

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF050120\
 Data File : BF120271.D
 Acq On : 1 May 2020 21:13
 Operator : MA/SJ
 Sample : L2463-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-AOC14-CAR-WASH

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	5.263	536	540	550	rBV	2520343	2355683	89.53%	5.057%
2	6.304	713	717	731	rBV	2633644	2342137	89.02%	5.028%
3	6.651	772	776	786	rBV	725138	599020	22.77%	1.286%
4	6.804	799	802	806	rBV	2110616	1885033	71.65%	4.046%
5	7.216	868	872	875	rBV	1725981	1444197	54.89%	3.100%
6	7.933	991	994	996	rBV	869362	749108	28.47%	1.608%
7	7.957	996	998	1003	rVB	347942	272354	10.35%	0.585%
8	8.645	1112	1115	1119	rBV	127434	107789	4.10%	0.231%
9	8.745	1128	1132	1138	rVB	110259	89861	3.42%	0.193%
10	9.016	1174	1178	1181	rBV	3013940	2451699	93.18%	5.263%
11	9.139	1196	1199	1202	rVB	176349	155824	5.92%	0.334%
12	9.345	1231	1234	1237	rBV	64475	65920	2.51%	0.142%
13	9.410	1242	1245	1251	rVV2	169872	139820	5.31%	0.300%
14	9.545	1265	1268	1272	rBV	195181	174253	6.62%	0.374%
15	9.686	1287	1292	1295	rBV	849729	739095	28.09%	1.587%
16	9.722	1295	1298	1302	rVB	353203	289118	10.99%	0.621%
17	9.892	1324	1327	1331	rBV	200791	169446	6.44%	0.364%
18	10.233	1382	1385	1390	rBV	360058	306795	11.66%	0.659%
19	10.275	1390	1392	1395	rVV2	110623	122315	4.65%	0.263%
20	10.392	1410	1412	1415	rVB	82549	63095	2.40%	0.135%
21	10.480	1423	1427	1430	rBV	1483374	1329052	50.51%	2.853%
22	10.604	1444	1448	1455	rVB3	72520	72069	2.74%	0.155%
23	10.780	1471	1478	1481	rBV3	57779	81996	3.12%	0.176%
24	10.980	1509	1512	1516	rVB	80340	72701	2.76%	0.156%
25	11.069	1522	1527	1532	rVB	110586	111751	4.25%	0.240%
26	11.174	1541	1545	1547	rBV	744803	762648	28.99%	1.637%
27	11.198	1547	1549	1552	rVV	2316356	1779303	67.63%	3.819%
28	11.245	1552	1557	1561	rVB	727424	640878	24.36%	1.376%
29	11.410	1579	1585	1587	rBV2	134327	140840	5.35%	0.302%
30	11.469	1592	1595	1599	rVV2	94720	85495	3.25%	0.184%
31	11.504	1599	1601	1607	rVV3	44151	53102	2.02%	0.114%
32	11.580	1610	1614	1618	rVB3	37500	61680	2.34%	0.132%
33	11.674	1626	1630	1632	rBV	304193	238351	9.06%	0.512%
34	11.716	1632	1637	1641	rVV2	463436	669134	25.43%	1.436%

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35	11.751	1641	1643	1646	rVV	167887	136045	5.17%	0.292%
36	11.786	1646	1649	1651	rVV	479393	463858	17.63%	0.996%
37	11.810	1651	1653	1659	rVB	178084	158923	6.04%	0.341%
38	11.969	1678	1680	1683	rBV	182230	169605	6.45%	0.364%
39	11.998	1683	1685	1688	rVB	128711	101635	3.86%	0.218%
40	12.121	1701	1706	1709	rBV	69316	81686	3.10%	0.175%
41	12.227	1718	1724	1727	rBV2	166481	242750	9.23%	0.521%
42	12.268	1727	1731	1732	rVV3	79001	110455	4.20%	0.237%
43	12.310	1736	1738	1743	rBV2	121116	143377	5.45%	0.308%
44	12.392	1747	1752	1755	rBV	2475726	2268949	86.24%	4.870%
45	12.433	1755	1759	1761	rBV2	61978	58823	2.24%	0.126%
46	12.480	1765	1767	1769	rBV	91783	82804	3.15%	0.178%
47	12.504	1769	1771	1773	rBV	115159	95016	3.61%	0.204%
48	12.621	1784	1791	1794	rBV	2314276	2631056	100.00%	5.648%
49	12.663	1796	1798	1804	rVB2	109593	125272	4.76%	0.269%
50	12.733	1807	1810	1812	rBV	120133	126570	4.81%	0.272%
51	12.763	1812	1815	1822	rVB	2228463	2192237	83.32%	4.706%
52	12.839	1822	1828	1831	rBV2	159321	253737	9.64%	0.545%
53	12.921	1835	1842	1844	rBV5	140130	214305	8.15%	0.460%
54	12.945	1844	1846	1849	rVB	382707	316591	12.03%	0.680%
55	12.980	1849	1852	1854	rBV3	65299	74229	2.82%	0.159%
56	13.010	1854	1857	1860	rVV	318370	285683	10.86%	0.613%
57	13.051	1860	1864	1866	rVV2	277380	283621	10.78%	0.609%
58	13.074	1866	1868	1871	rVV	65808	67673	2.57%	0.145%
59	13.139	1876	1879	1882	rVV	174594	153372	5.83%	0.329%
60	13.168	1882	1884	1891	rVV	161574	179275	6.81%	0.385%
61	13.251	1895	1898	1903	rVB5	80191	126920	4.82%	0.272%
62	13.345	1907	1914	1916	rBV6	104344	150746	5.73%	0.324%
63	13.368	1916	1918	1921	rVV	66639	64079	2.44%	0.138%
64	13.427	1925	1928	1930	rBV3	51454	63246	2.40%	0.136%
65	13.457	1930	1933	1937	rVB	127738	156648	5.95%	0.336%
66	13.563	1946	1951	1953	rBV	207915	231877	8.81%	0.498%
67	13.592	1953	1956	1958	rVV	295201	253389	9.63%	0.544%
68	13.615	1958	1960	1966	rVV3	209798	263977	10.03%	0.567%
69	13.668	1966	1969	1977	rVB3	285917	401294	15.25%	0.861%
70	13.810	1986	1993	1997	rBV2	1585047	2418537	91.92%	5.192%
71	13.845	1997	1999	2004	rVB	1389017	1150566	43.73%	2.470%

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72	13.921	2007	2012	2017	rBV	272421	293303	11.15%	0.630%
73	13.963	2017	2019	2021	rBV	77453	69511	2.64%	0.149%
74	14.045	2030	2033	2036	rBV	112787	106120	4.03%	0.228%
75	14.162	2051	2053	2056	rBV2	78412	89655	3.41%	0.192%
76	14.204	2056	2060	2063	rVV	285046	296076	11.25%	0.636%
77	14.233	2063	2065	2069	rVV	136871	128845	4.90%	0.277%
78	14.298	2070	2076	2078	rVV2	224377	306552	11.65%	0.658%
79	14.327	2078	2081	2082	rVV2	147644	134787	5.12%	0.289%
80	14.345	2082	2084	2088	rVB2	206330	192470	7.32%	0.413%
81	14.398	2091	2093	2099	rVB2	102221	129267	4.91%	0.277%
82	14.510	2109	2112	2120	rBV5	75654	136458	5.19%	0.293%
83	14.592	2123	2126	2129	rBV2	91083	95059	3.61%	0.204%
84	14.674	2138	2140	2147	rVB3	97639	124078	4.72%	0.266%
85	14.833	2162	2167	2169	rBV	1124254	1606694	61.07%	3.449%
86	14.910	2176	2180	2181	rBV2	94666	140472	5.34%	0.302%
87	14.927	2181	2183	2186	rVB	261715	237575	9.03%	0.510%
88	15.109	2209	2214	2219	rVB	668221	873073	33.18%	1.874%
89	15.168	2219	2224	2228	rVB	1082433	1242929	47.24%	2.668%
90	15.221	2229	2233	2236	rBV	580896	750230	28.51%	1.610%
91	15.251	2236	2238	2244	rVB2	352603	431145	16.39%	0.925%
92	15.656	2305	2307	2312	rVB3	119741	118517	4.50%	0.254%
93	16.392	2426	2432	2435	rBV2	67414	135738	5.16%	0.291%
94	16.574	2457	2463	2470	rVB2	428147	812082	30.87%	1.743%
95	16.727	2484	2489	2494	rBV	92609	183737	6.98%	0.394%
96	16.780	2494	2498	2504	rVV2	65869	117315	4.46%	0.252%
97	16.980	2525	2532	2541	rVB	329335	658091	25.01%	1.413%
98	17.198	2564	2569	2572	rBV	69207	123320	4.69%	0.265%
99	17.739	2658	2661	2663	rBV4	43437	59982	2.28%	0.129%
100	18.133	2725	2728	2732	rBV6	34652	72803	2.77%	0.156%

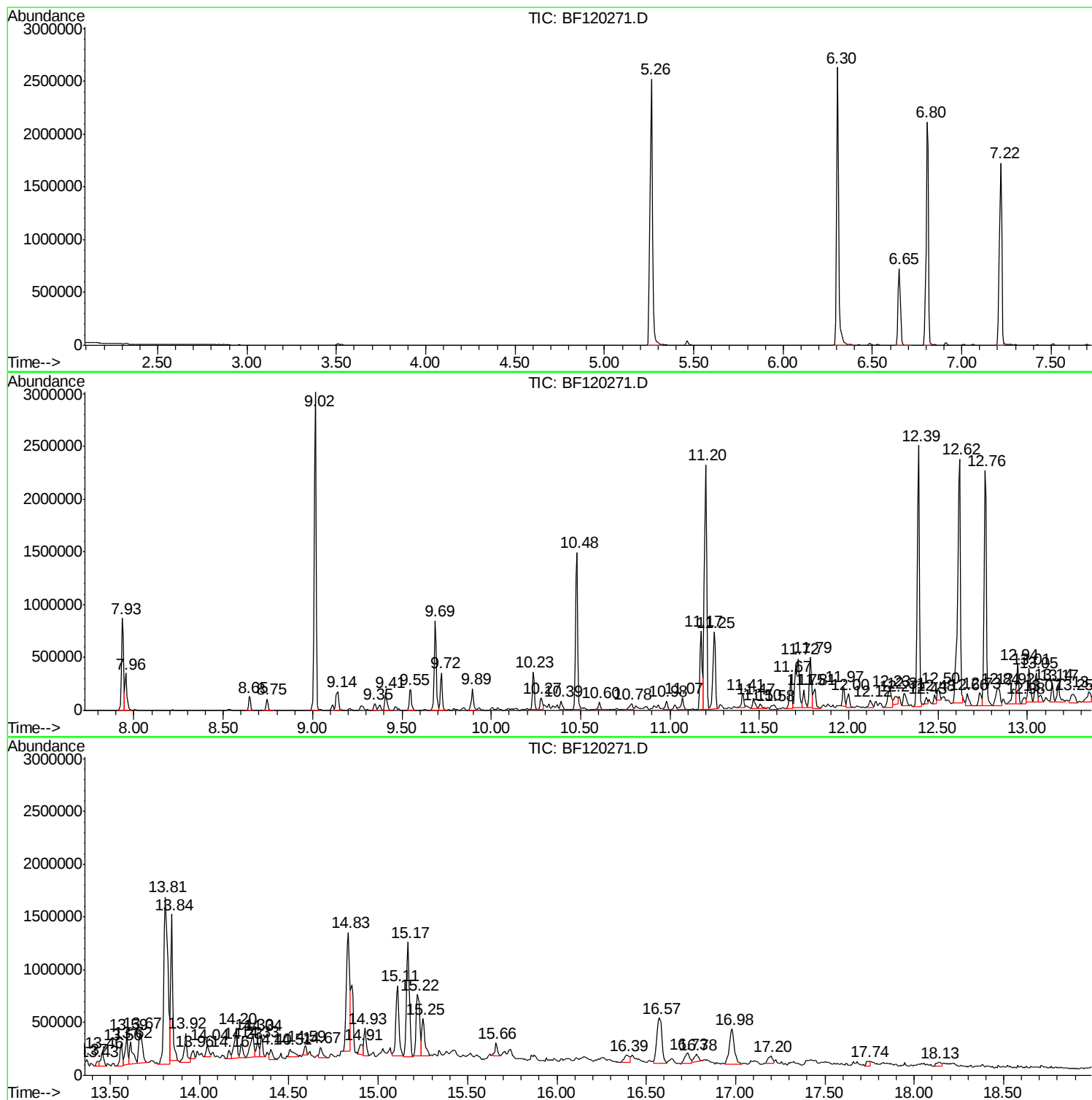
Sum of corrected areas: 46586272

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Instrument :
BNA_F
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



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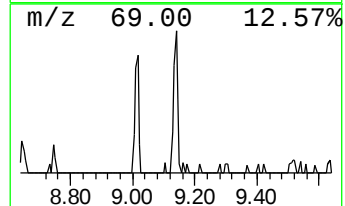
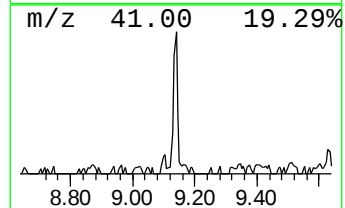
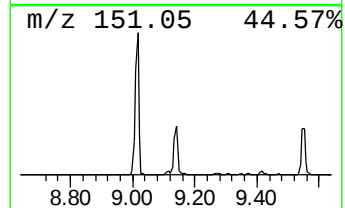
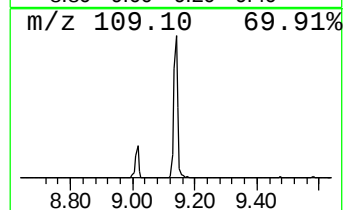
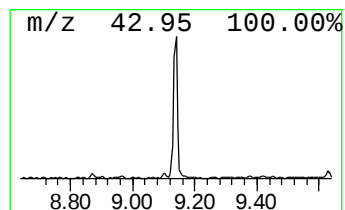
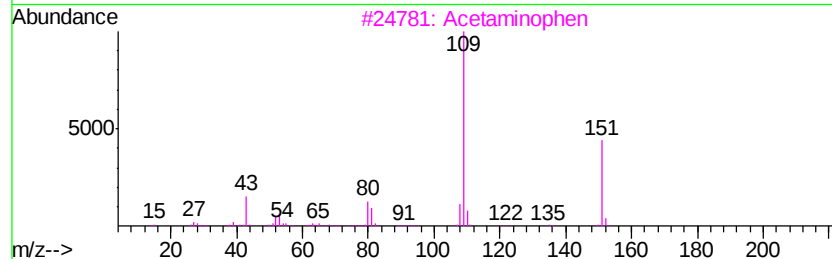
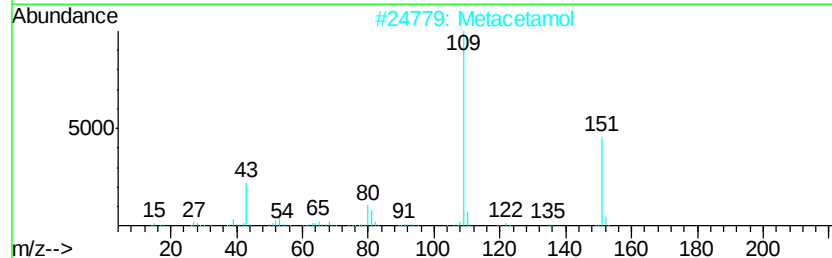
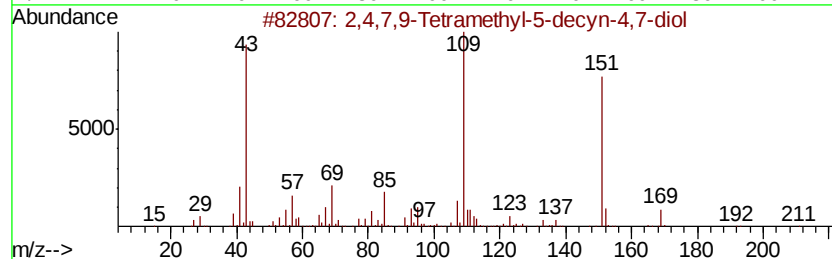
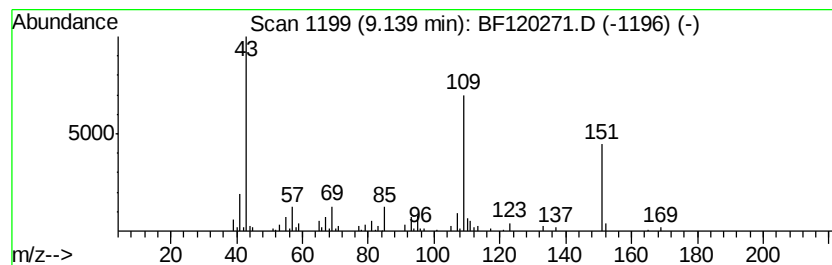
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	4.22 ng	155824	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	86
2		Metacetamol	151	C8H9NO2	000621-42-1	52
3		Acetaminophen	151	C8H9NO2	000103-90-2	50
4		Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	50
5		Benzenamine, 4-propoxy-	151	C9H13NO	004469-80-1	50



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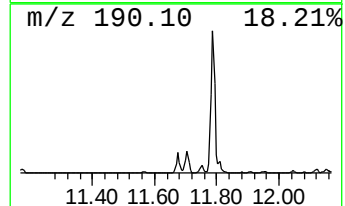
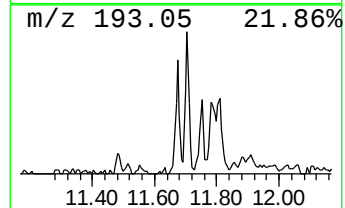
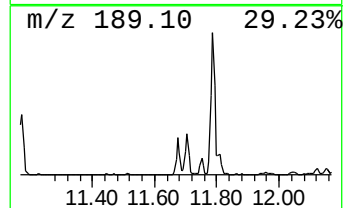
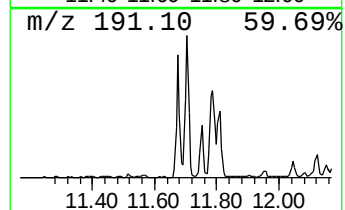
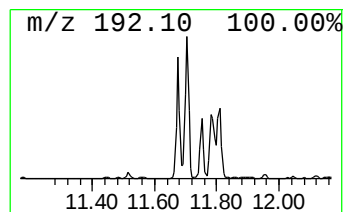
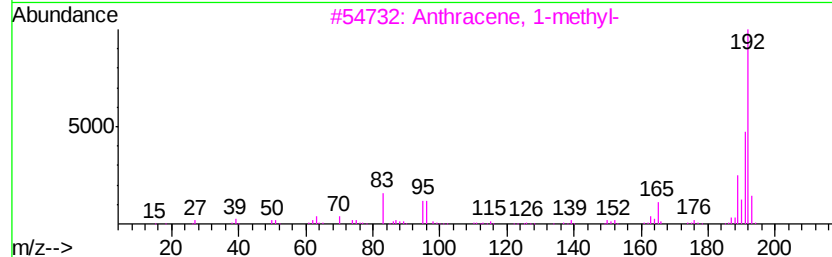
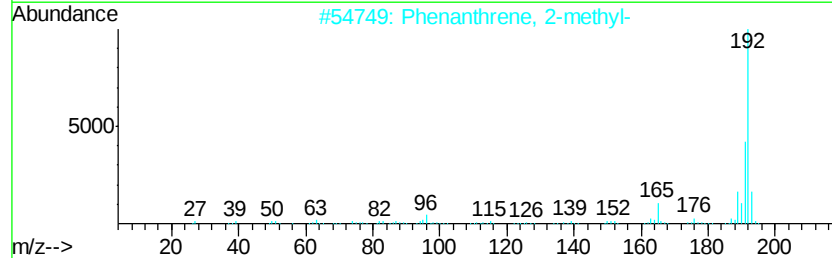
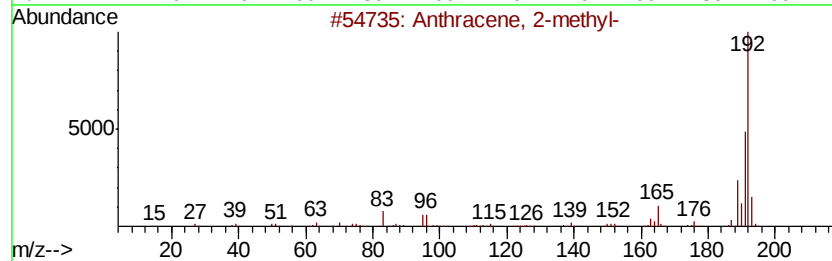
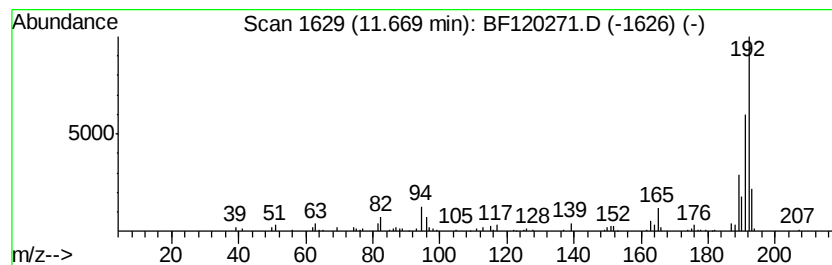
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	6.25 ng	238351	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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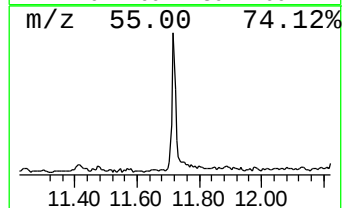
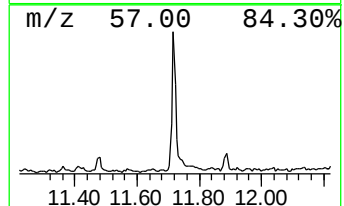
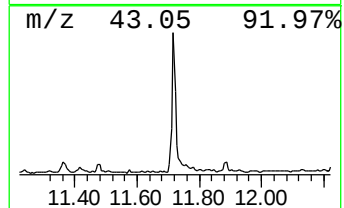
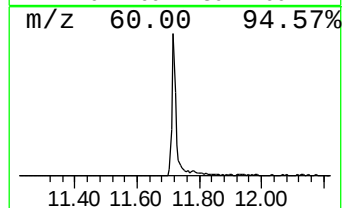
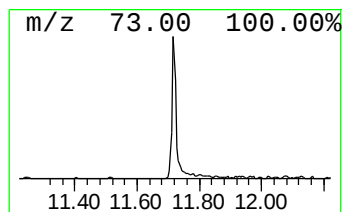
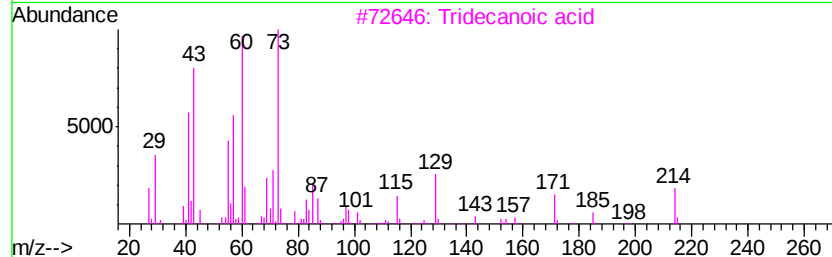
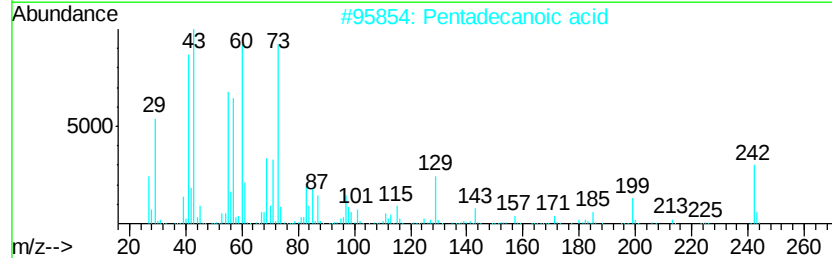
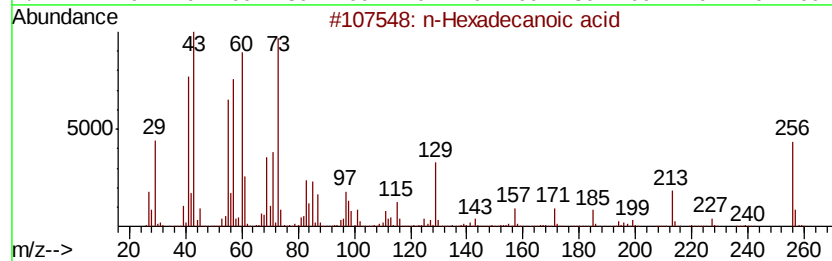
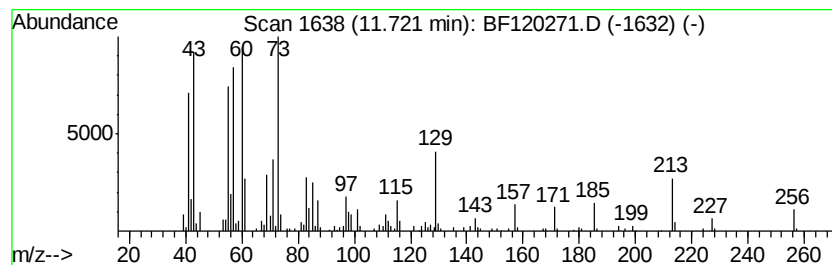
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TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	17.55 ng	669134	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120271.D
Acq On : 1 May 2020 21:13
Operator : MA/SJ
Sample : L2463-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

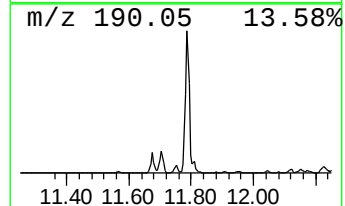
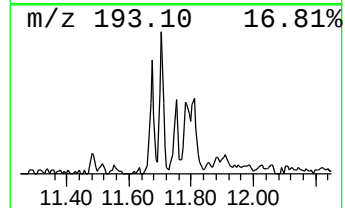
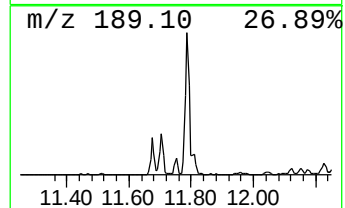
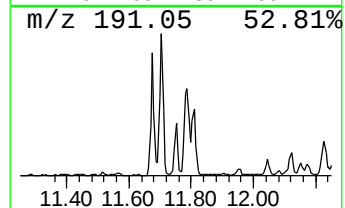
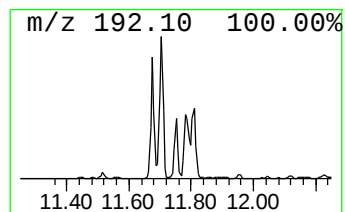
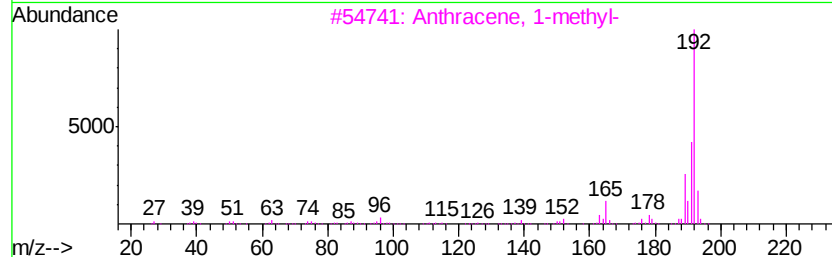
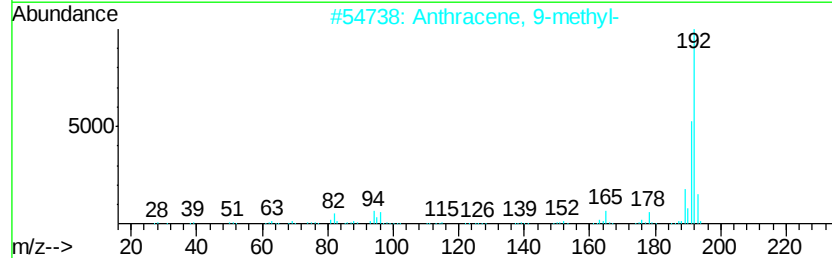
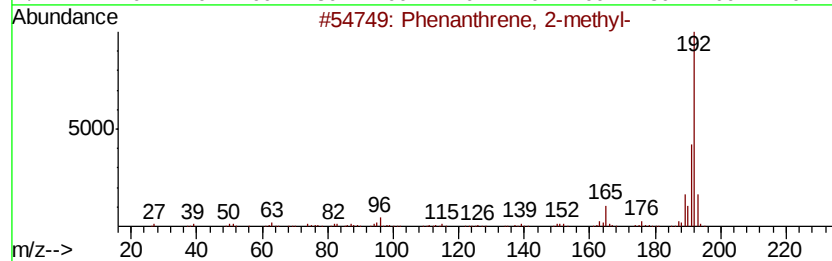
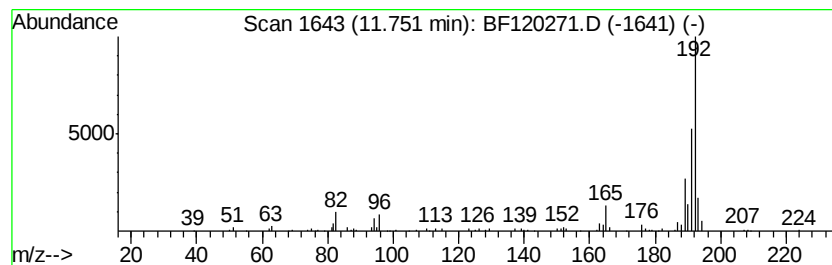
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ClientSampleId :
NORTH-AOC14-CAR-WASH

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 5 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	3.57 ng	136045	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120271.D
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Sample : L2463-07
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ALS Vial : 16 Sample Multiplier: 1

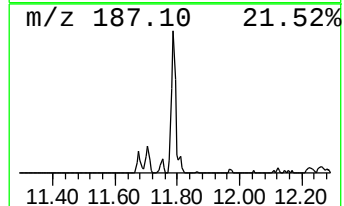
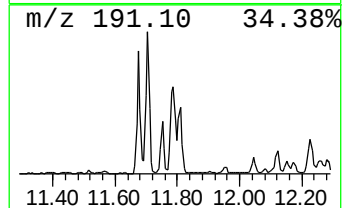
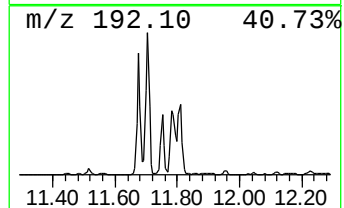
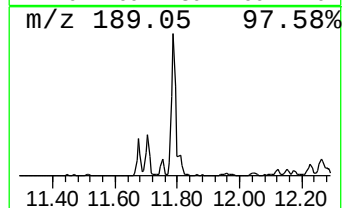
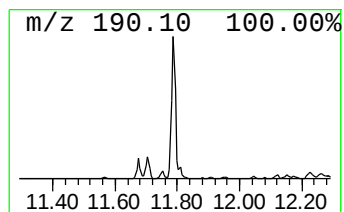
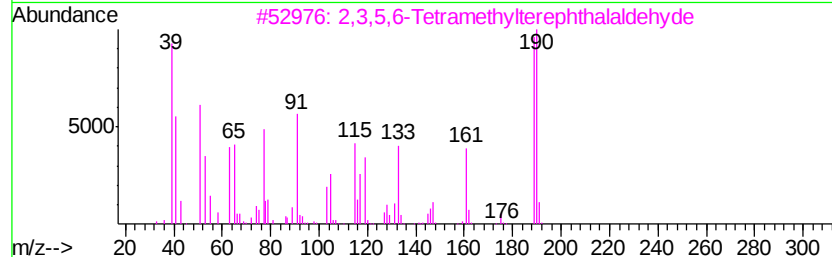
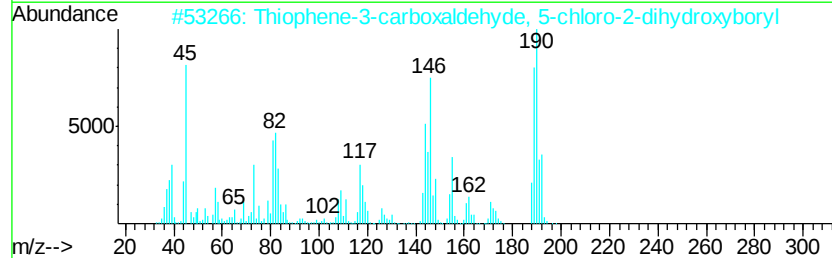
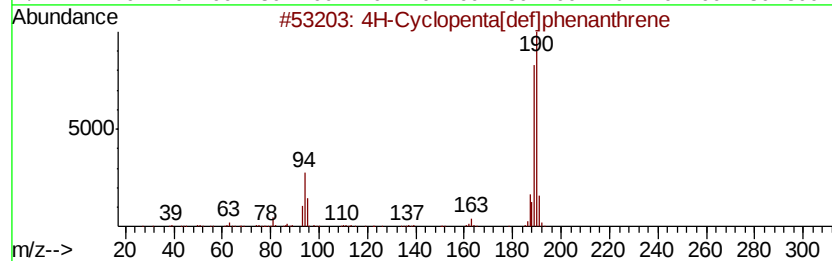
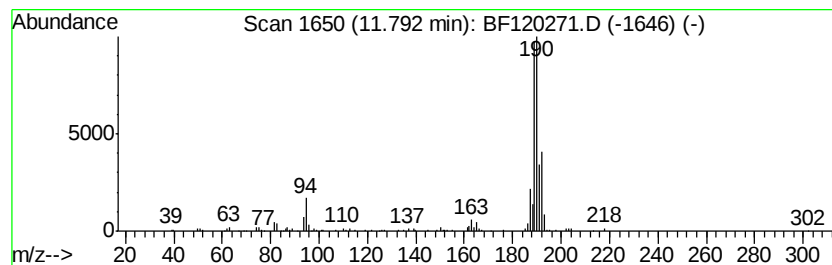
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	12.16 ng	463858	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
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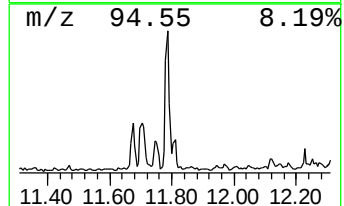
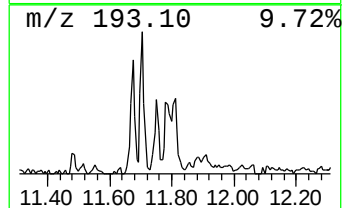
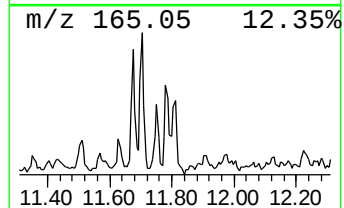
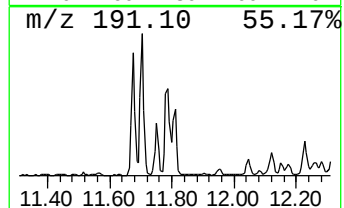
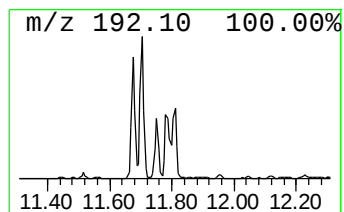
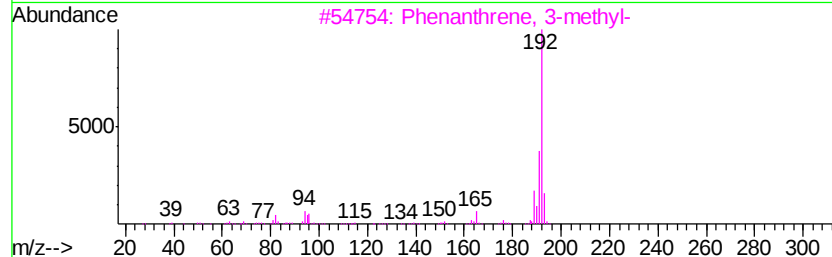
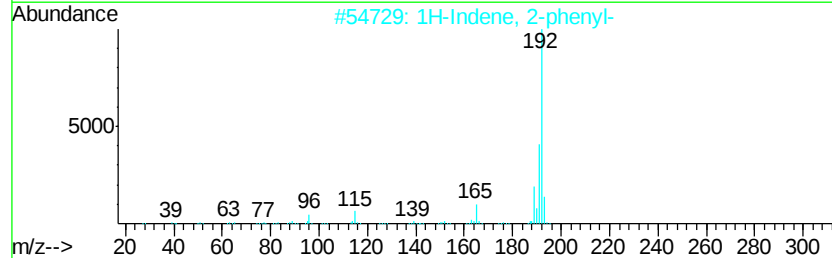
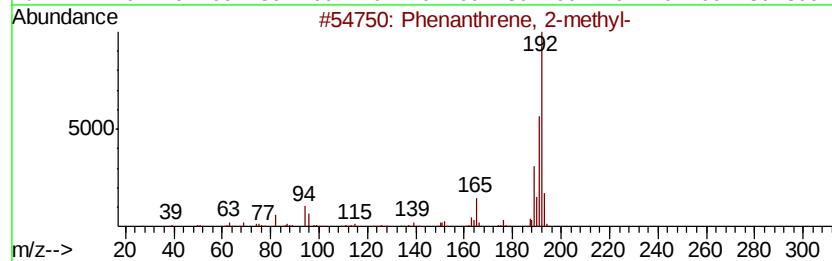
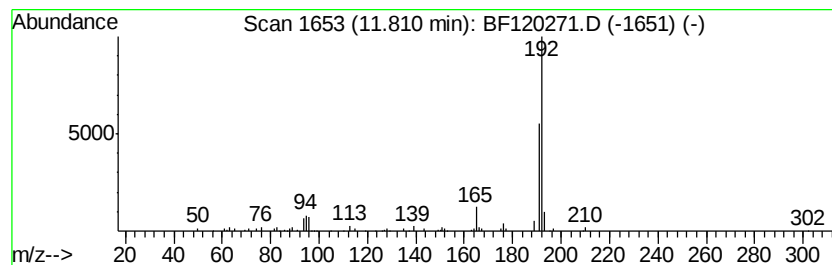
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	4.17 ng	158923	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64



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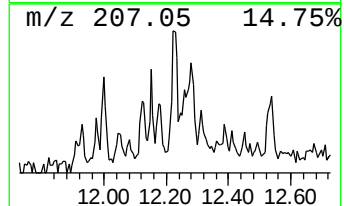
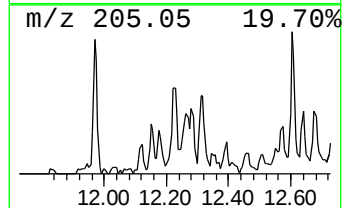
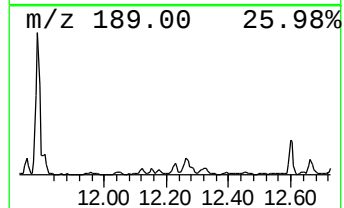
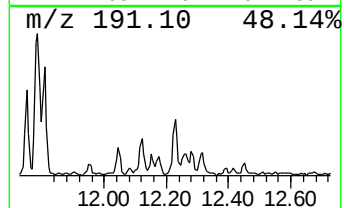
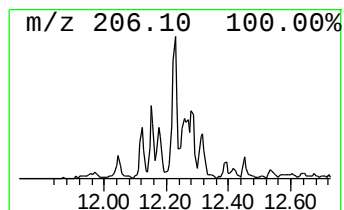
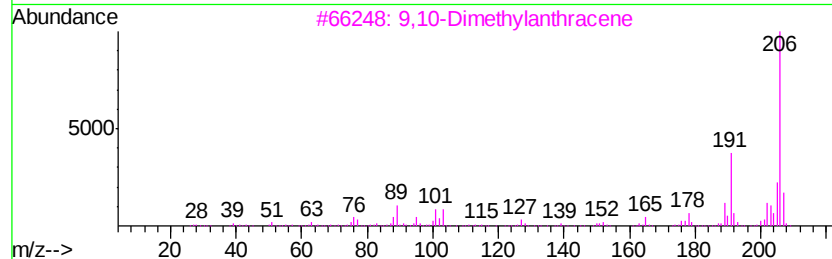
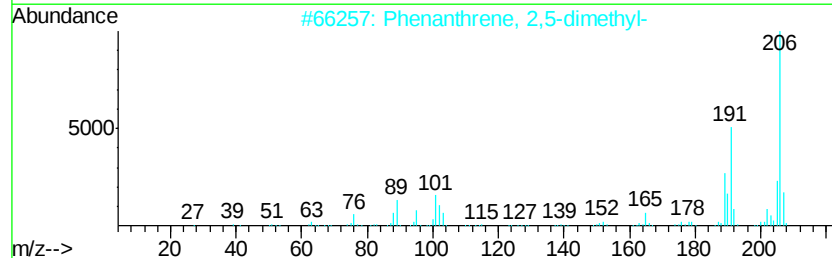
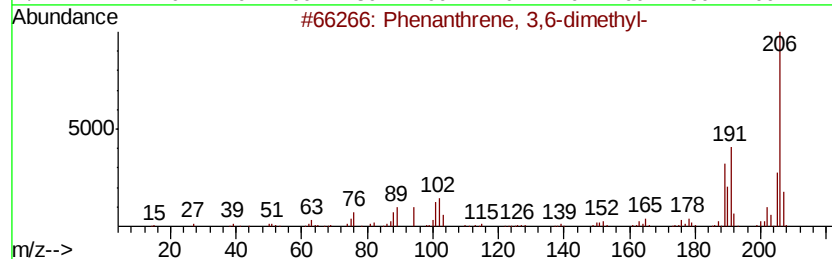
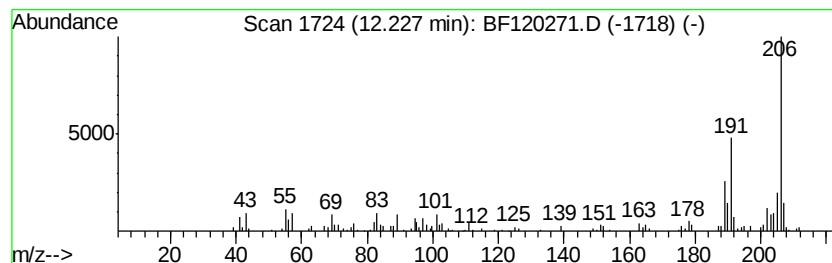
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	6.37 ng	242750	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
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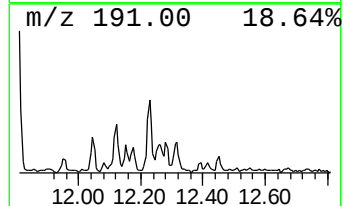
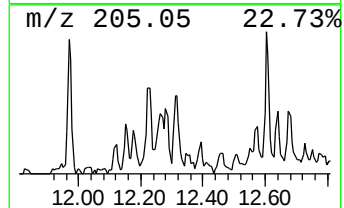
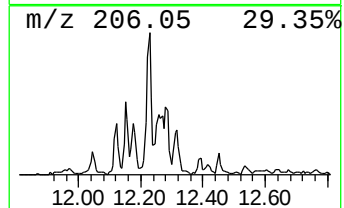
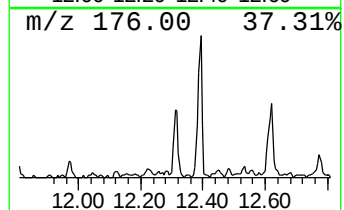
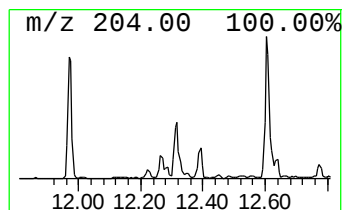
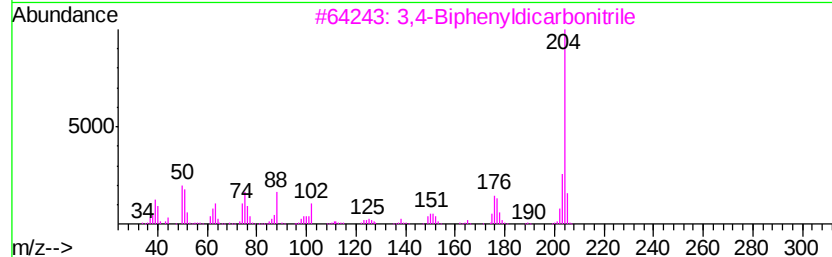
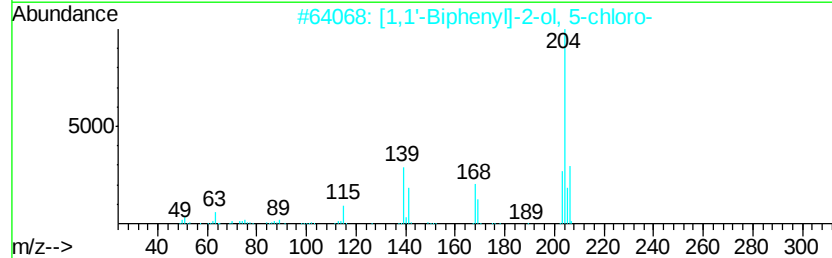
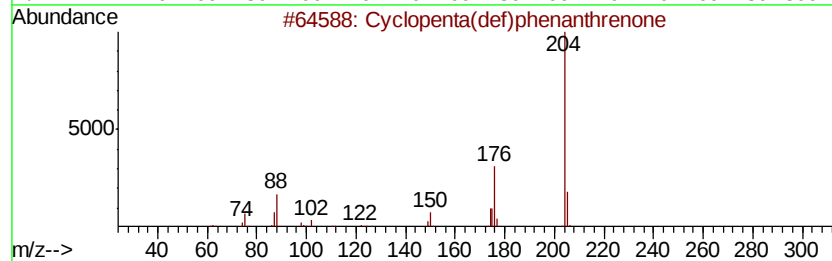
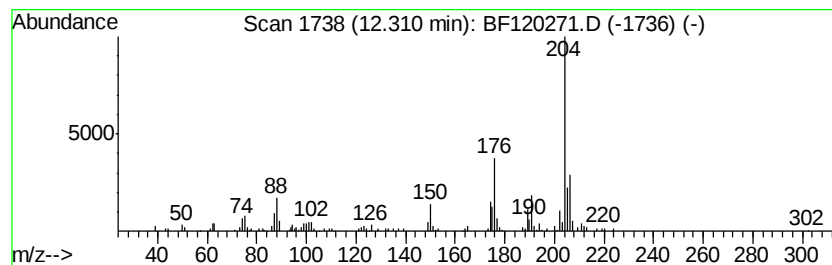
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.76 ng	143377	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4		1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	46
5		[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
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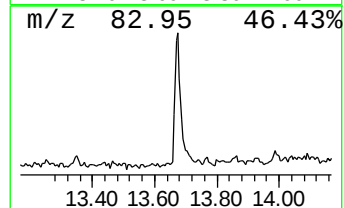
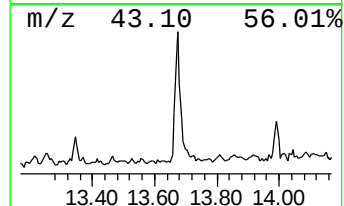
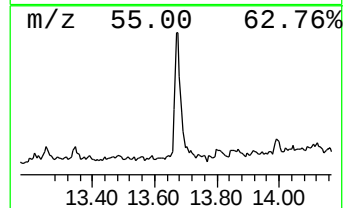
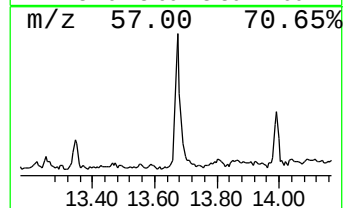
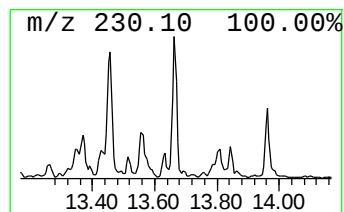
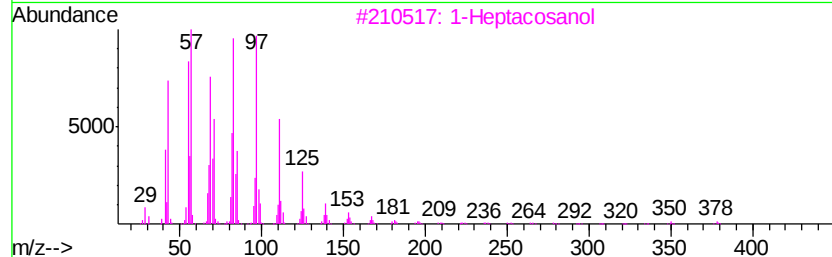
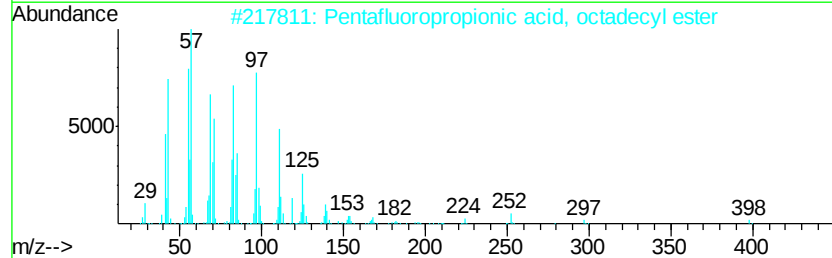
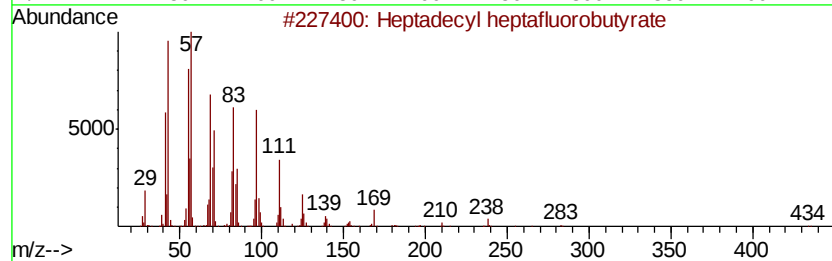
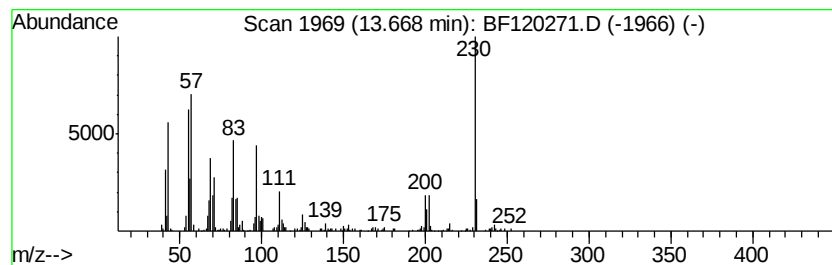
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Heptadecyl heptafluorobutyrate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	3.32 ng	401294	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
2		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	50
3		1-Heptacosanol	396	C27H56O	002004-39-9	50
4		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	50
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NORTH-AOC14-CAR-WASH

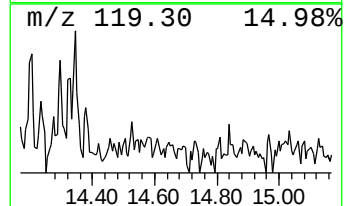
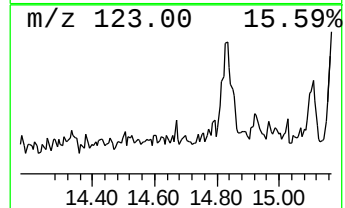
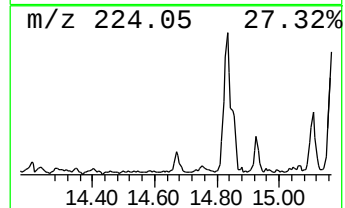
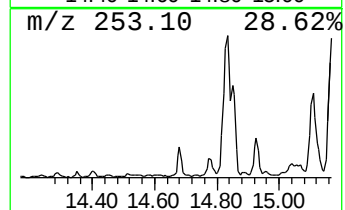
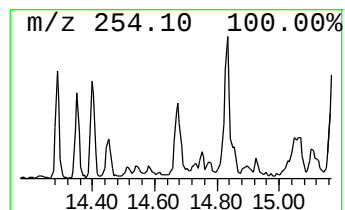
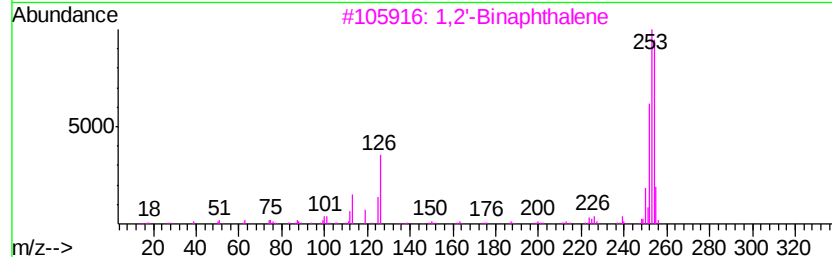
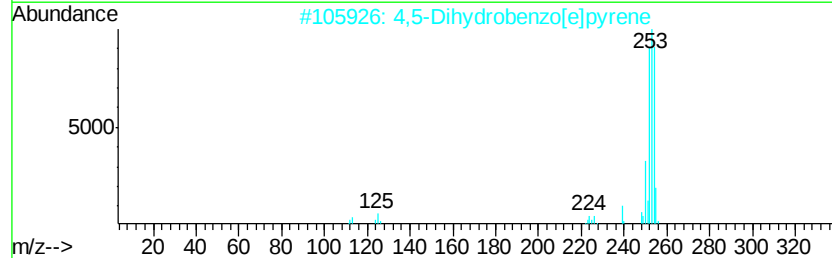
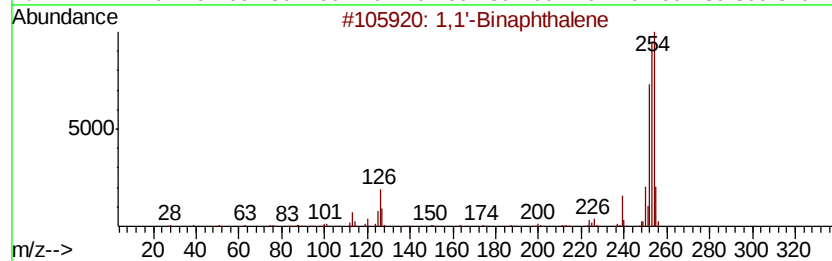
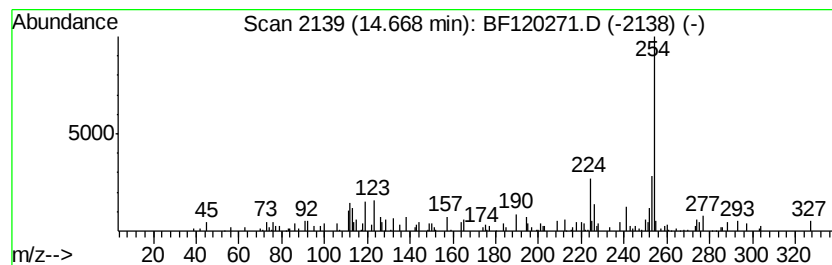
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Binaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.31 ng	124078	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	81
2		4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	76
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	74
4		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	74
5		4,6'-Biazuleny1	254	C20H14	094154-49-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120271.D
Acq On : 1 May 2020 21:13
Operator : MA/SJ
Sample : L2463-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

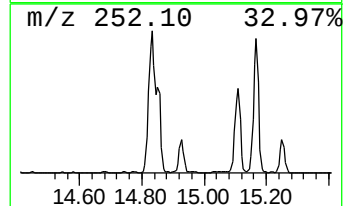
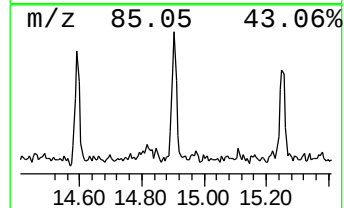
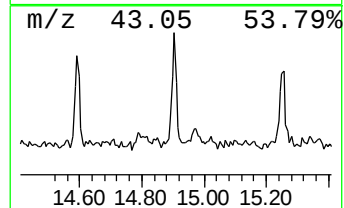
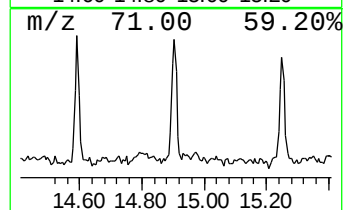
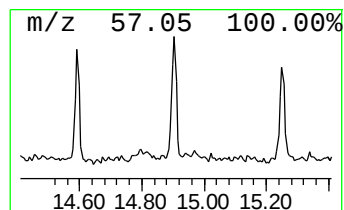
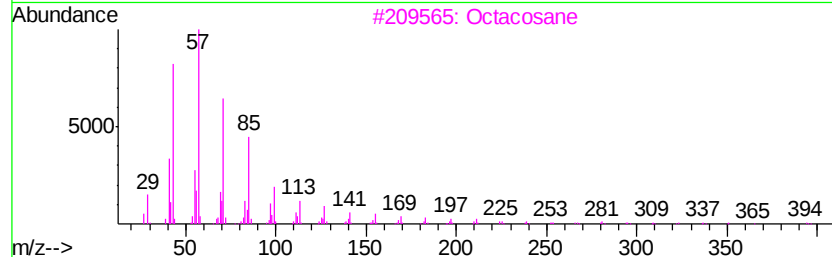
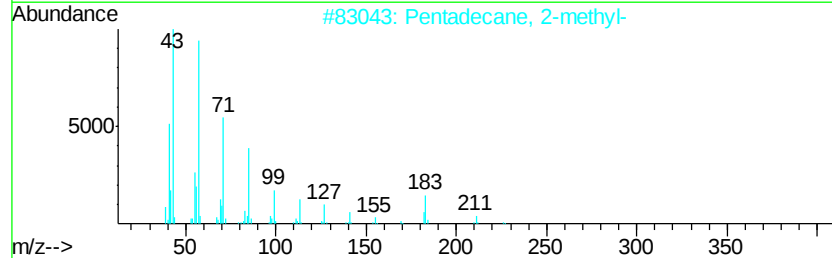
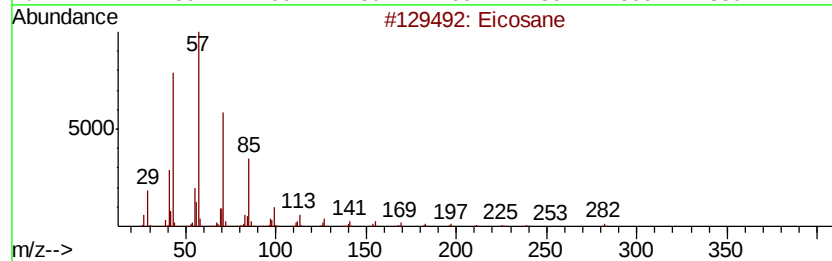
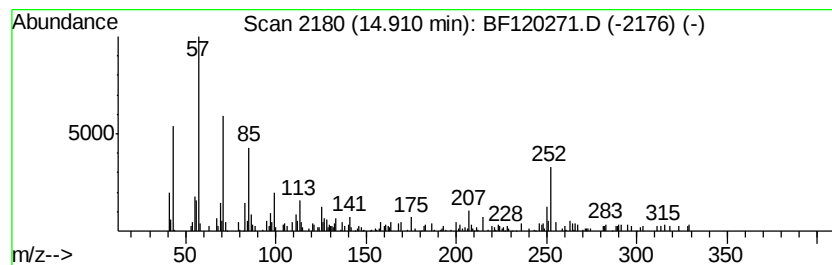
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ClientSampleId :
NORTH-AOC14-CAR-WASH

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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 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.74 ng	140472	Perylene-d12	15.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	70
2	Pentadecane, 2-methyl-	226 C16H34	001560-93-6	64
3	Octacosane	394 C28H58	000630-02-4	58
4	Pentacosane	352 C25H52	000629-99-2	58
5	Hentriacontane	437 C31H64	000630-04-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
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Operator : MA/SJ
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Misc :
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Instrument :
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ClientSampleId :
NORTH-AOC14-CAR-WASH

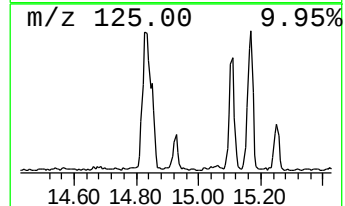
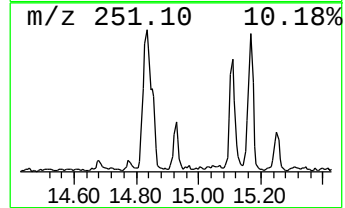
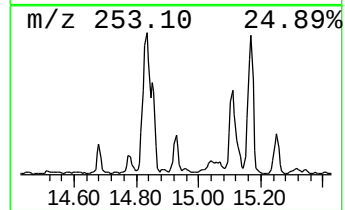
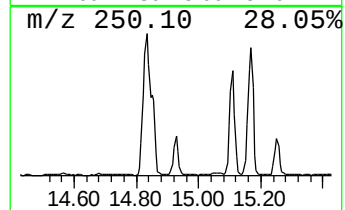
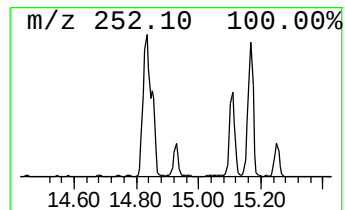
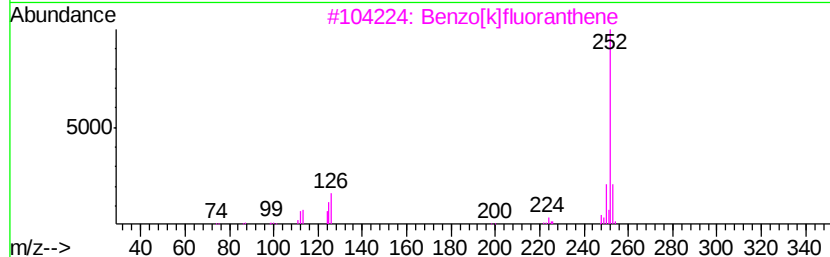
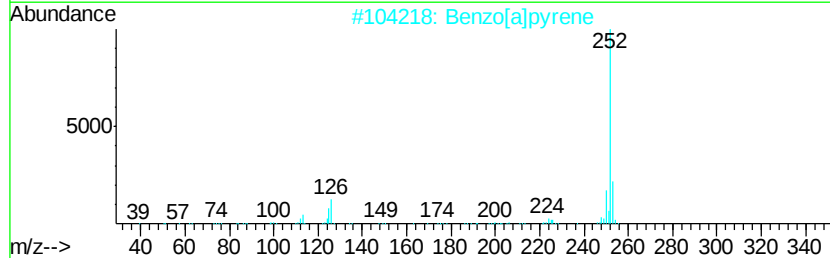
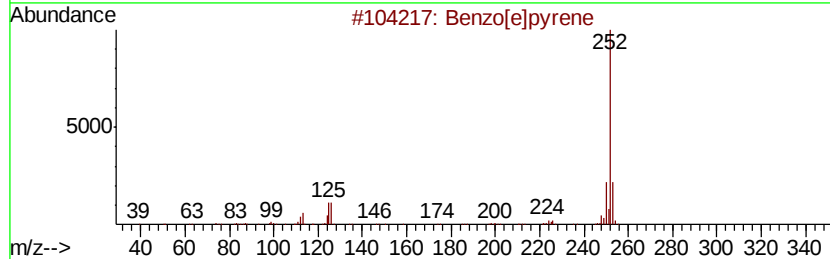
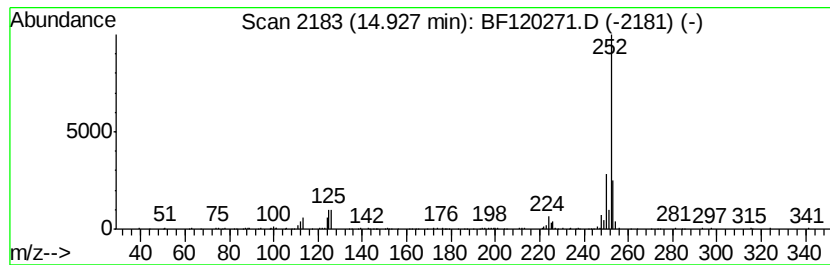
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	6.33 ng	237575	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4		Perylene	252	C20H12	000198-55-0	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120271.D
Acq On : 1 May 2020 21:13
Operator : MA/SJ
Sample : L2463-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NORTH-AOC14-CAR-WASH

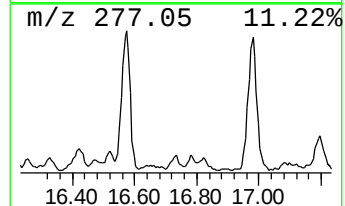
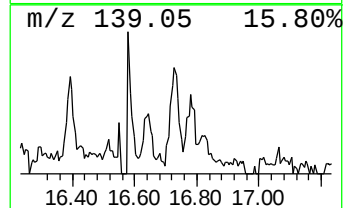
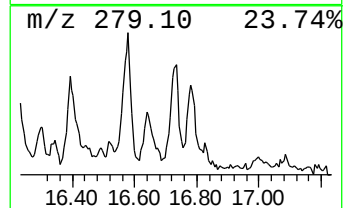
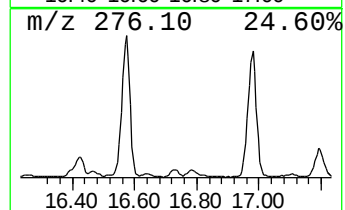
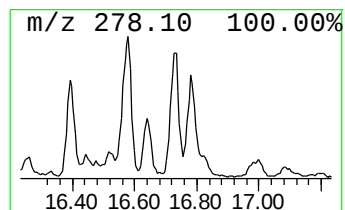
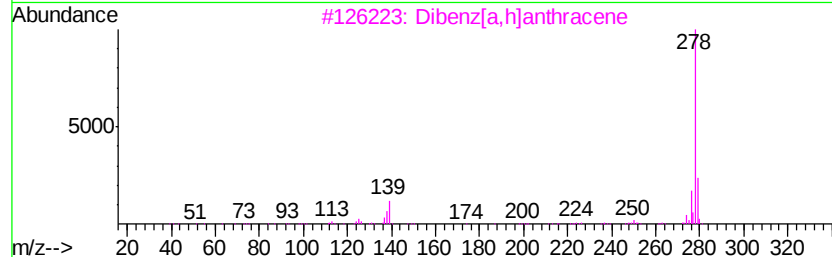
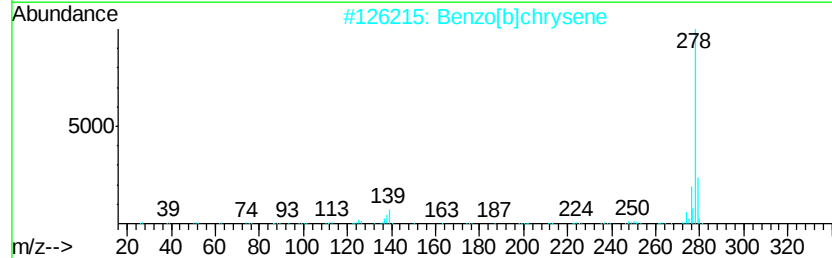
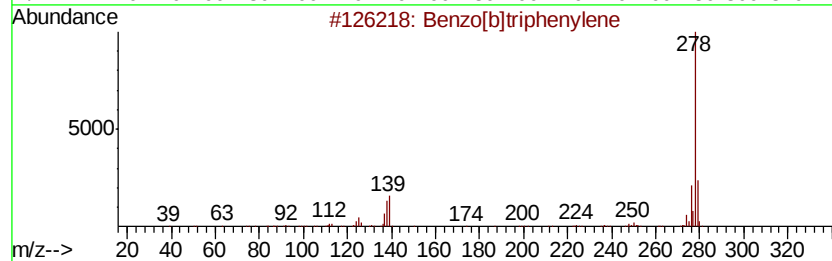
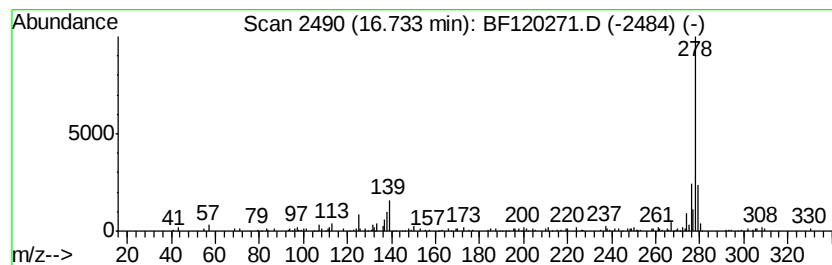
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	4.90 ng	183737	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2		Benzo[b]chrysene	278	C22H14	000214-17-5	94
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	91
5		Pentaphene	278	C22H14	000222-93-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120271.D
Acq On : 1 May 2020 21:13
Operator : MA/SJ
Sample : L2463-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-AOC14-CAR-WASH

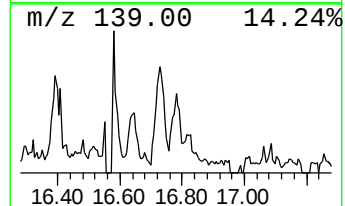
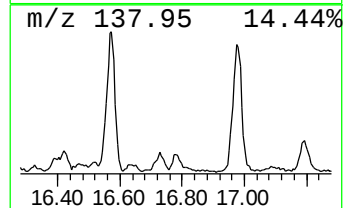
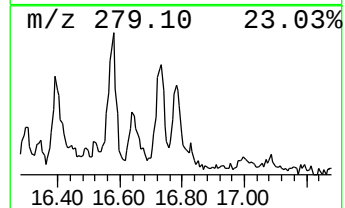
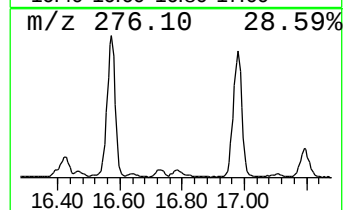
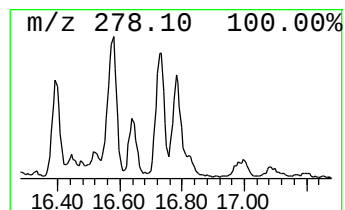
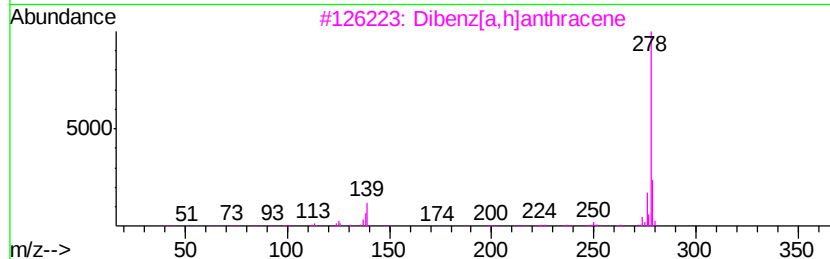
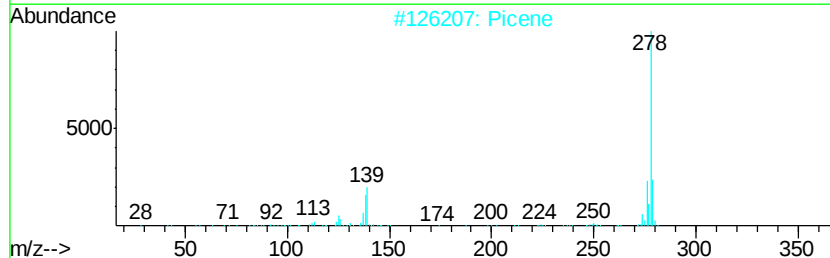
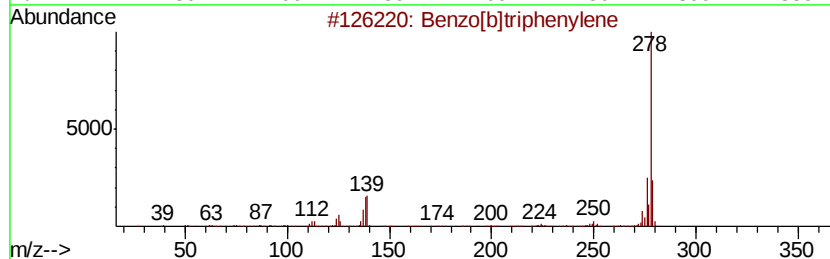
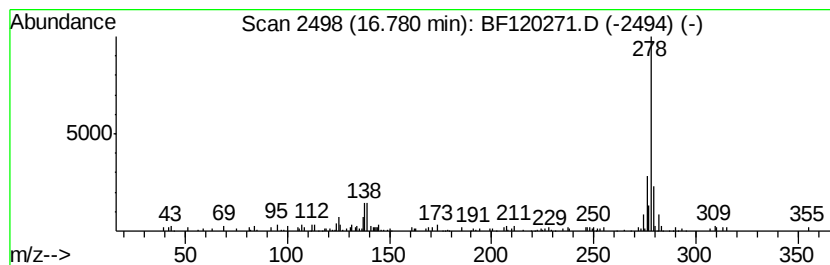
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Picene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	3.13 ng	117315	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	94
2		Picene	278	C22H14	000213-46-7	92
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
4		Benzo[b]chrysene	278	C22H14	000214-17-5	89
5		Pentaphene	278	C22H14	000222-93-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120271.D
Acq On : 1 May 2020 21:13
Operator : MA/SJ
Sample : L2463-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NORTH-AOC14-CAR-WASH

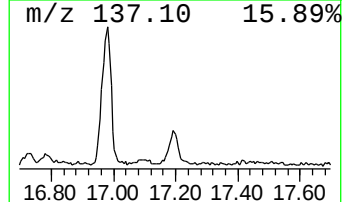
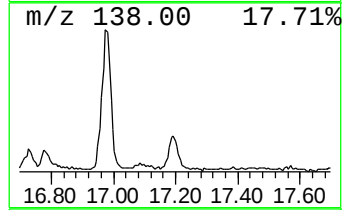
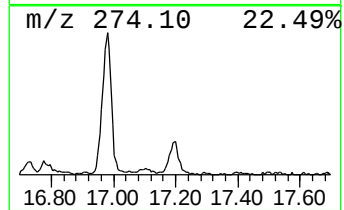
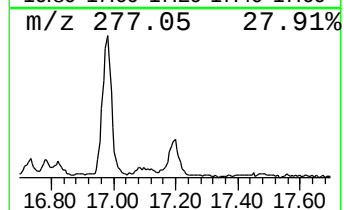
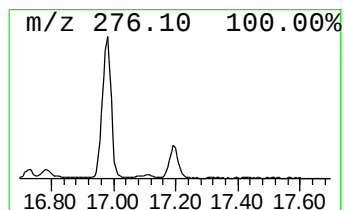
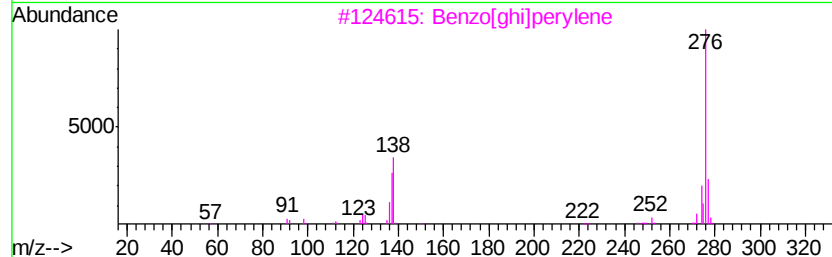
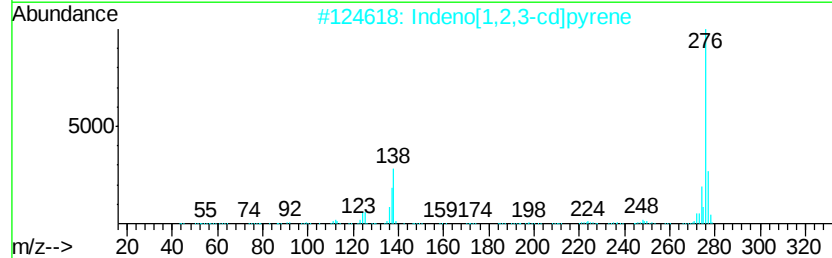
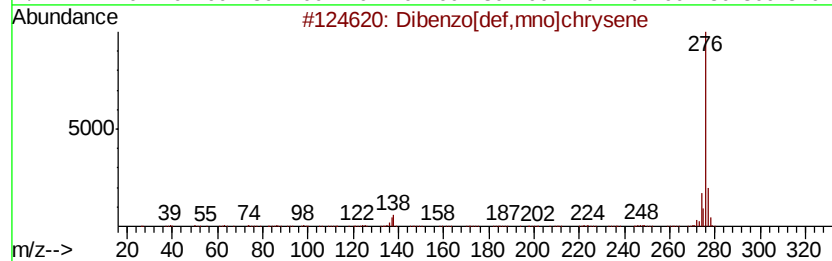
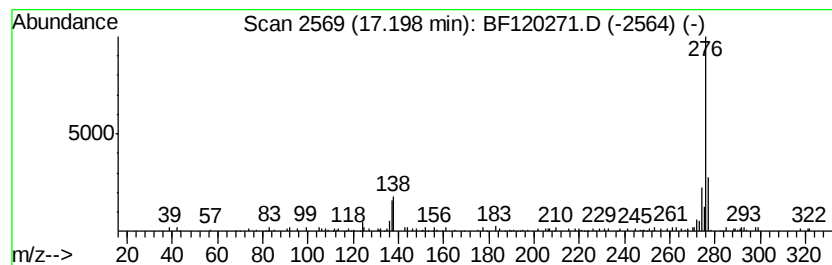
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	3.29 ng	123320	Perylene-d12	15.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
2			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
3			Benzo[ghi]perylene	276	C22H12	000191-24-2	76
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5			Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF050120\
 Data File : BF120271.D
 Acq On : 1 May 2020 21:13
 Operator : MA/SJ
 Sample : L2463-07
 Misc :
 ALS Vial : 16 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrameth...	9.14	4.2	ng	155824	3	9.69	739095	20.0
Anthracene, 2-met...	11.67	6.3	ng	238351	4	11.17	762648	20.0
n-Hexadecanoic acid	11.72	17.6	ng	669134	4	11.17	762648	20.0
Phenanthrene, 2-m...	11.75	3.6	ng	136045	4	11.17	762648	20.0
4H-Cyclopenta[def...	11.79	12.2	ng	463858	4	11.17	762648	20.0
1H-Indene, 2-phenyl-	11.81	4.2	ng	158923	4	11.17	762648	20.0
1,2,4,8-Tetrameth...	11.97	4.5	ng	169605	4	11.17	762648	20.0
Phenanthrene, 3,6...	12.23	6.4	ng	242750	4	11.17	762648	20.0
Cyclopenta(def)ph...	12.31	3.8	ng	143377	4	11.17	762648	20.0
Heptadecyl heptaf...	13.67	3.3	ng	401294	5	13.82	2418540	20.0
1,1'-Binaphthalene	14.67	3.3	ng	124078	6	15.22	750230	20.0
Eicosane	14.91	3.7	ng	140472	6	15.22	750230	20.0
Benzo[e]pyrene	14.93	6.3	ng	237575	6	15.22	750230	20.0
10-Methylbenzo(a)...	15.66	3.2	ng	118517	6	15.22	750230	20.0
Benzo[b]triphenylene	16.73	4.9	ng	183737	6	15.22	750230	20.0
Picene	16.78	3.1	ng	117315	6	15.22	750230	20.0
Dibenzo[def,mno]c...	17.20	3.3	ng	123320	6	15.22	750230	20.0