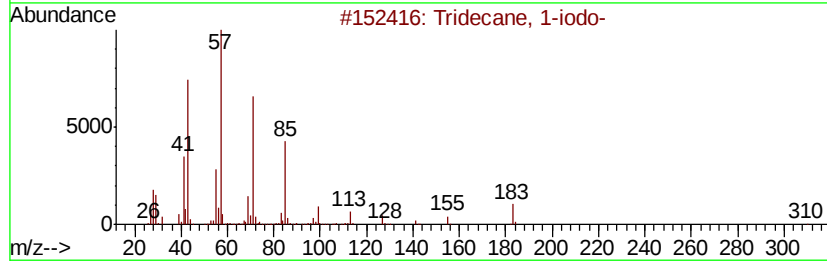
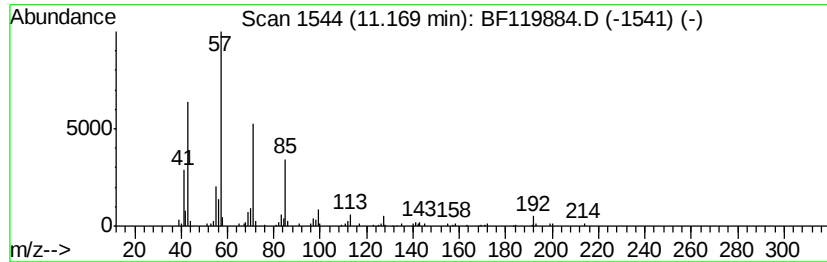
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.17	2.53 ng	125995	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72



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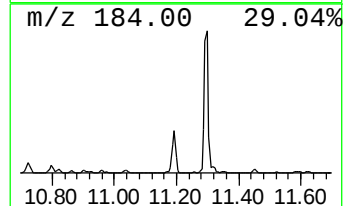
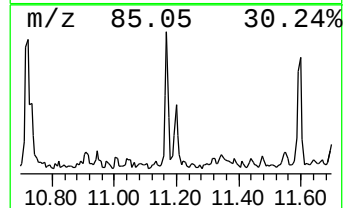
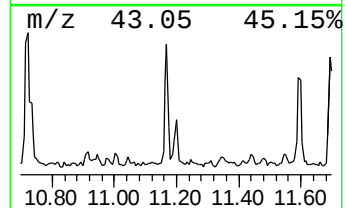
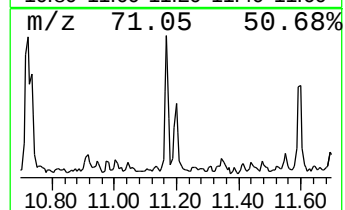
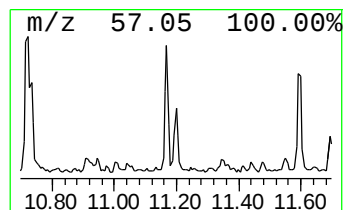
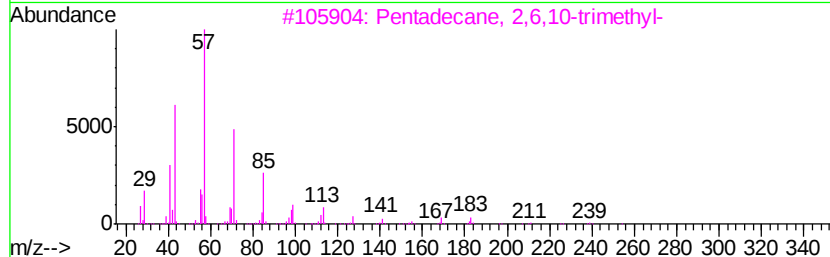
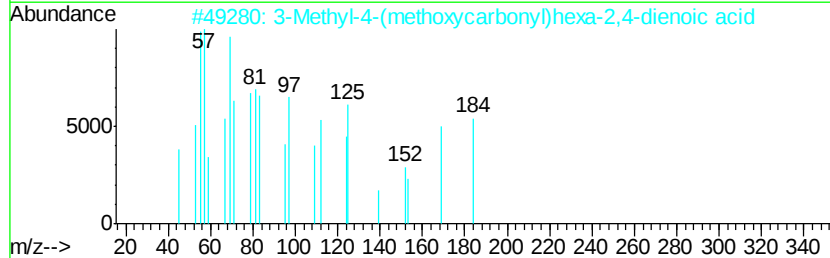
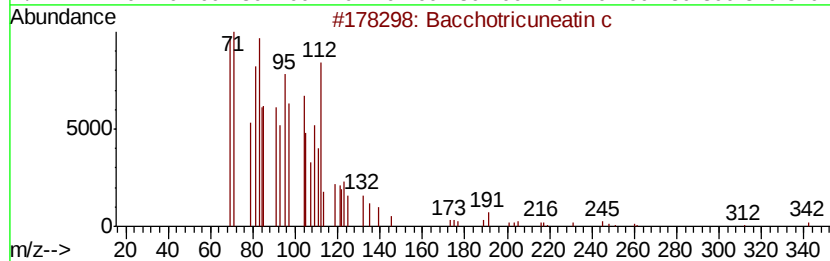
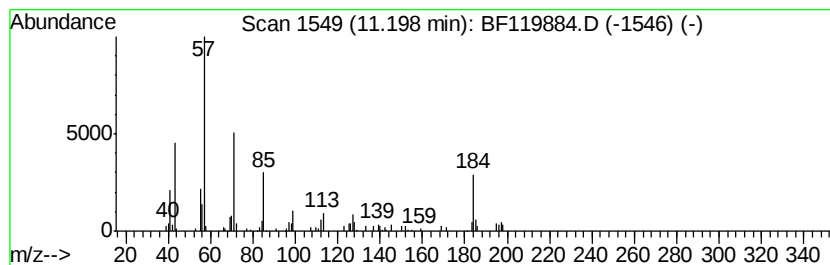
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.13 ng	105828	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4		Heptadecane	240	C17H36	000629-78-7	64
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
Acq On : 9 Apr 2020 21:54
Operator : MA/SJ
Sample : L2123-01 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-040320

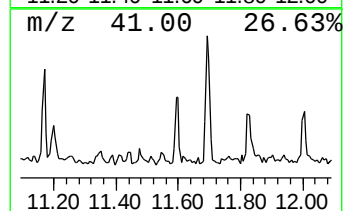
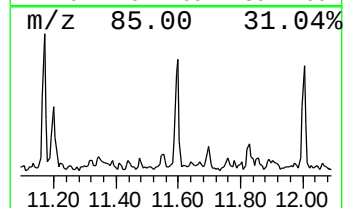
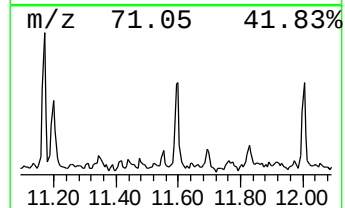
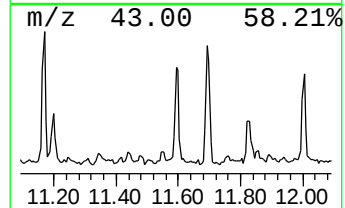
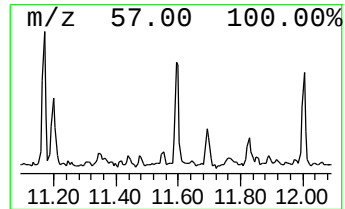
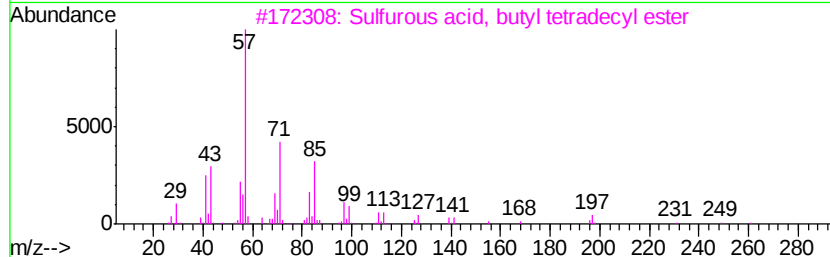
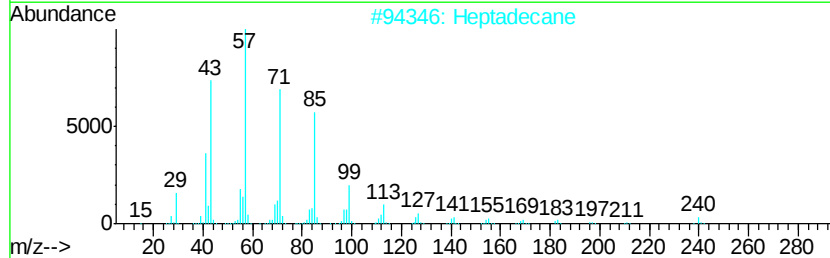
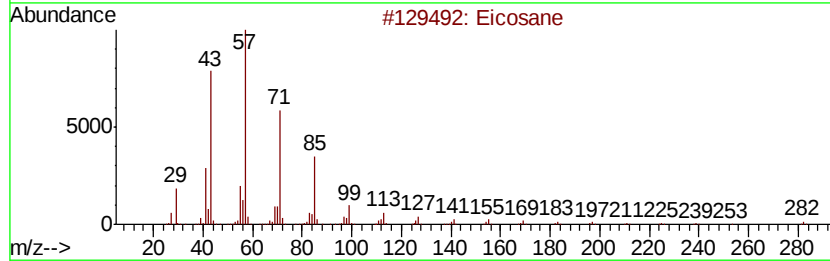
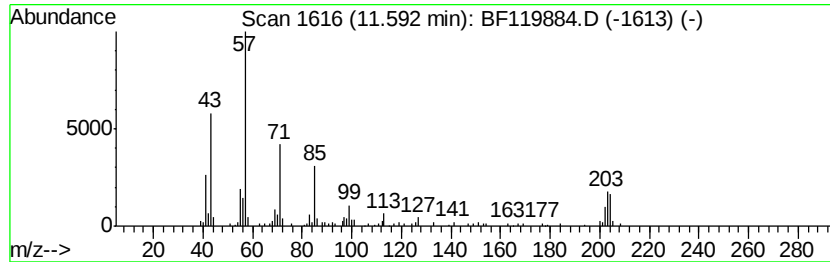
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.31 ng	114766	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	58
2	Heptadecane		240	C17H36	000629-78-7	58
3	Sulfurous acid, butyl tetradecyl...		334	C18H38O3S	1000309-18-1	53
4	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	53
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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Acq On : 9 Apr 2020 21:54
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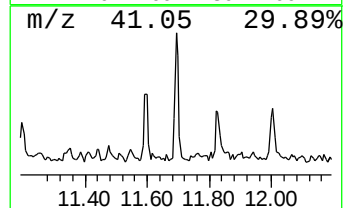
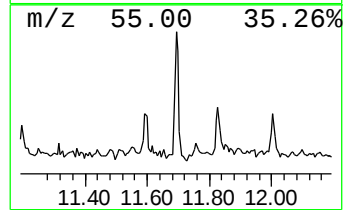
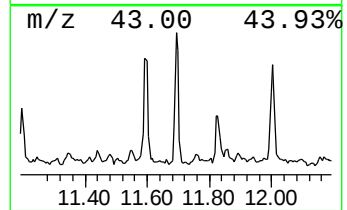
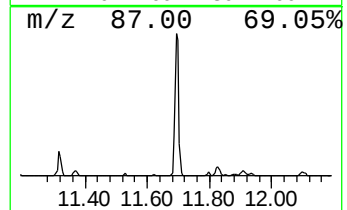
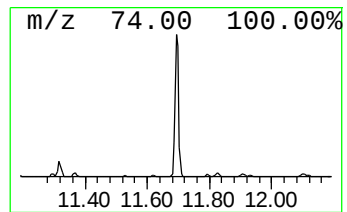
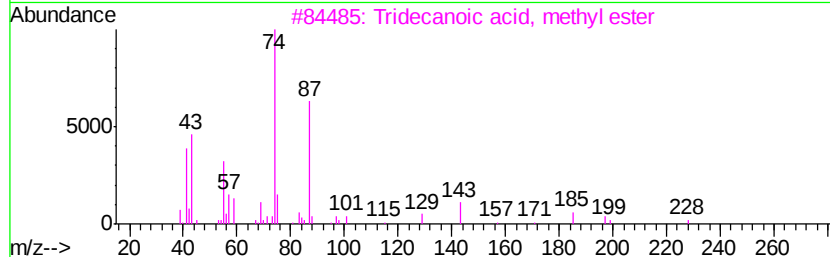
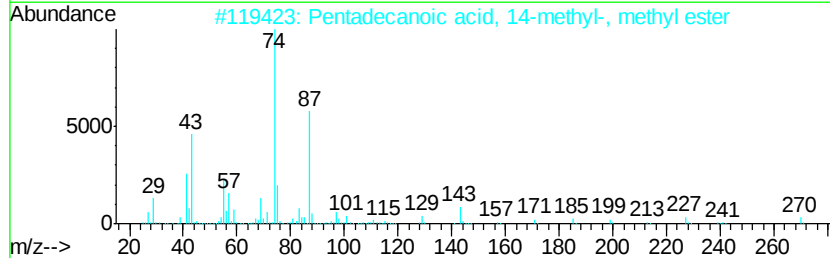
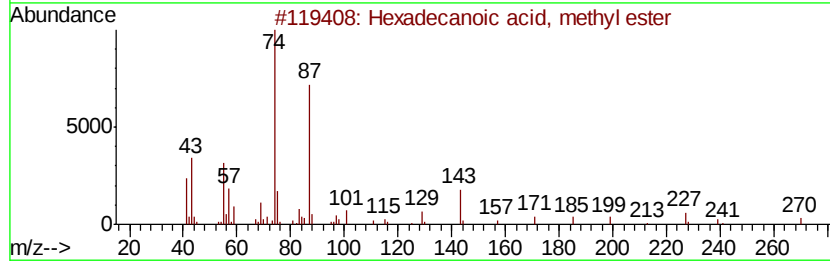
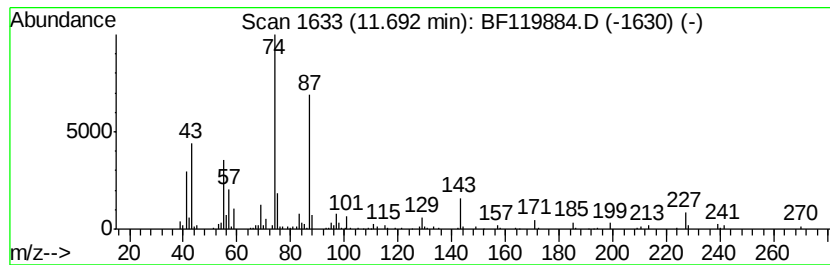
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	4.71 ng	234194	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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TR-05-040320

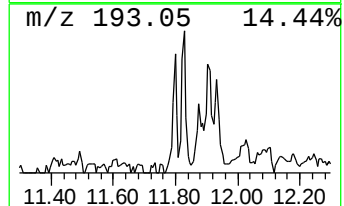
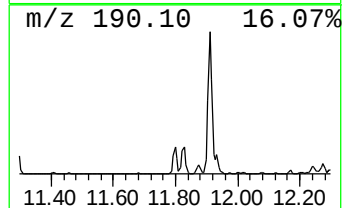
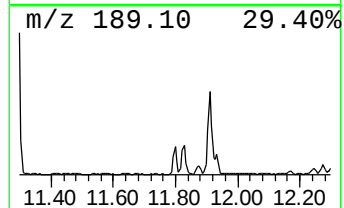
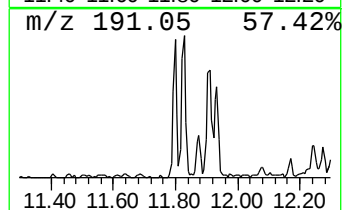
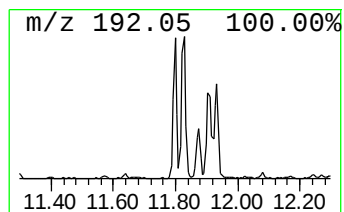
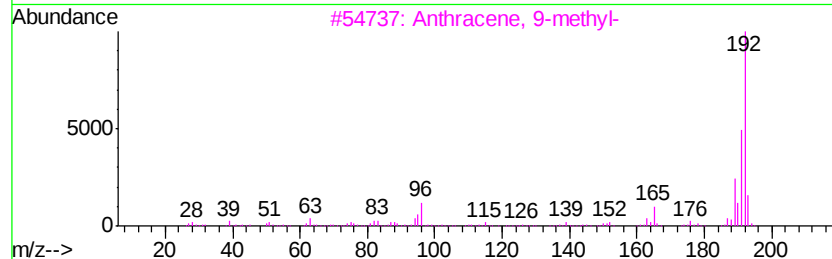
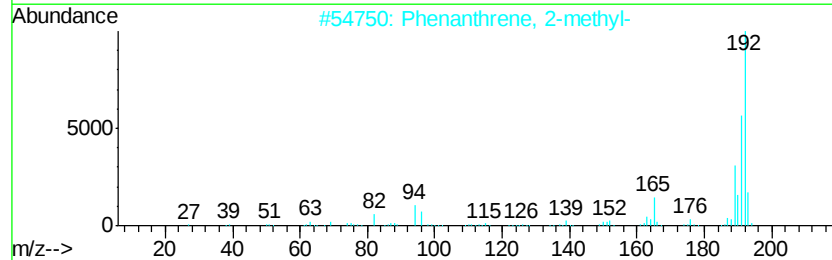
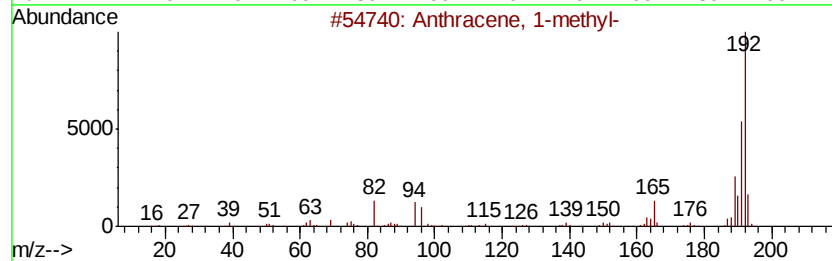
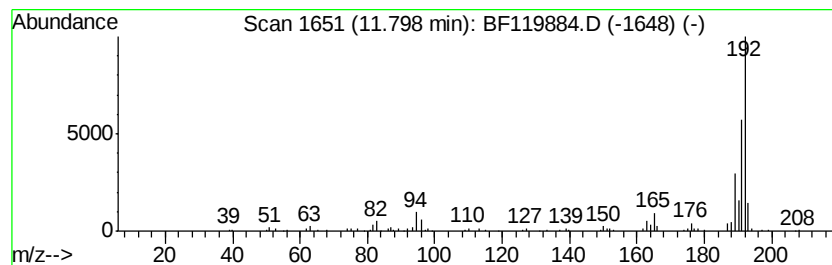
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.46 ng	122470	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
Acq On : 9 Apr 2020 21:54
Operator : MA/SJ
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ALS Vial : 49 Sample Multiplier: 1

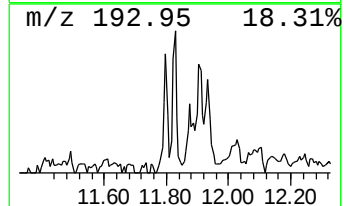
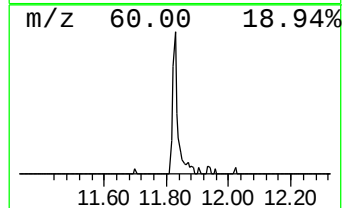
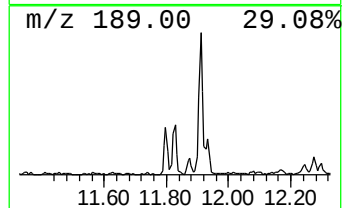
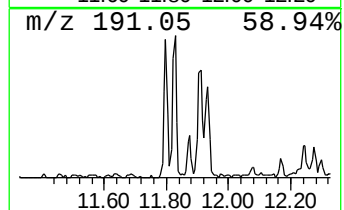
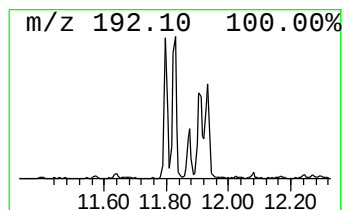
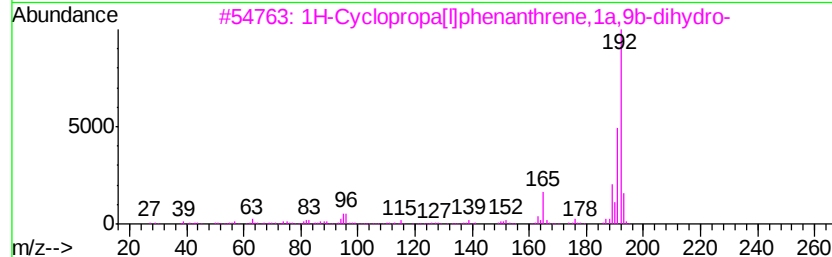
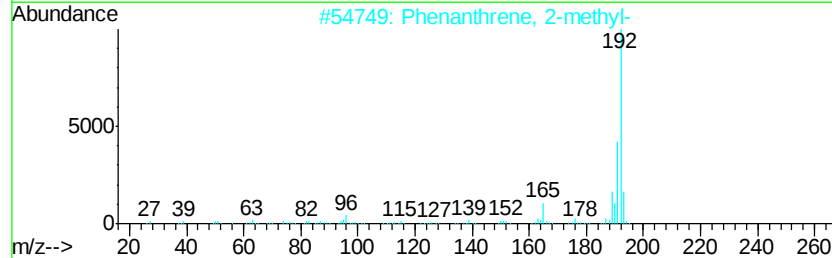
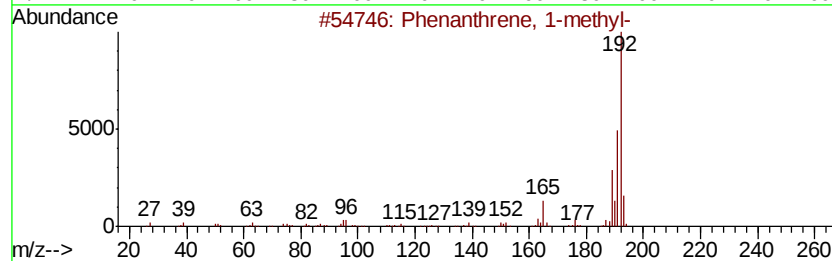
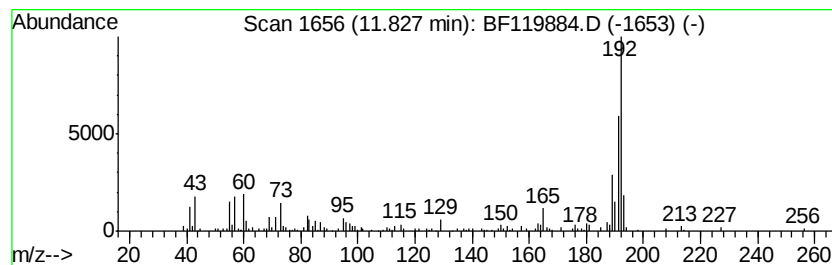
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	4.45 ng	221339	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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Operator : MA/SJ
Sample : L2123-01 5X
Misc :
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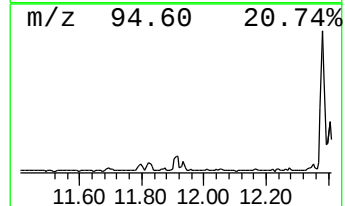
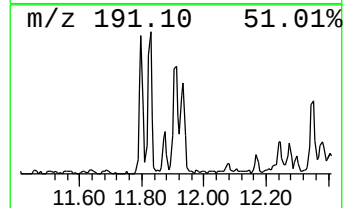
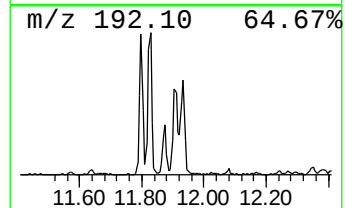
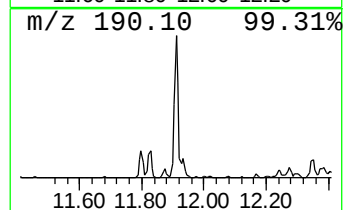
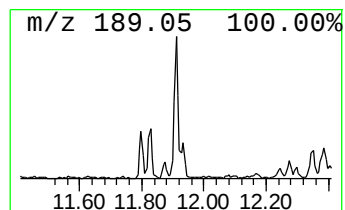
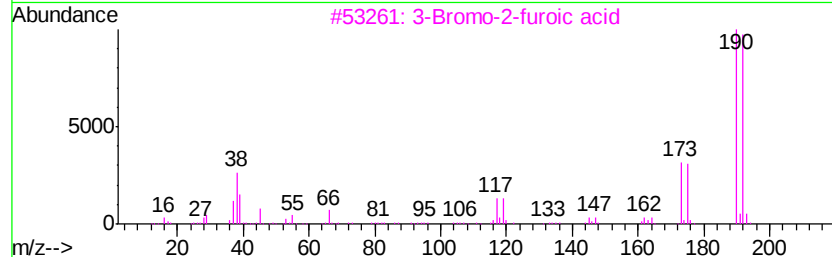
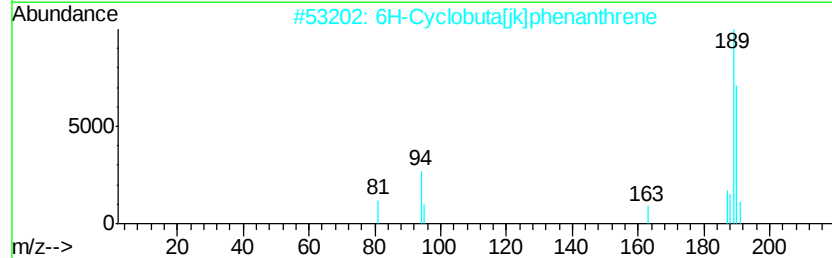
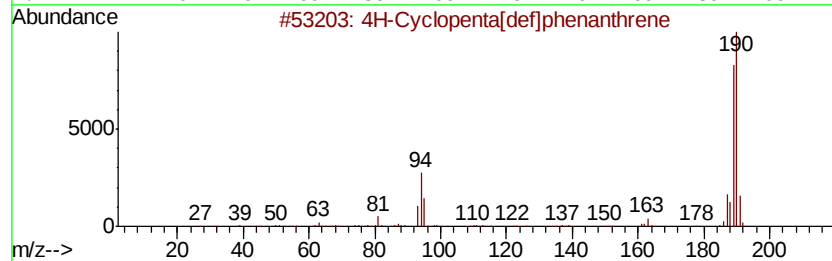
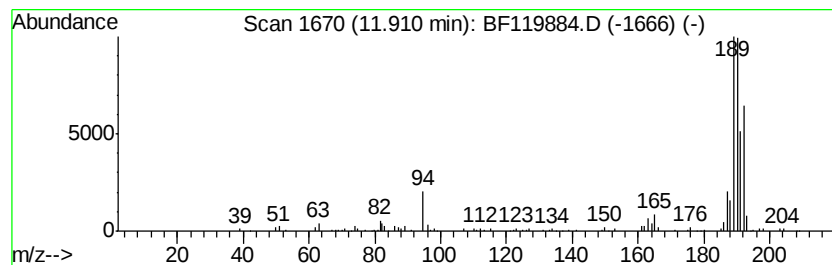
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.91	4.21 ng	209578	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	22
5	Megastigmatrienone	190	C13H18O	038818-55-2	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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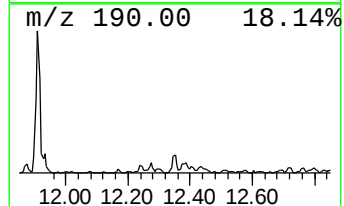
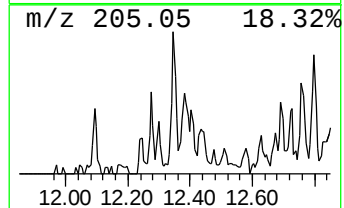
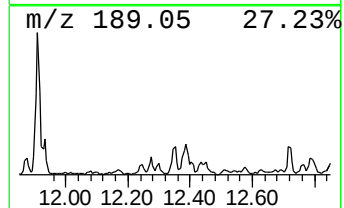
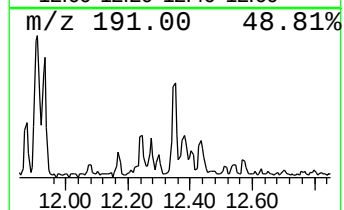
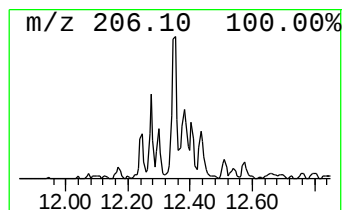
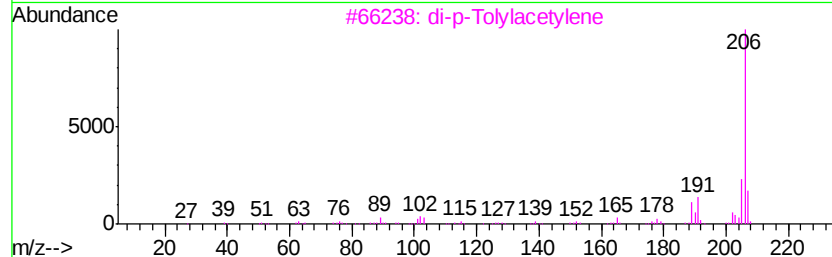
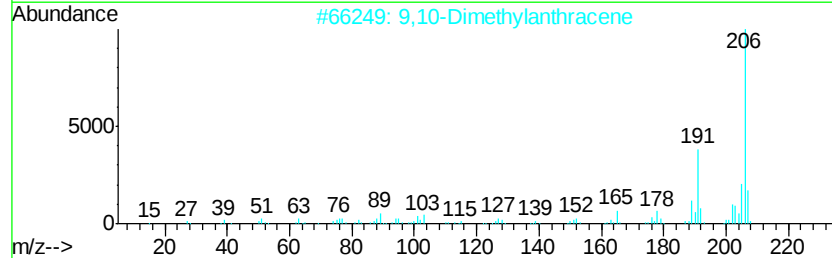
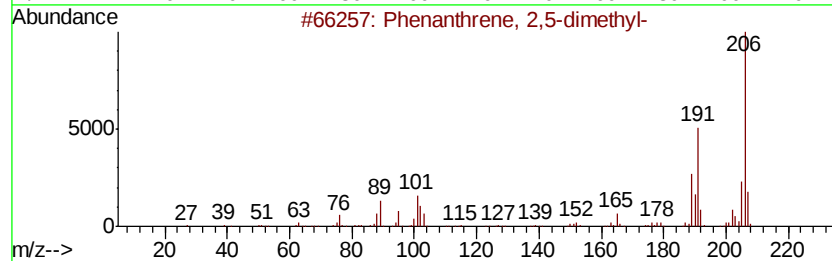
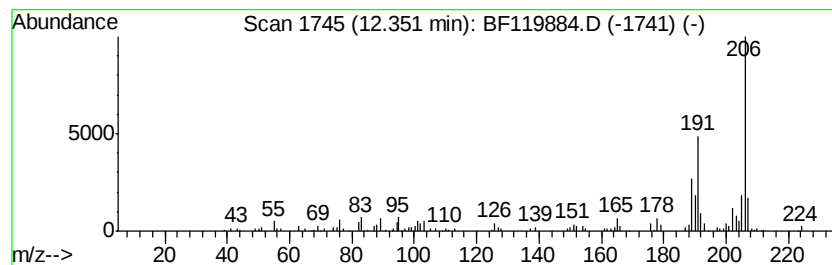
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.35	2.33 ng	115818	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3	di-p-Tolylacetylvene	206	C16H14	002789-88-0	91
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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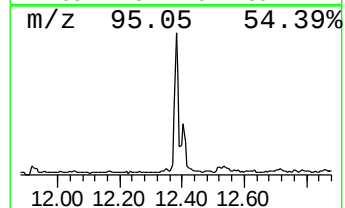
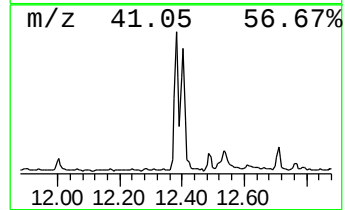
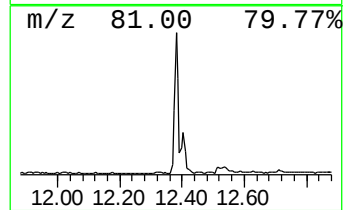
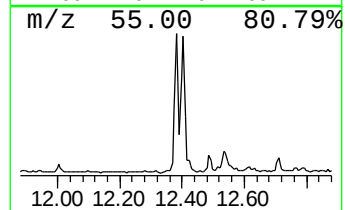
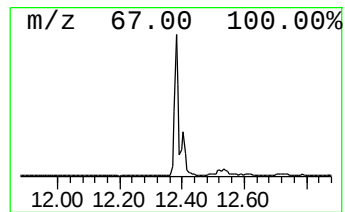
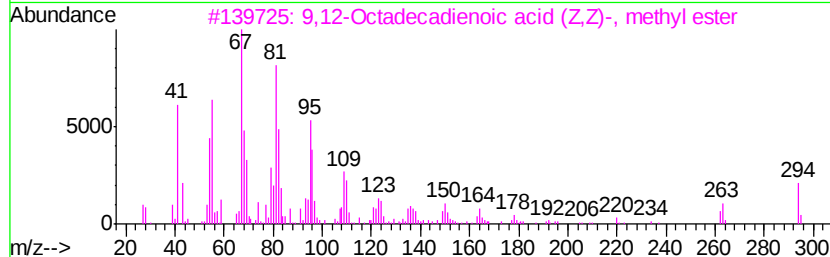
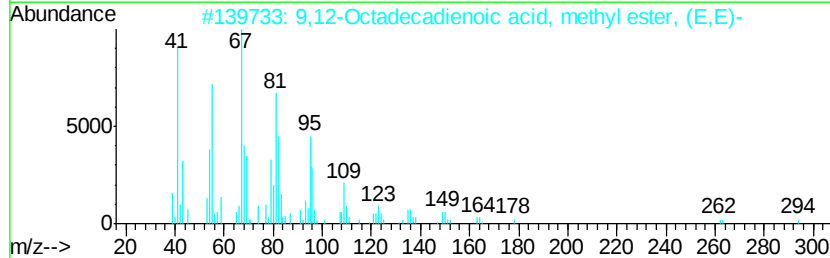
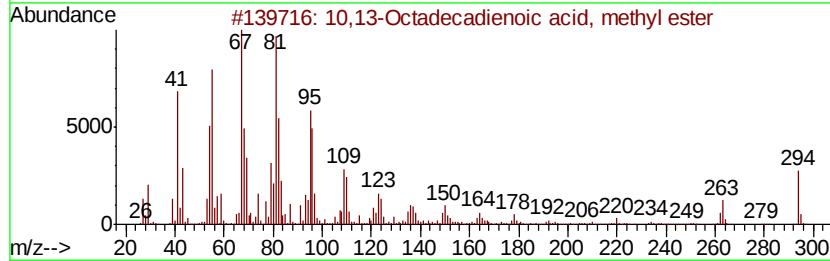
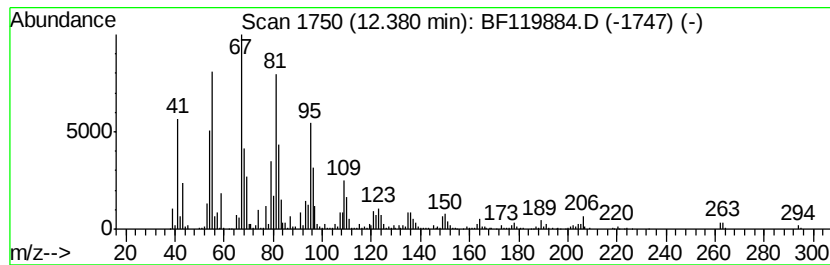
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.38	22.92 ng	1140710	Phenanthrene-d10	11.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98	
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98	
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
Acq On : 9 Apr 2020 21:54
Operator : MA/SJ
Sample : L2123-01 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-040320

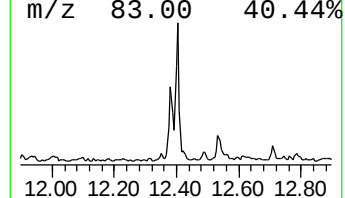
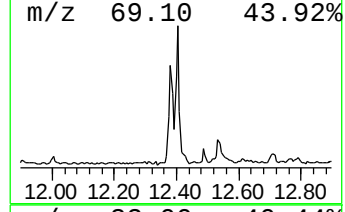
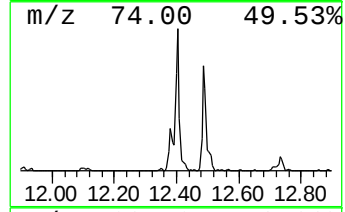
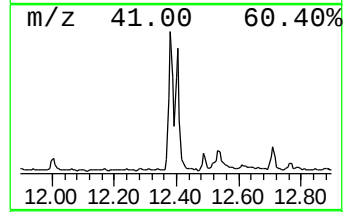
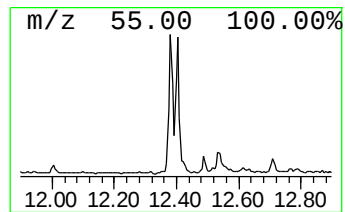
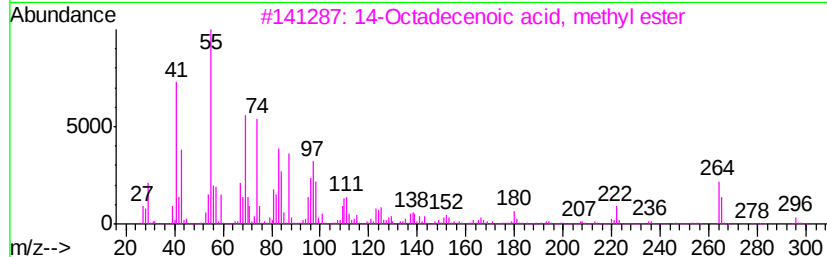
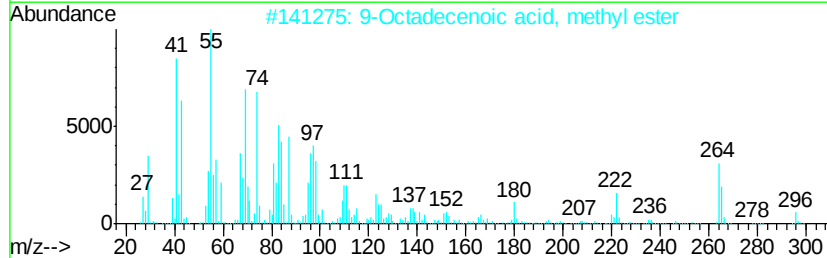
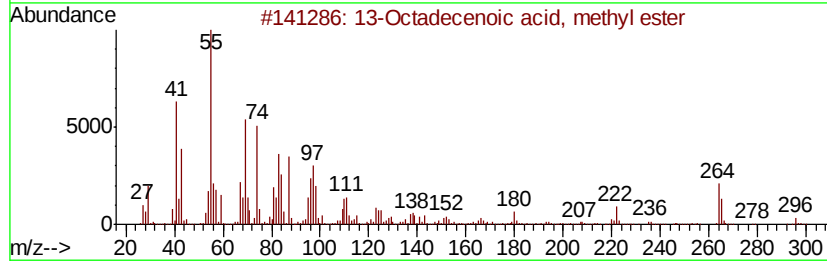
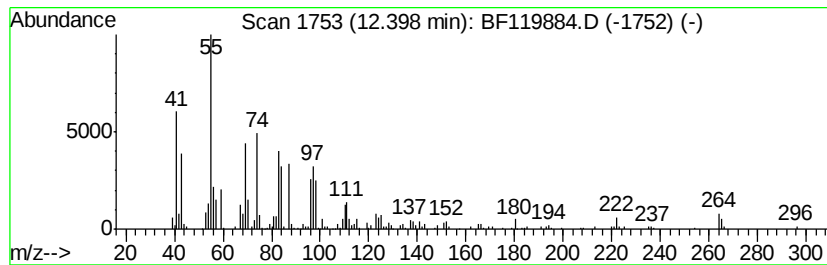
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 13-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	16.90 ng	840932	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2			9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	98
3			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97
4			8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	95
5			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
Acq On : 9 Apr 2020 21:54
Operator : MA/SJ
Sample : L2123-01 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

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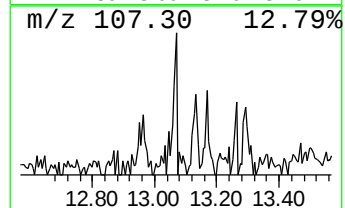
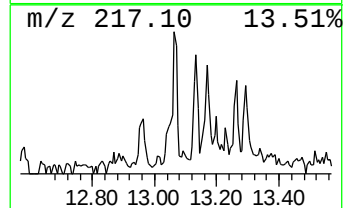
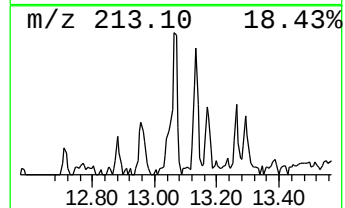
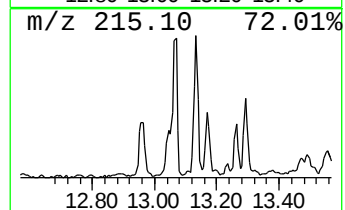
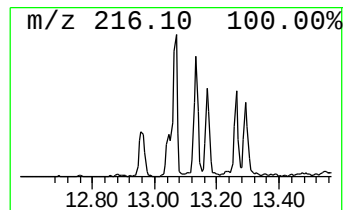
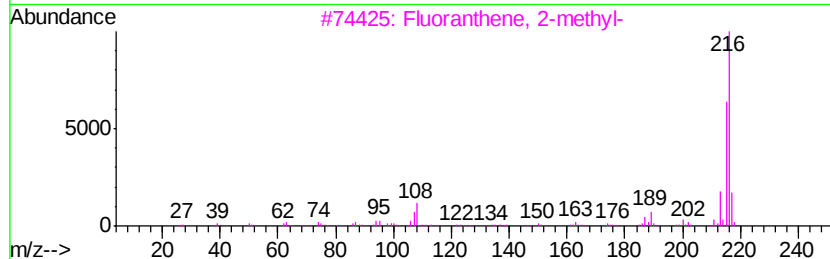
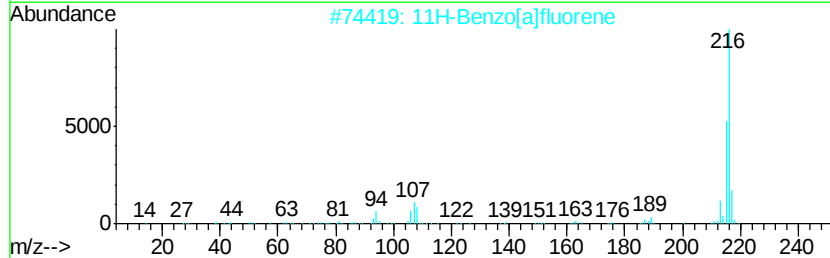
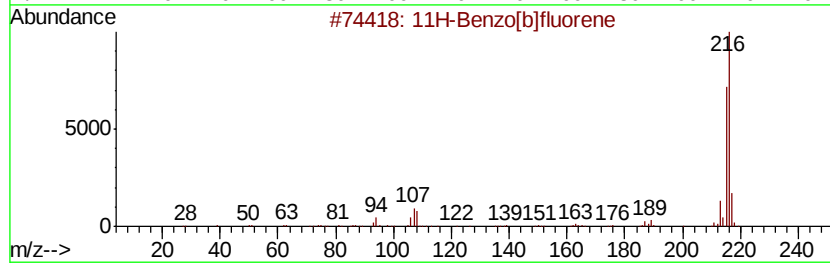
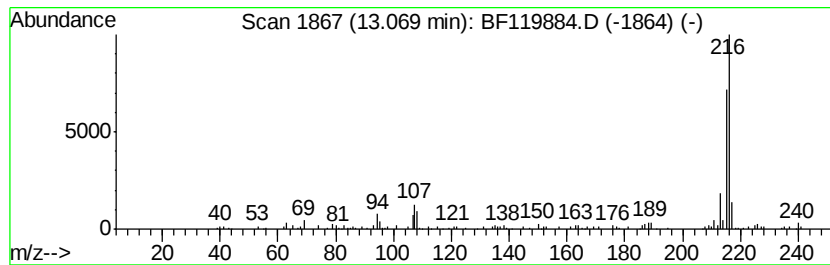
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.21 ng	115702	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
Acq On : 9 Apr 2020 21:54
Operator : MA/SJ
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Misc :
ALS Vial : 49 Sample Multiplier: 1

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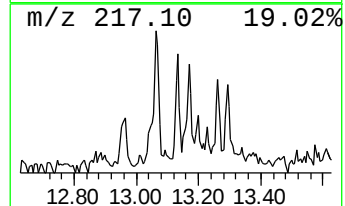
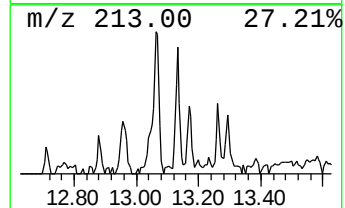
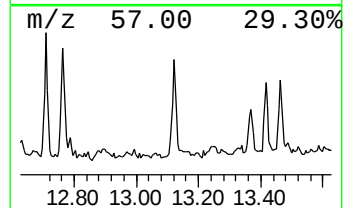
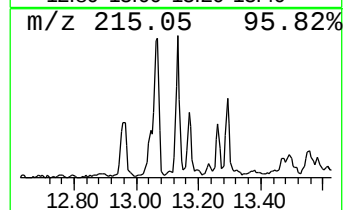
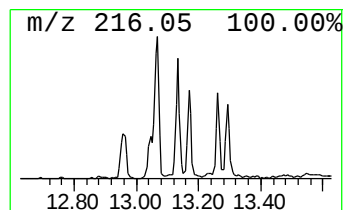
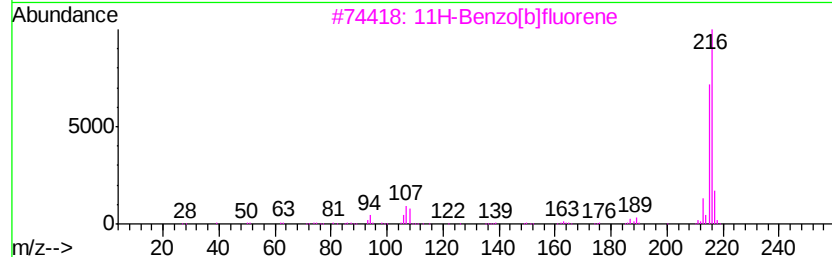
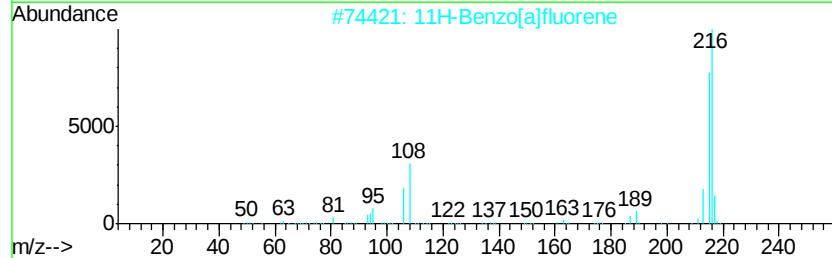
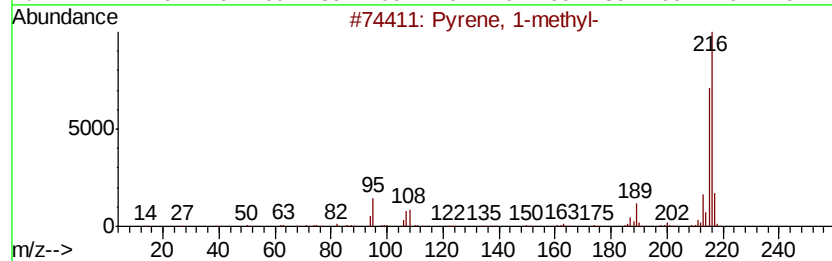
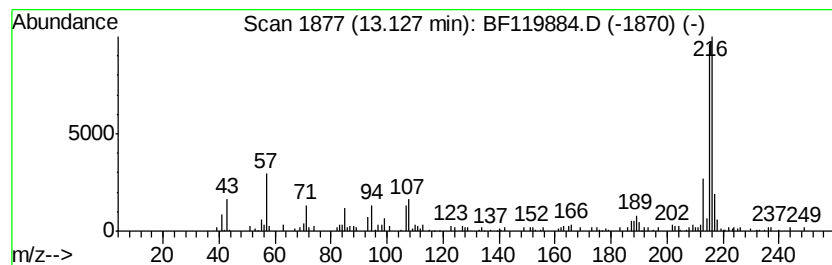
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.16 ng	165872	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5		2-[3-Pyridyl]methylene-3-quinocl...	216	C13H16N2O	273748-56-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
Acq On : 9 Apr 2020 21:54
Operator : MA/SJ
Sample : L2123-01 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

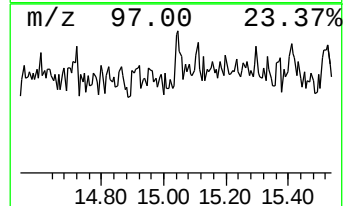
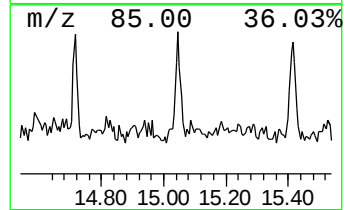
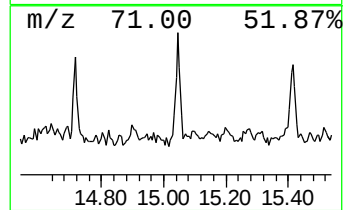
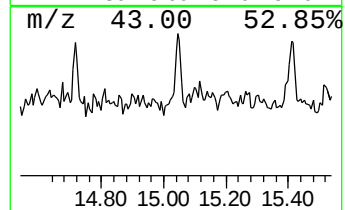
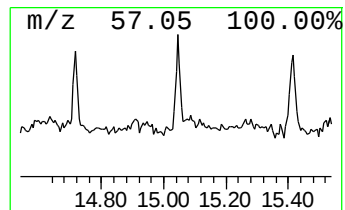
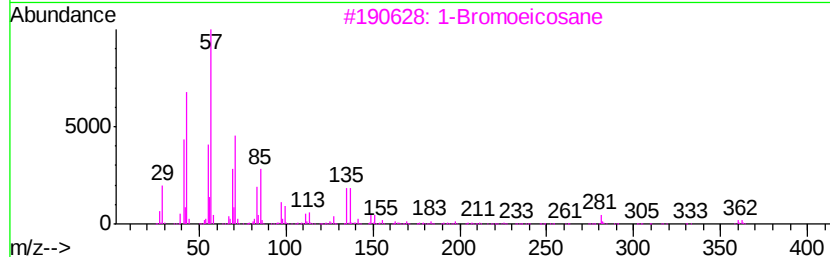
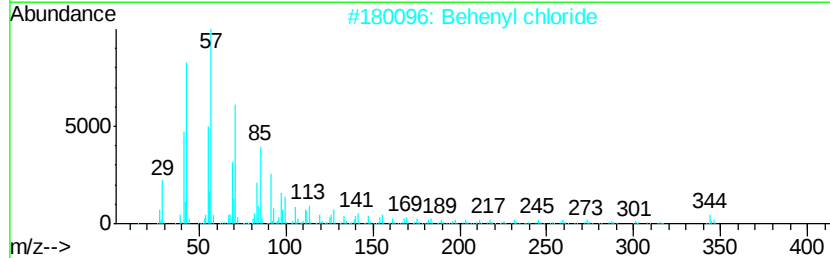
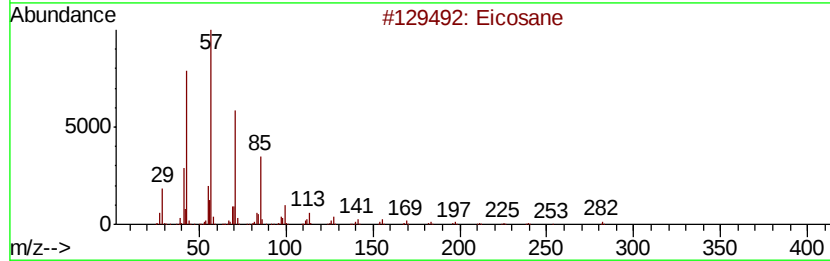
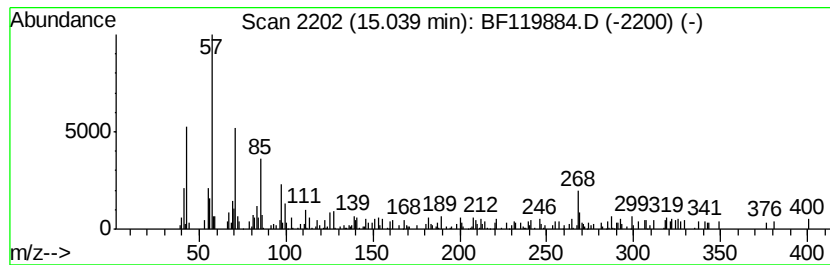
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Behenyl chloride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.74 ng	93693	Perylene-d12	15.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	90
2	Behenyl chloride	344 C22H45Cl	042217-03-8	87
3	1-Bromoeicosane	360 C20H41Br	004276-49-7	86
4	Hentriacontane	437 C31H64	000630-04-6	83
5	Nonadecane	268 C19H40	000629-92-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
Acq On : 9 Apr 2020 21:54
Operator : MA/SJ
Sample : L2123-01 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-040320

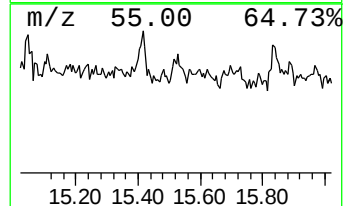
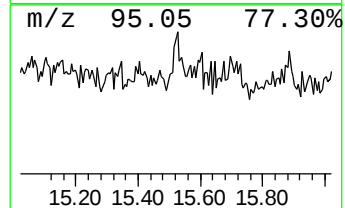
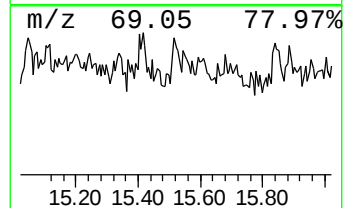
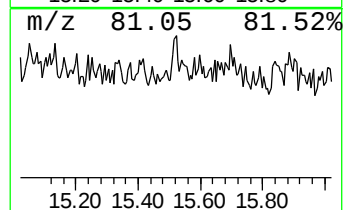
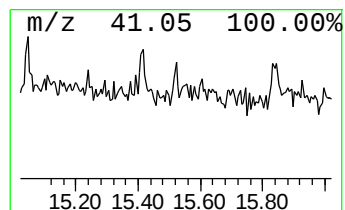
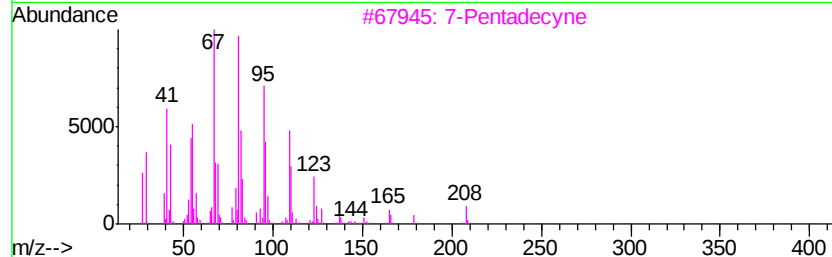
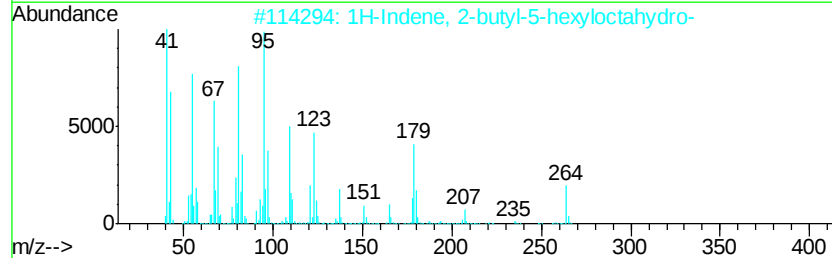
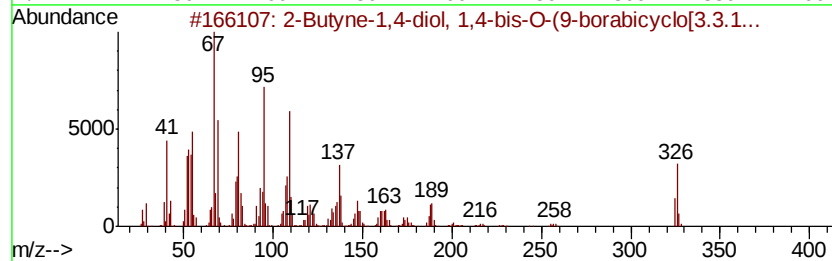
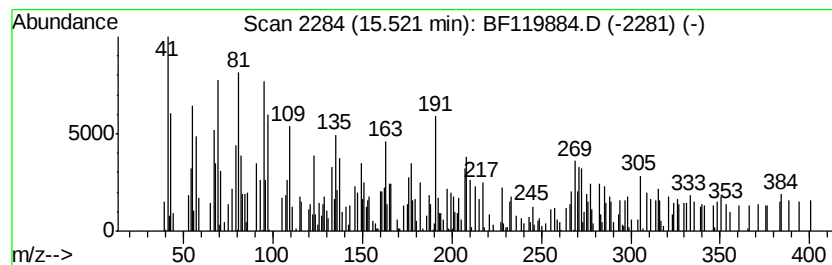
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2-Butyne-1,4-diol, 1,4-bis-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.60 ng	157282	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butyne-1,4-diol, 1,4-bis-O-(9-...	326	C20H32B2O2	1000150-45-1	60
2			1H-Indene, 2-butyl-5-hexyloctahy...	264	C19H36	055044-33-2	44
3			7-Pentadecyne	208	C15H28	022089-89-0	38
4			Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	35
5			.beta.-Alanine, N-(2-furoyl)-, n...	309	C17H27NO4	1000321-97-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
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Operator : MA/SJ
Sample : L2123-01 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

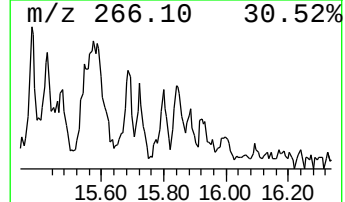
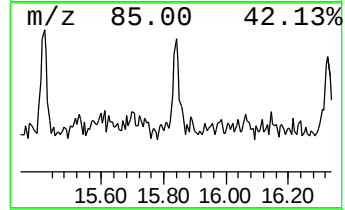
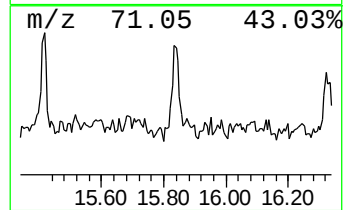
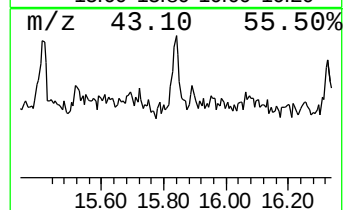
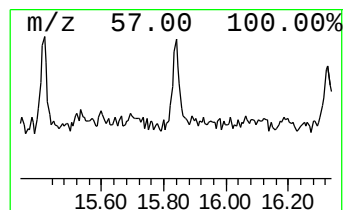
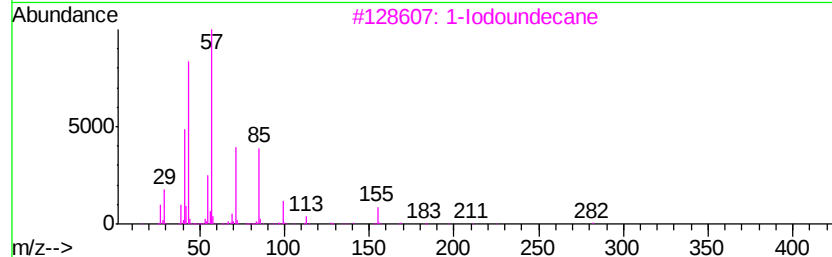
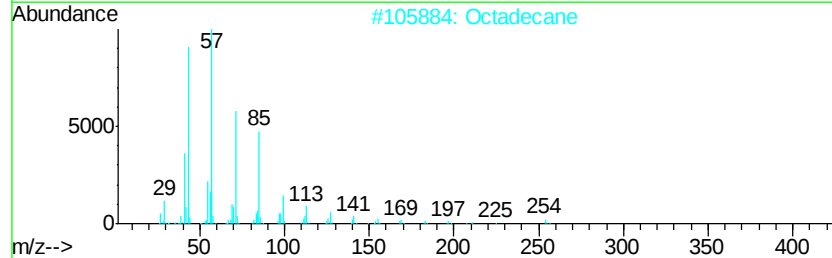
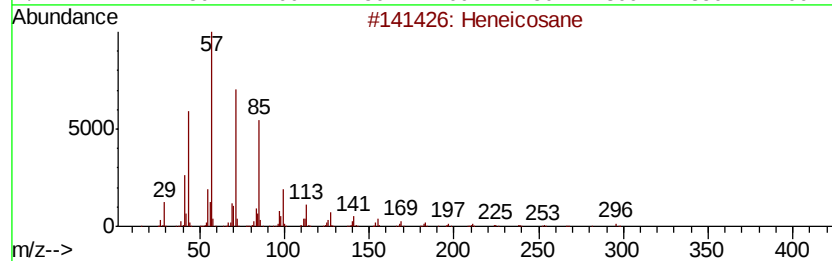
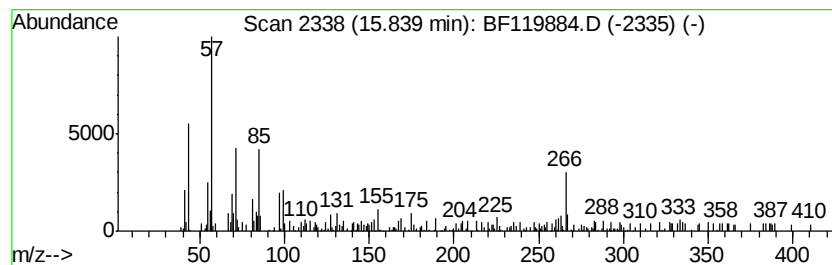
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.84	3.48 ng	118796	Perylene-d12		15.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	55
2	Octadecane	254	C18H38	000593-45-3	43
3	1-Iodoundecane	282	C11H23I	004282-44-4	43
4	Heptacosane	380	C27H56	000593-49-7	43
5	Hexacosane	366	C26H54	000630-01-3	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
Acq On : 9 Apr 2020 21:54
Operator : MA/SJ
Sample : L2123-01 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-040320

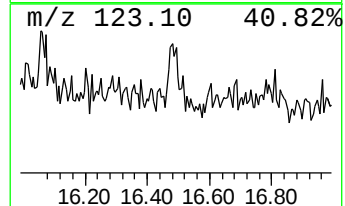
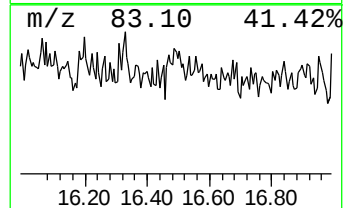
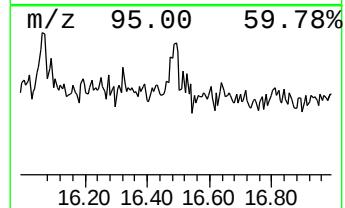
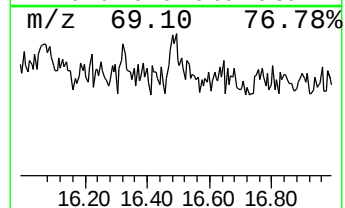
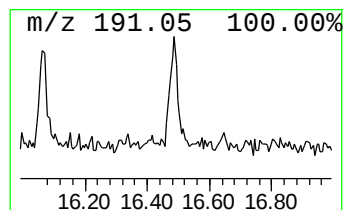
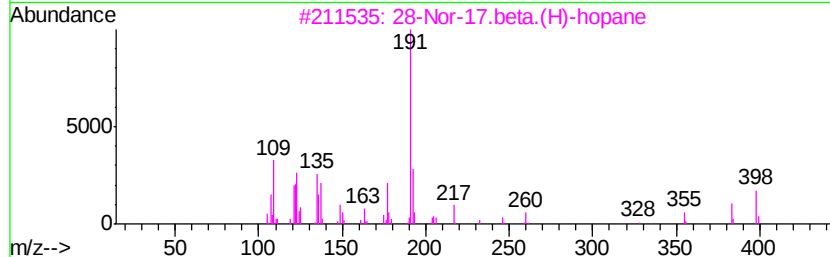
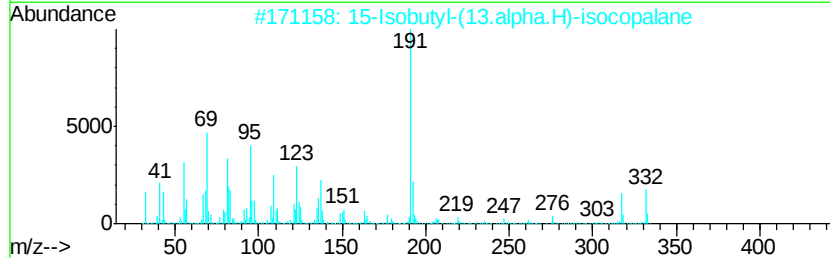
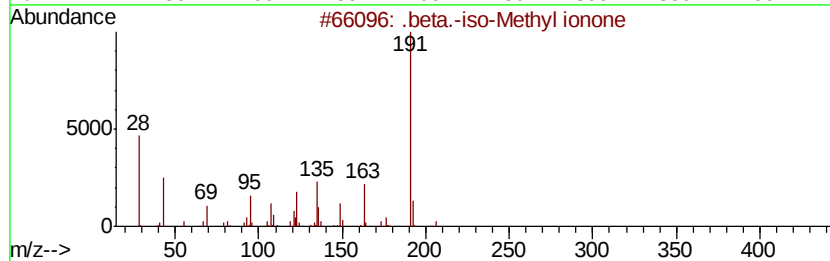
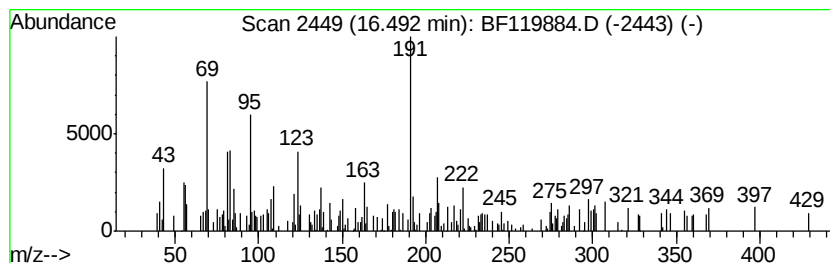
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	5.35 ng	182721	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	58
2		15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	58
3		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	46
4		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
5		3-Fluoro-5-trifluoromethylbenzoi...	302	C14H7F5O2	1000357-34-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
 Data File : BF119884.D
 Acq On : 9 Apr 2020 21:54
 Operator : MA/SJ
 Sample : L2123-01 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-040320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid, b...	10.72	4.3	ng	216148	4	11.30	995248	20.0
Tridecane, 1-iodo-	11.17	2.5	ng	125995	4	11.30	995248	20.0
Bacchotricuneatin c	11.20	2.1	ng	105828	4	11.30	995248	20.0
Eicosane	11.59	2.3	ng	114766	4	11.30	995248	20.0
Hexadecanoic acid...	11.69	4.7	ng	234194	4	11.30	995248	20.0
Anthracene, 1-met...	11.80	2.5	ng	122470	4	11.30	995248	20.0
Phenanthrene, 1-m...	11.83	4.5	ng	221339	4	11.30	995248	20.0
4H-Cyclopenta[def...	11.91	4.2	ng	209578	4	11.30	995248	20.0
Phenanthrene, 2,5...	12.35	2.3	ng	115818	4	11.30	995248	20.0
10,13-Octadecadie...	12.38	22.9	ng	1140710	4	11.30	995248	20.0
13-Octadecenoic a...	12.40	16.9	ng	840932	4	11.30	995248	20.0
11H-Benzo[b]fluorene	13.07	2.2	ng	115702	5	13.94	1048810	20.0
Pyrene, 1-methyl-	13.13	3.2	ng	165872	5	13.94	1048810	20.0
Behenyl chloride	15.04	2.7	ng	93693	6	15.37	683653	20.0
2-Butyne-1,4-diol...	15.52	4.6	ng	157282	6	15.37	683653	20.0
Heneicosane	15.84	3.5	ng	118796	6	15.37	683653	20.0
.beta.-iso-Methyl...	16.49	5.3	ng	182721	6	15.37	683653	20.0