

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119751.D
 Acq On : 4 Apr 2020 8:02
 Operator : MA/SJ
 Sample : L2129-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

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-BF031820.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	5.040	493	502	512	rVB	79631	135009	2.00%	0.168%
2	5.428	562	568	571	rBV	6098267	6457517	95.73%	8.048%
3	6.439	734	740	743	rBV	5022398	6510238	96.51%	8.114%
4	6.804	798	802	805	rBV	1363684	1117495	16.57%	1.393%
5	6.963	824	829	832	rBV	5644730	5064855	75.08%	6.312%
6	7.369	892	898	901	rBV	4053448	4282104	63.48%	5.337%
7	8.086	1015	1020	1023	rBV	1717062	1464479	21.71%	1.825%
8	9.169	1198	1204	1207	rBV	7273396	6745816	100.00%	8.407%
9	9.251	1214	1218	1219	rBV	115632	97747	1.45%	0.122%
10	9.557	1267	1270	1274	rBV	817031	758800	11.25%	0.946%
11	9.704	1290	1295	1300	rVB	165030	134427	1.99%	0.168%
12	9.780	1305	1308	1312	rVB	163222	127482	1.89%	0.159%
13	9.845	1312	1319	1322	rBV	1891797	1563551	23.18%	1.949%
14	9.875	1322	1324	1328	rVB	167643	146481	2.17%	0.183%
15	10.004	1340	1346	1350	rBV5	38876	72569	1.08%	0.090%
16	10.045	1350	1353	1356	rVV	175363	159745	2.37%	0.199%
17	10.280	1390	1393	1395	rVB	159138	117364	1.74%	0.146%
18	10.392	1408	1412	1418	rBV2	151023	175043	2.59%	0.218%
19	10.551	1436	1439	1443	rVB	112482	115485	1.71%	0.144%
20	10.633	1447	1453	1457	rVV	3842846	4029442	59.73%	5.022%
21	10.669	1457	1459	1465	rVB3	52193	83356	1.24%	0.104%
22	10.757	1470	1474	1478	rBV2	243928	296568	4.40%	0.370%
23	10.945	1496	1506	1508	rBV5	87978	160941	2.39%	0.201%
24	11.069	1522	1527	1529	rBV3	95692	106952	1.59%	0.133%
25	11.092	1529	1531	1535	rVV2	110329	109648	1.63%	0.137%
26	11.133	1535	1538	1542	rVB	149510	140650	2.08%	0.175%
27	11.180	1542	1546	1547	rBV	110952	116106	1.72%	0.145%
28	11.204	1547	1550	1552	rVV2	190135	198242	2.94%	0.247%
29	11.227	1552	1554	1560	rVB2	174425	169367	2.51%	0.211%
30	11.333	1567	1572	1574	rBV	1537443	1499751	22.23%	1.869%
31	11.357	1574	1576	1579	rVV	2287058	1738583	25.77%	2.167%
32	11.404	1582	1584	1587	rVV	468310	390161	5.78%	0.486%
33	11.439	1587	1590	1594	rVV2	87529	84825	1.26%	0.106%
34	11.557	1605	1610	1613	rBV2	143936	178684	2.65%	0.223%

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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-BF031820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.627	1620	1622	1625	rVB	195256	151050	2.24%	0.188%
36	11.663	1625	1628	1634	rVB3	113946	109040	1.62%	0.136%
37	11.833	1654	1657	1659	rBV	464150	370165	5.49%	0.461%
38	11.863	1659	1662	1666	rVV	1091284	918314	13.61%	1.144%
39	11.910	1666	1670	1672	rVV	206939	184305	2.73%	0.230%
40	11.945	1672	1676	1678	rVV2	562353	616436	9.14%	0.768%
41	11.969	1678	1680	1684	rVB	374372	298794	4.43%	0.372%
42	12.016	1684	1688	1690	rBV5	57065	78971	1.17%	0.098%
43	12.039	1690	1692	1694	rVB	134177	95994	1.42%	0.120%
44	12.127	1705	1707	1709	rBV	317039	269349	3.99%	0.336%
45	12.151	1709	1711	1715	rVB2	246112	206296	3.06%	0.257%
46	12.280	1730	1733	1736	rVB	134684	111908	1.66%	0.139%
47	12.310	1736	1738	1740	rBV	114009	90415	1.34%	0.113%
48	12.333	1740	1742	1745	rVB	130463	98969	1.47%	0.123%
49	12.386	1747	1751	1754	rBV	480274	548073	8.12%	0.683%
50	12.421	1754	1757	1759	rVV2	211365	240456	3.56%	0.300%
51	12.468	1762	1765	1770	rVB	277193	304323	4.51%	0.379%
52	12.545	1774	1778	1782	rBV	2809085	2690291	39.88%	3.353%
53	12.592	1783	1786	1788	rBV	102569	102148	1.51%	0.127%
54	12.645	1792	1795	1797	rBV2	235980	229883	3.41%	0.286%
55	12.698	1802	1804	1808	rVB	94116	81157	1.20%	0.101%
56	12.774	1811	1817	1820	rVV2	2530860	2914287	43.20%	3.632%
57	12.821	1823	1825	1831	rVB2	218566	270803	4.01%	0.337%
58	12.892	1834	1837	1838	rBV2	205732	173697	2.57%	0.216%
59	12.921	1838	1842	1845	rVV	5206731	4817376	71.41%	6.004%
60	12.992	1849	1854	1858	rBV2	292758	487090	7.22%	0.607%
61	13.080	1866	1869	1870	rBV2	199550	192068	2.85%	0.239%
62	13.104	1870	1873	1876	rVB2	377378	402399	5.97%	0.501%
63	13.168	1879	1884	1886	rVV2	189401	237899	3.53%	0.296%
64	13.204	1886	1890	1893	rVV2	414058	445210	6.60%	0.555%
65	13.233	1893	1895	1898	rVB2	102562	81896	1.21%	0.102%
66	13.298	1903	1906	1909	rVB	239347	195537	2.90%	0.244%
67	13.327	1909	1911	1915	rBV2	242696	218172	3.23%	0.272%
68	13.404	1921	1924	1929	rVB4	150907	174467	2.59%	0.217%
69	13.498	1934	1940	1943	rBV4	241135	381073	5.65%	0.475%
70	13.610	1956	1959	1964	rVB	374633	364956	5.41%	0.455%
71	13.715	1973	1977	1981	rBV2	273992	417926	6.20%	0.521%

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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72	13.751	1981	1983	1985	rVV	332139	271427	4.02%	0.338%
73	13.774	1985	1987	1991	rVV2	211573	288556	4.28%	0.360%
74	13.821	1991	1995	2002	rVB2	672164	899798	13.34%	1.121%
75	13.968	2013	2020	2023	rBV2	1984199	2897305	42.95%	3.611%
76	13.998	2023	2025	2031	rVB	1440585	1442460	21.38%	1.798%
77	14.080	2037	2039	2041	rVB	116729	80961	1.20%	0.101%
78	14.145	2047	2050	2055	rVB4	277873	366064	5.43%	0.456%
79	14.198	2055	2059	2062	rBV2	116863	162098	2.40%	0.202%
80	14.321	2078	2080	2082	rBV2	107576	106392	1.58%	0.133%
81	14.357	2082	2086	2090	rVV	386756	433911	6.43%	0.541%
82	14.392	2090	2092	2095	rVB2	238335	209644	3.11%	0.261%
83	14.451	2096	2102	2105	rBV4	389100	468114	6.94%	0.583%
84	14.486	2105	2108	2110	rBV	134535	125231	1.86%	0.156%
85	14.557	2118	2120	2126	rVB2	132359	136074	2.02%	0.170%
86	14.662	2135	2138	2140	rBV2	89475	96126	1.42%	0.120%
87	14.751	2149	2153	2156	rBV3	238268	294990	4.37%	0.368%
88	15.009	2192	2197	2200	rBV	1130953	1913128	28.36%	2.384%
89	15.086	2206	2210	2212	rBV2	196360	239695	3.55%	0.299%
90	15.109	2212	2214	2217	rVB	240246	223996	3.32%	0.279%
91	15.204	2226	2230	2231	rBV2	78030	107204	1.59%	0.134%
92	15.304	2243	2247	2253	rVB	713616	925495	13.72%	1.153%
93	15.368	2253	2258	2263	rVB	957236	1179111	17.48%	1.469%
94	15.427	2263	2268	2271	rBV	850430	1061760	15.74%	1.323%
95	15.457	2271	2273	2280	rVB3	372600	517689	7.67%	0.645%
96	15.892	2344	2347	2353	rBV2	127760	195191	2.89%	0.243%
97	15.945	2353	2356	2359	rBV5	65553	88969	1.32%	0.111%
98	16.862	2507	2512	2521	rVB2	377469	743578	11.02%	0.927%
99	17.039	2538	2542	2547	rBV	70346	114105	1.69%	0.142%
100	17.298	2580	2586	2594	rVB	263401	529399	7.85%	0.660%

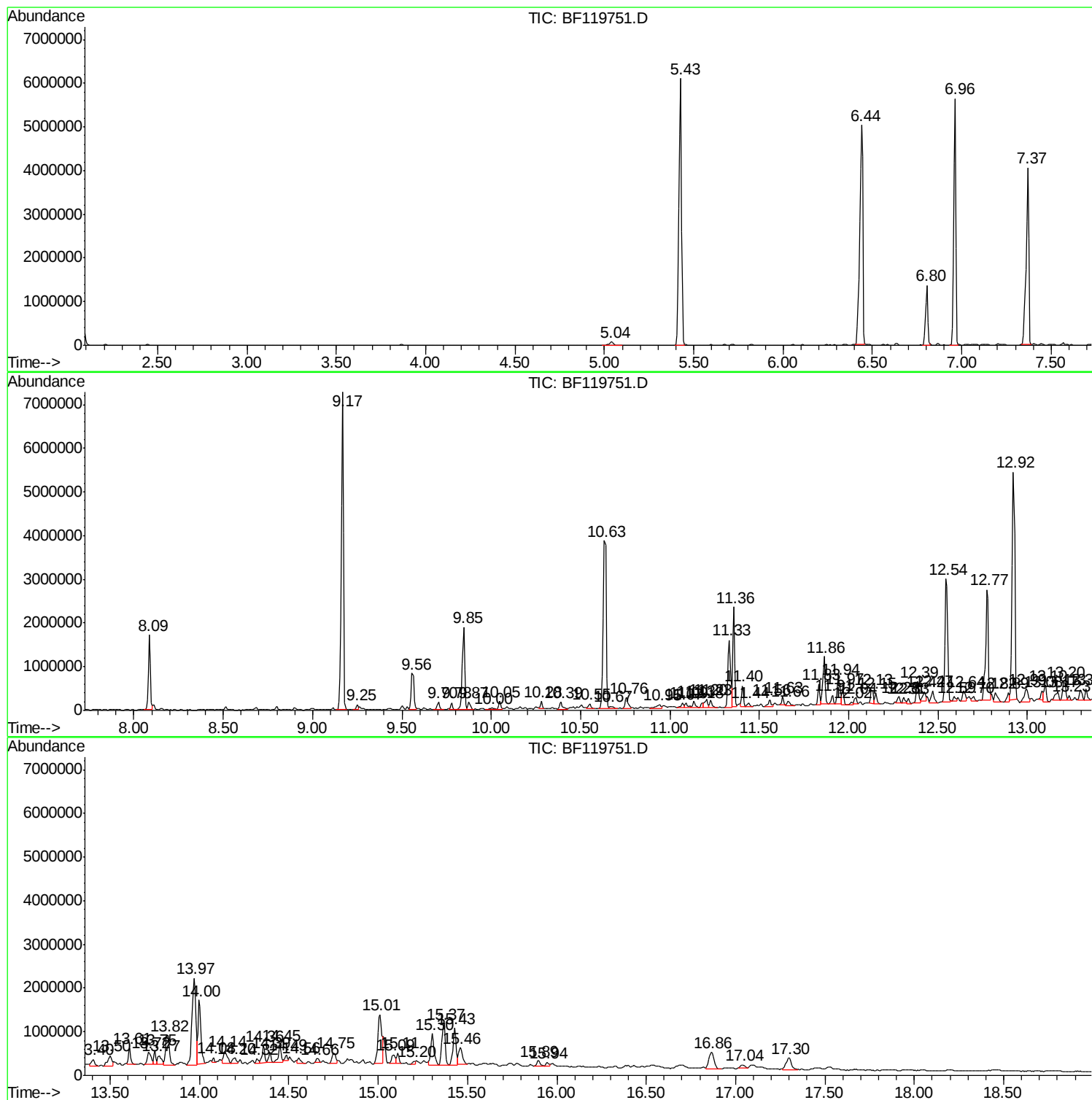
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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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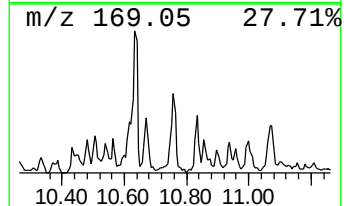
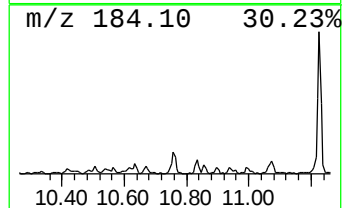
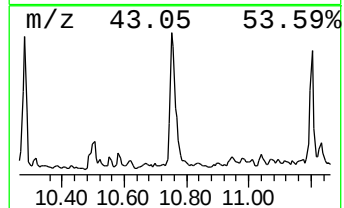
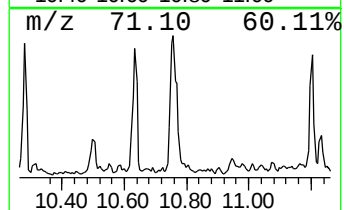
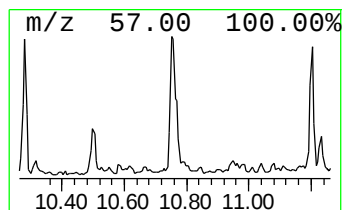
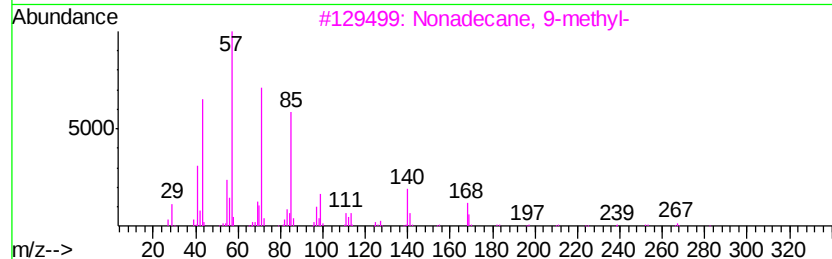
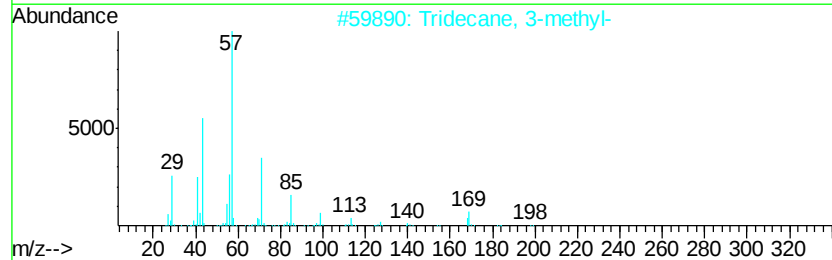
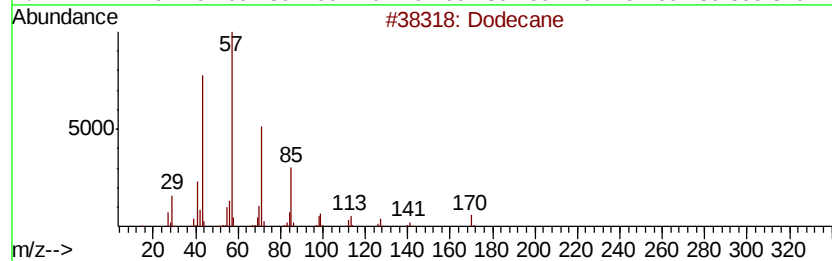
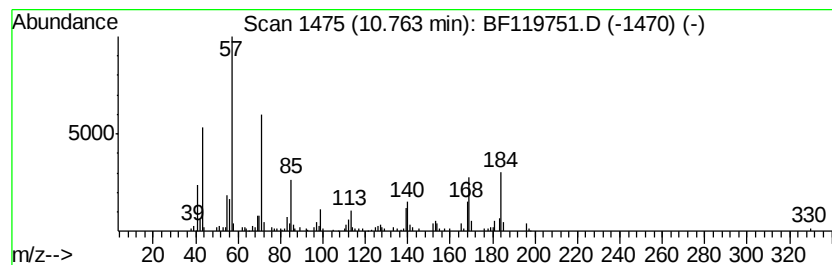
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.95 ng	296568	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	87
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	58
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	49
4		Tetradecane	198	C14H30	000629-59-4	46
5		Heptacosane	380	C27H56	000593-49-7	46



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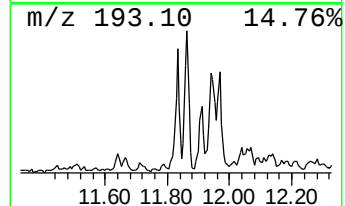
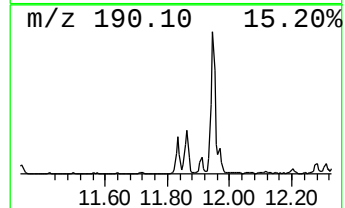
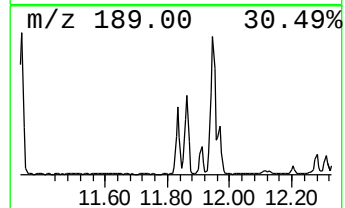
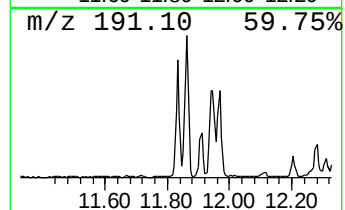
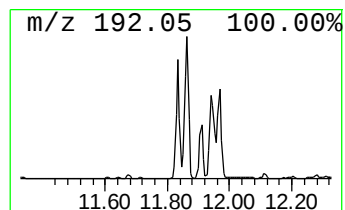
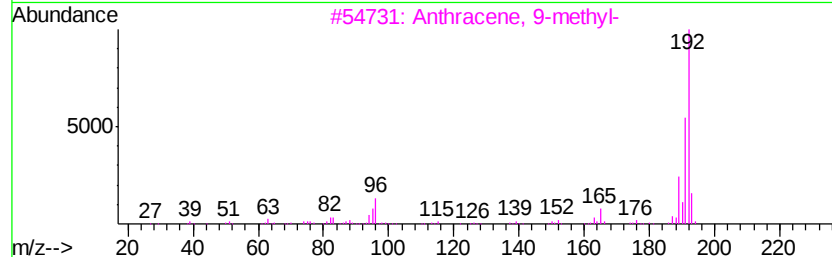
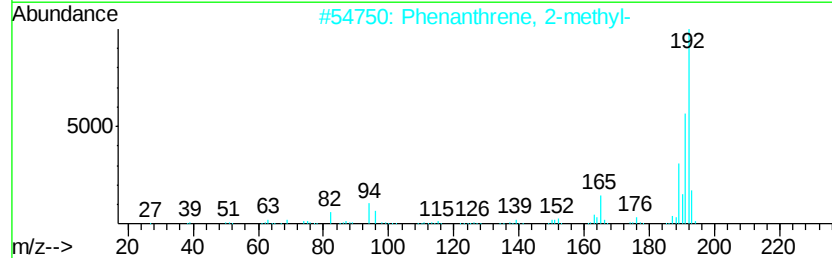
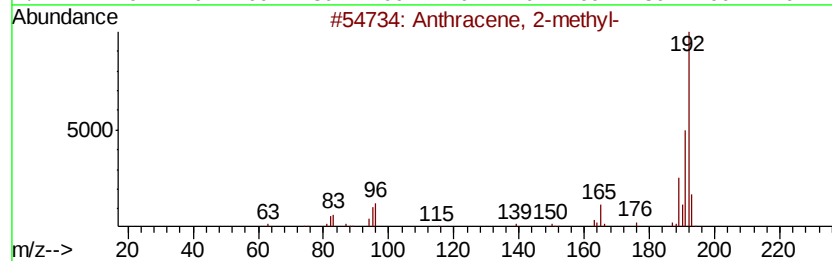
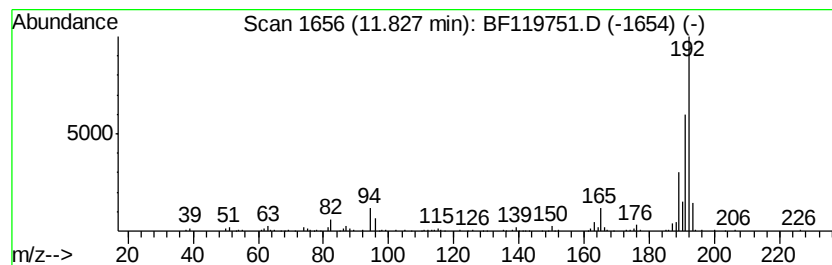
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	4.94 ng	370165	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



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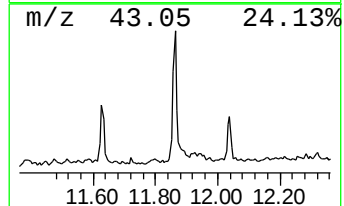
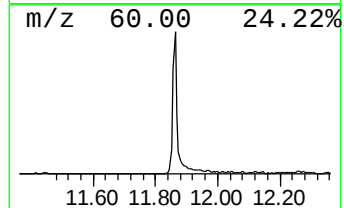
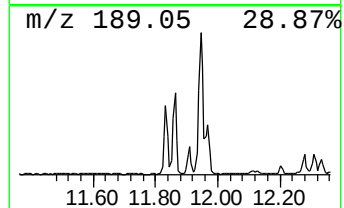
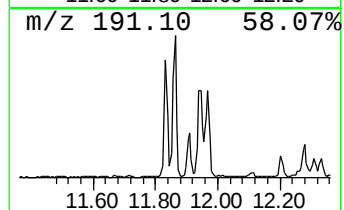
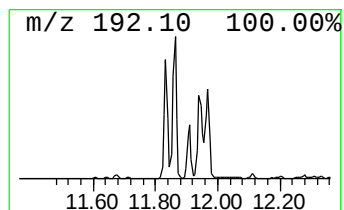
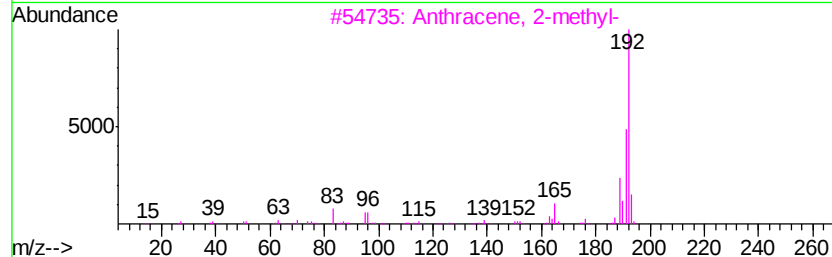
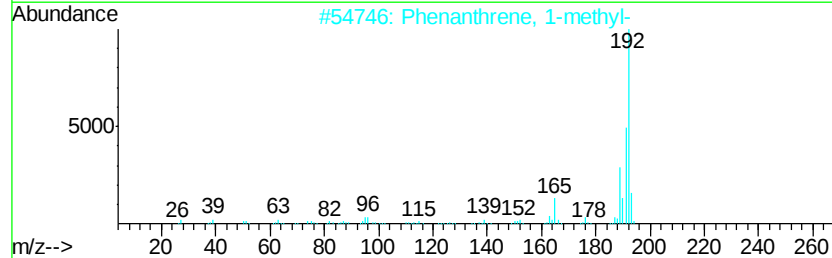
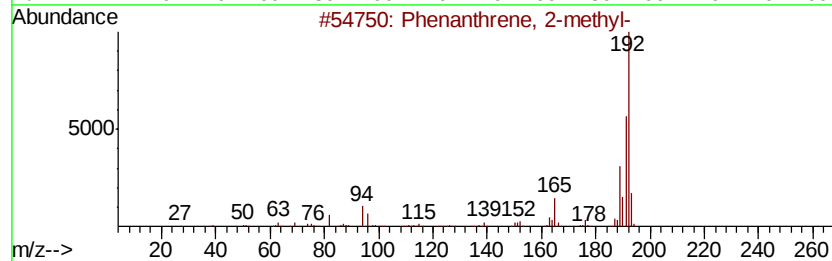
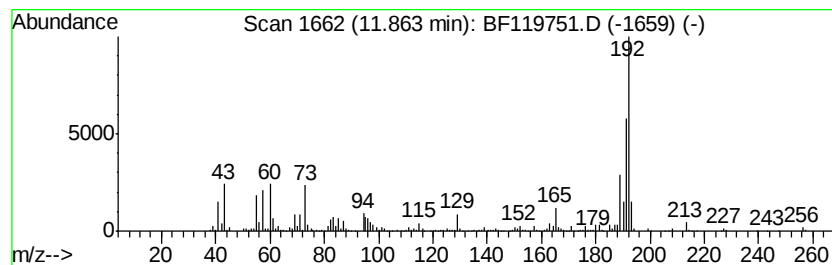
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	12.25 ng	918314	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
Operator : MA/SJ
Sample : L2129-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

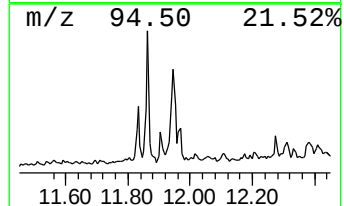
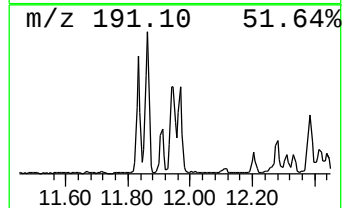
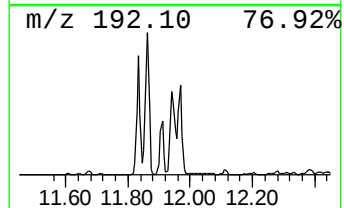
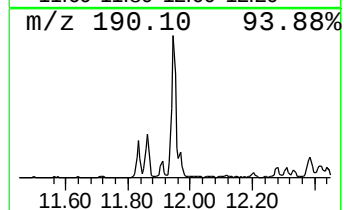
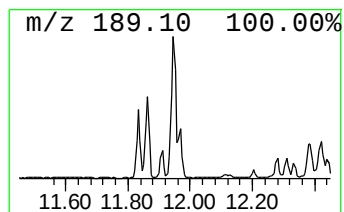
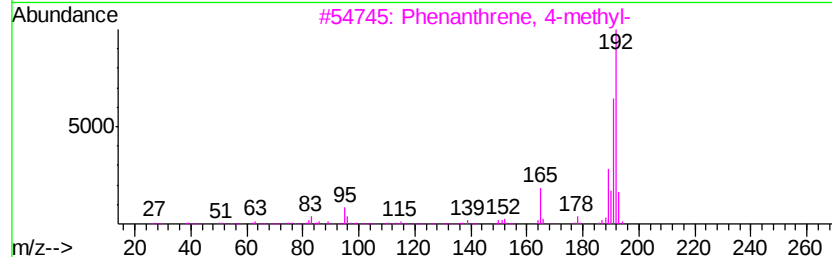
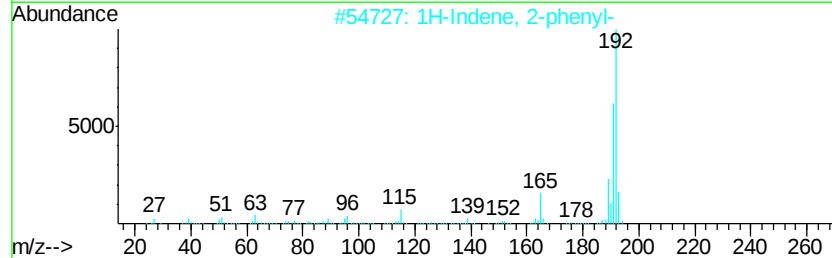
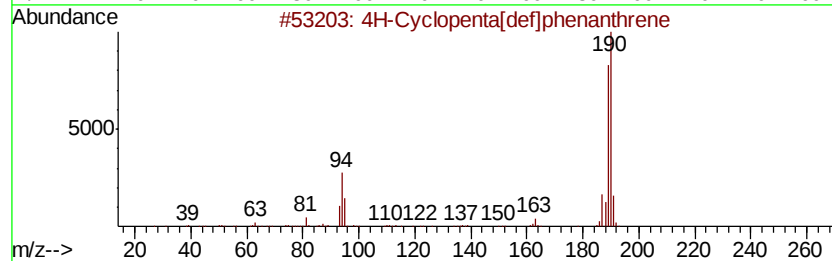
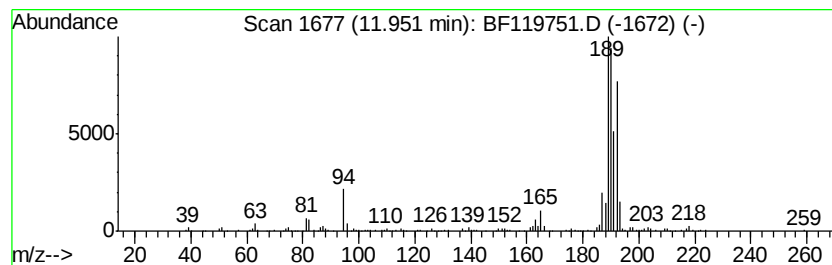
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.22 ng	616436	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4		1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	42
5		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
Operator : MA/SJ
Sample : L2129-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

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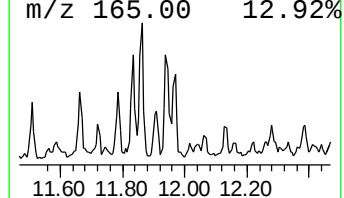
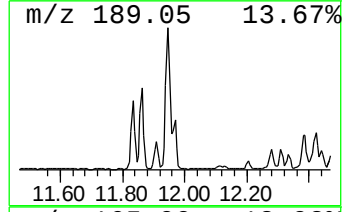
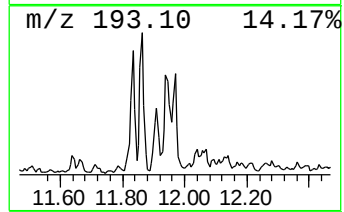
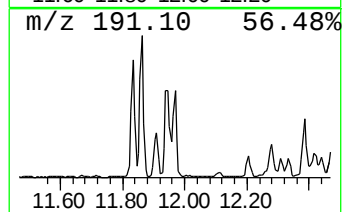
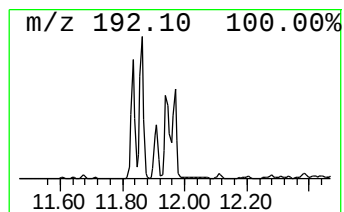
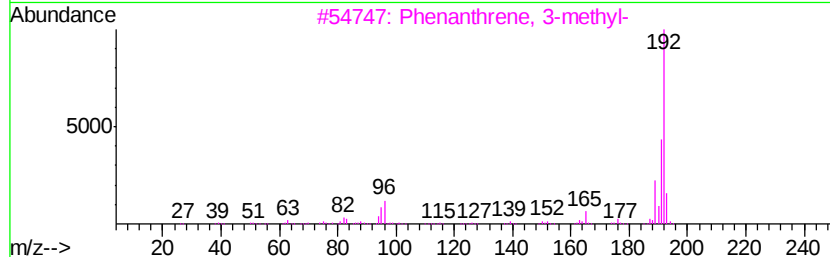
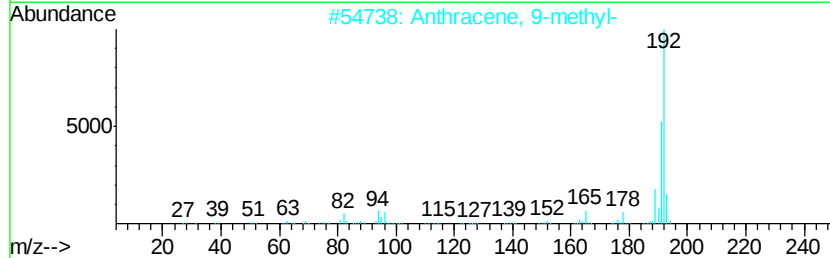
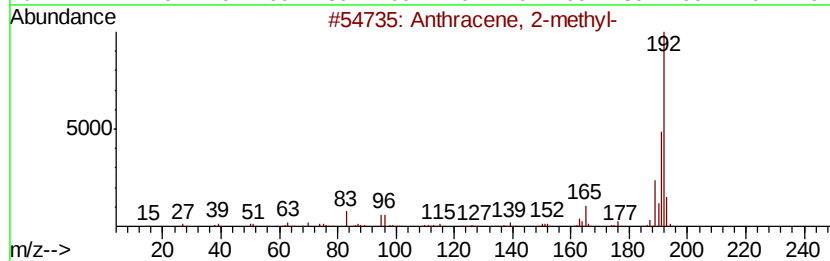
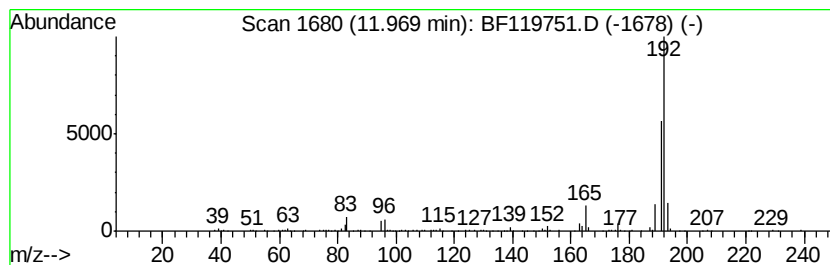
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.98 ng	298794	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
Operator : MA/SJ
Sample : L2129-06
Misc :
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Instrument :
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ClientSampleId :
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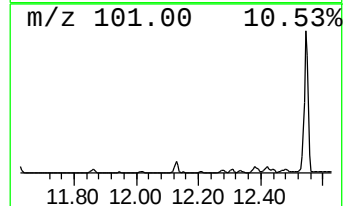
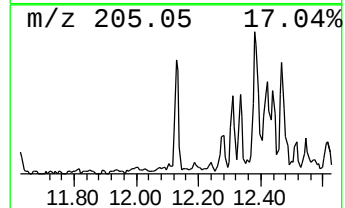
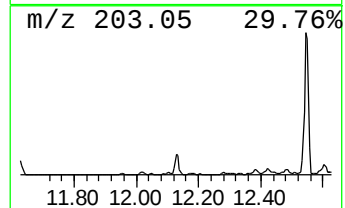
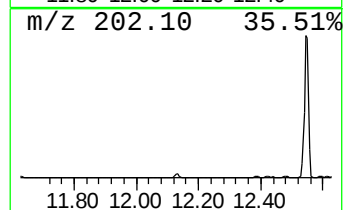
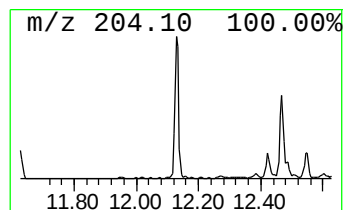
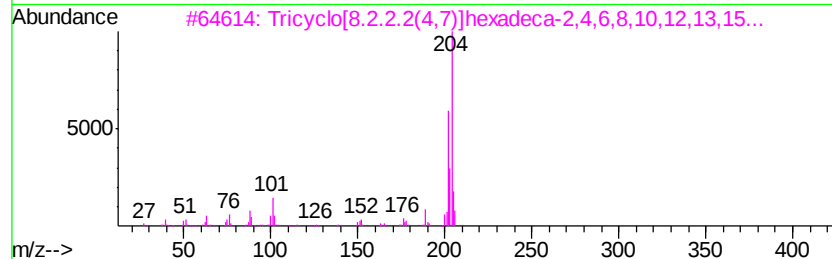
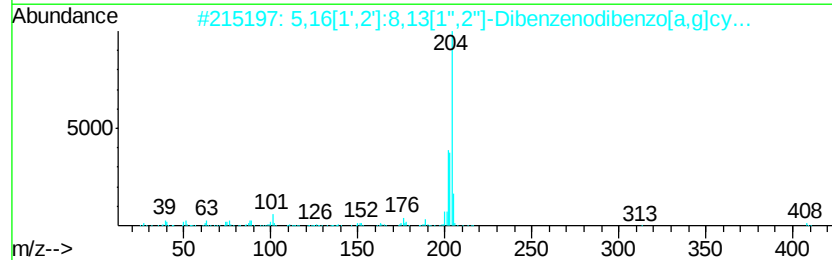
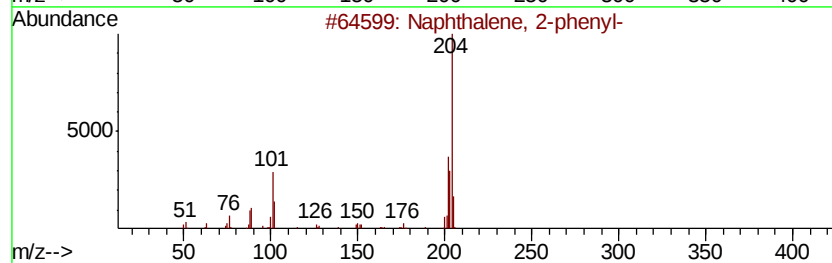
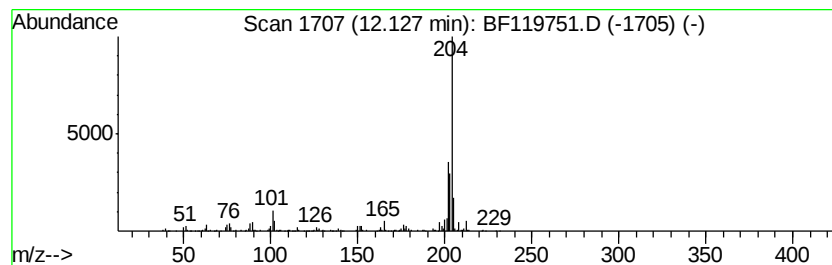
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.59 ng	269349	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
5		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
Operator : MA/SJ
Sample : L2129-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

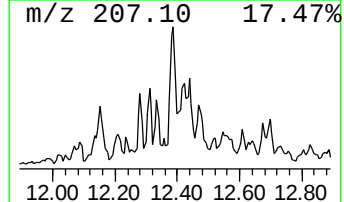
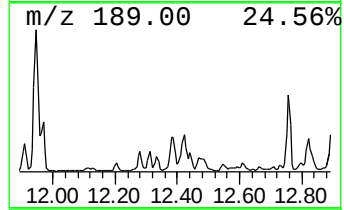
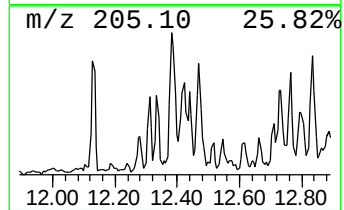
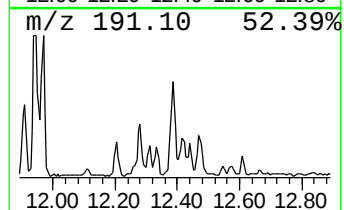
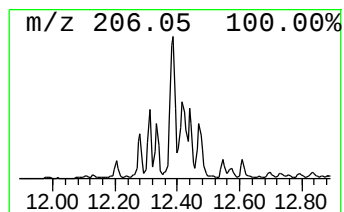
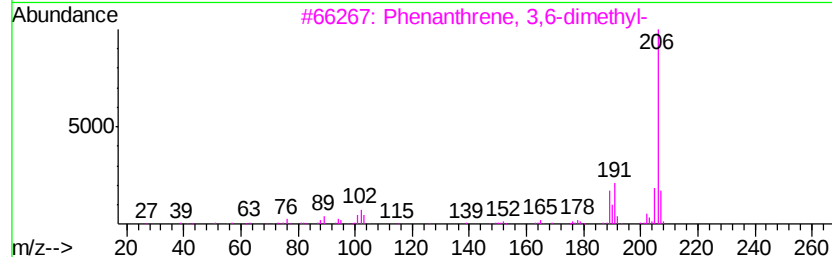
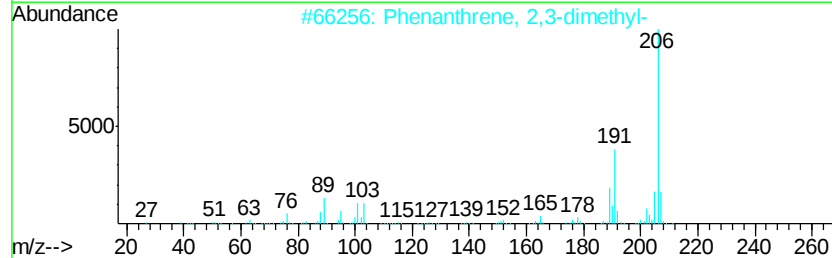
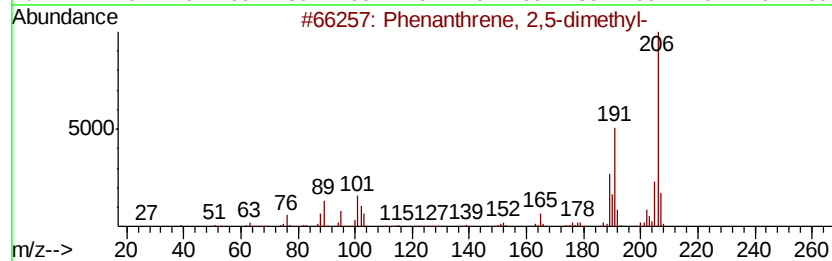
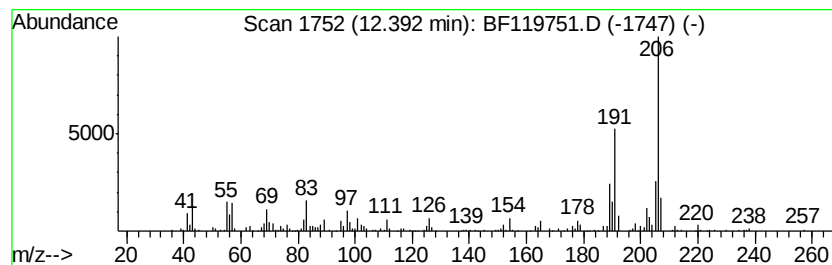
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.39	7.31 ng	548073	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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Operator : MA/SJ
Sample : L2129-06
Misc :
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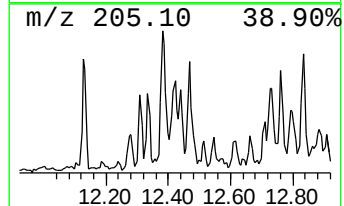
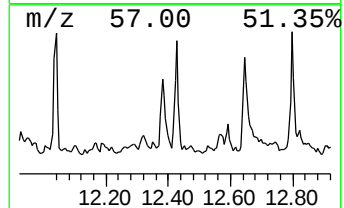
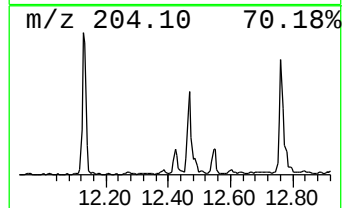
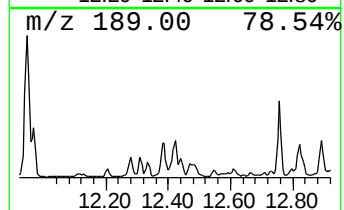
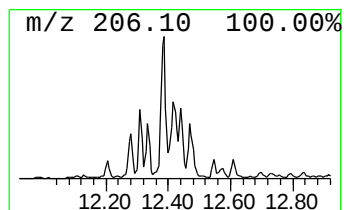
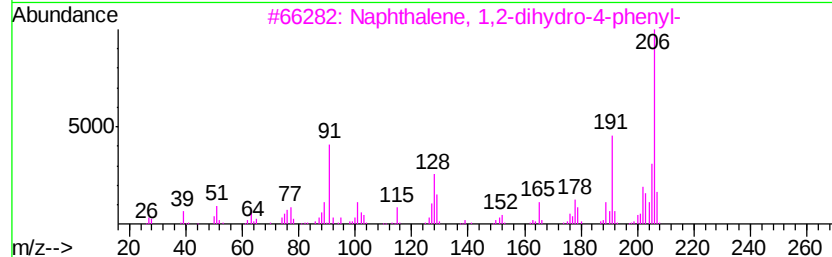
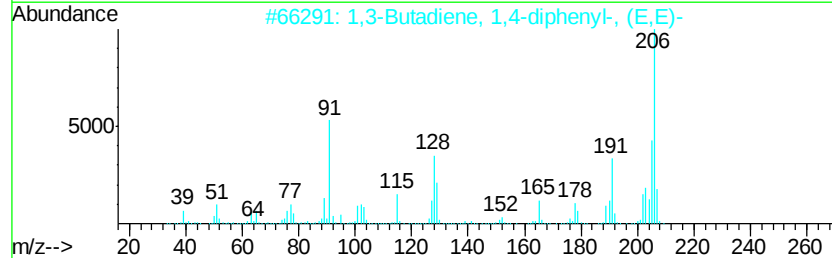
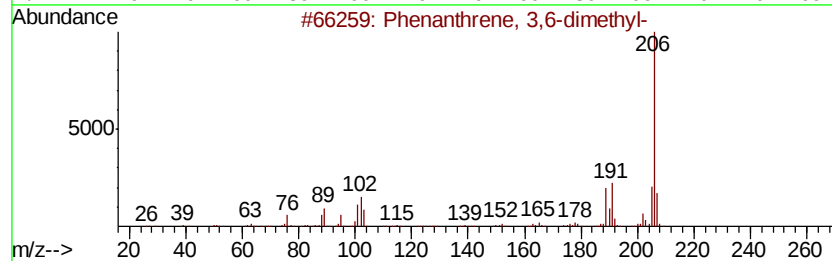
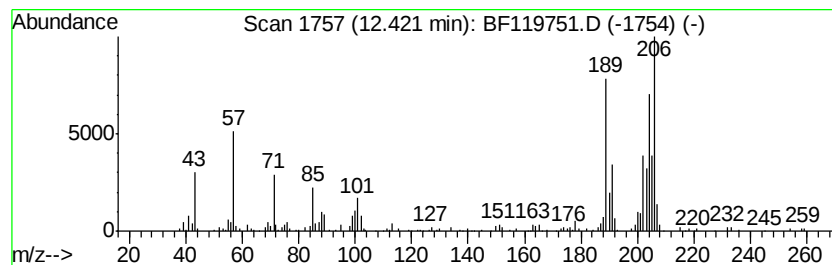
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.42 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.42	3.21 ng	240456	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	30
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	27
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
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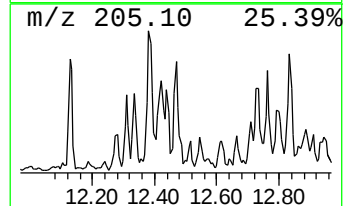
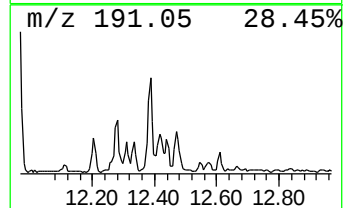
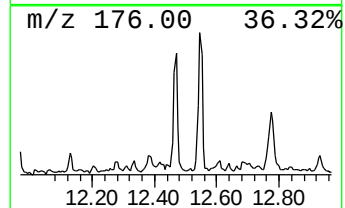
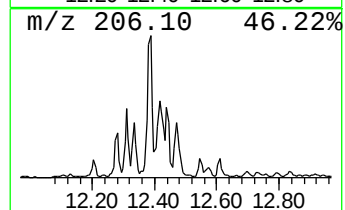
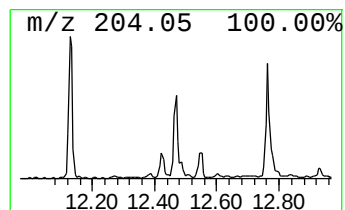
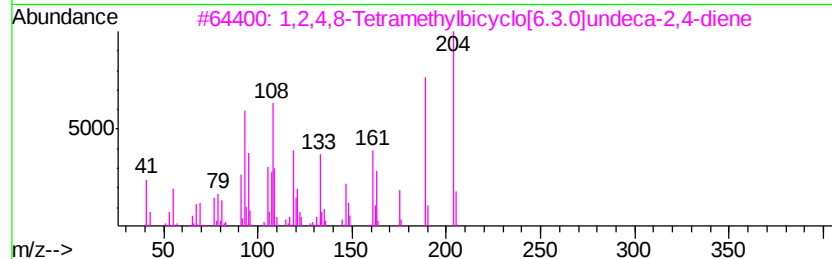
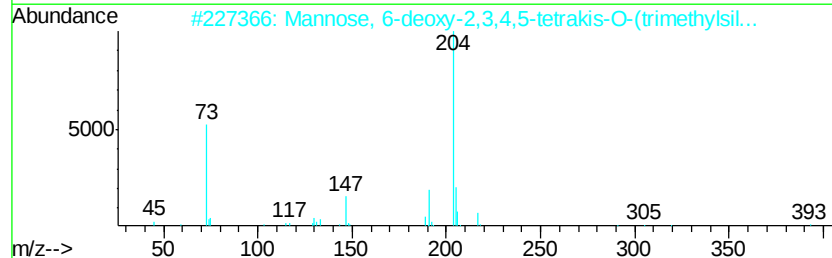
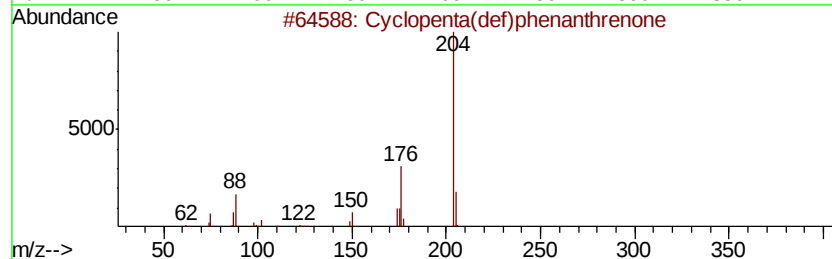
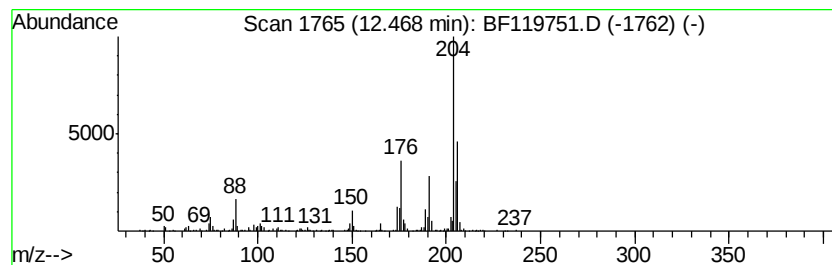
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.06 ng	304323	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2		Mannose, 6-deoxy-2,3,4,5-tetrakis-O-(trimethylsilil...	452	C18H44O5Si4	019127-15-2	47
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	46
4		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
Operator : MA/SJ
Sample : L2129-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

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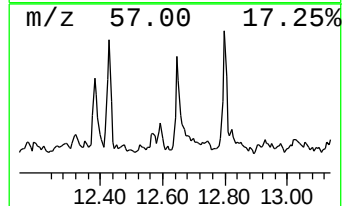
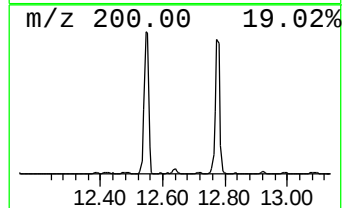
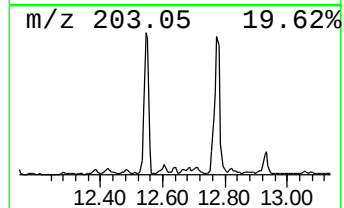
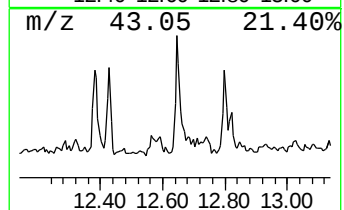
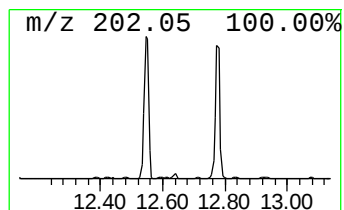
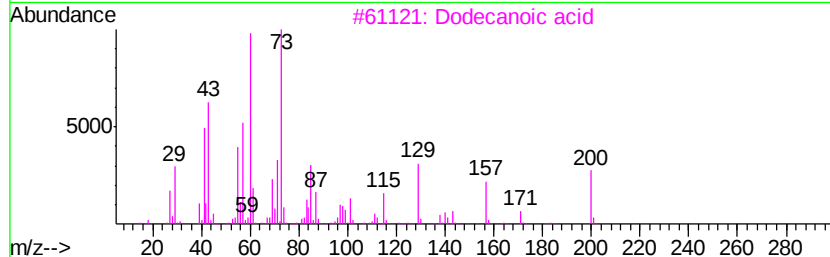
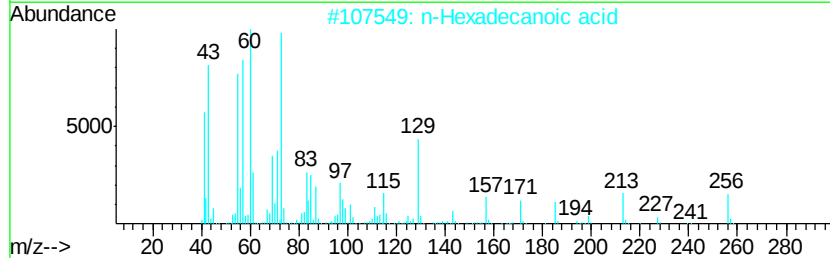
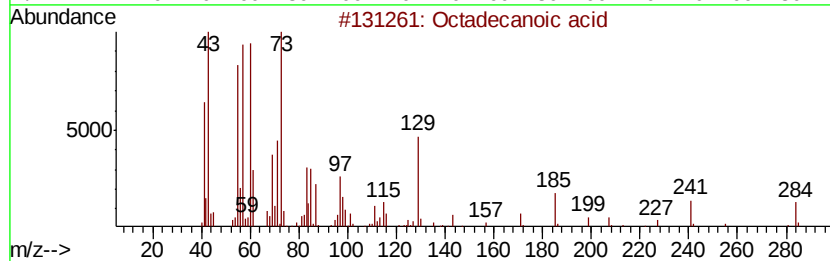
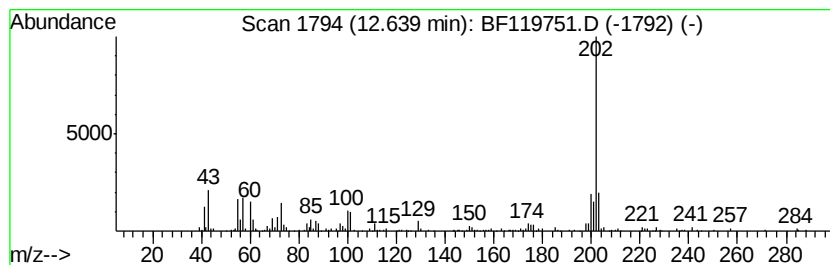
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.07 ng	229883	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
3		Dodecanoic acid	200	C12H24O2	000143-07-7	50
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5		Tridecanoic acid	214	C13H26O2	000638-53-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
Operator : MA/SJ
Sample : L2129-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

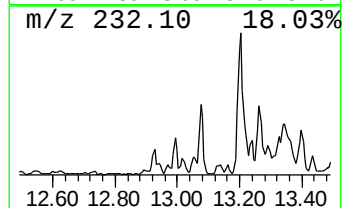
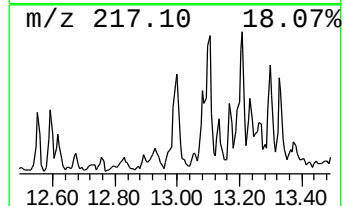
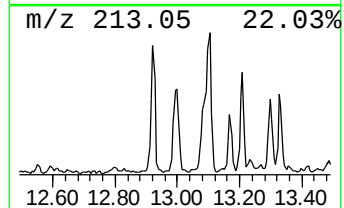
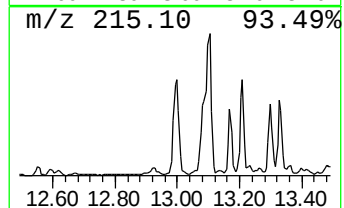
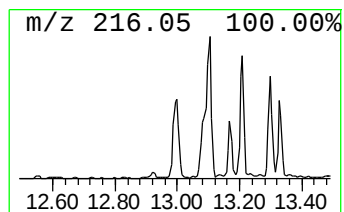
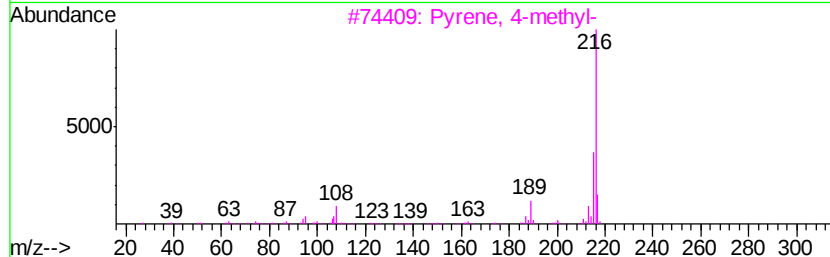
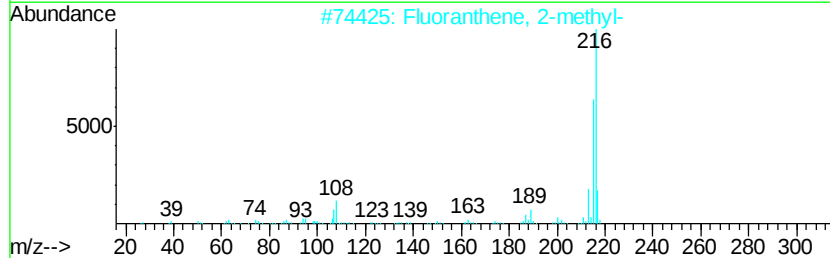
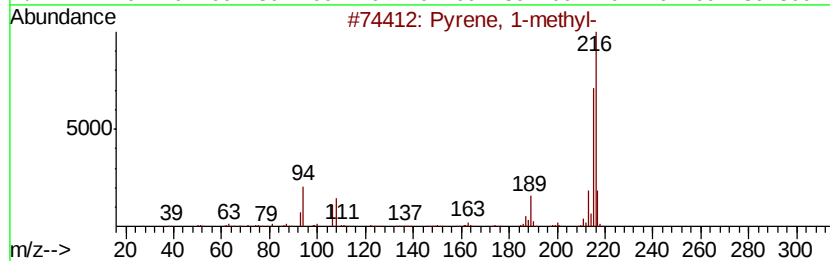
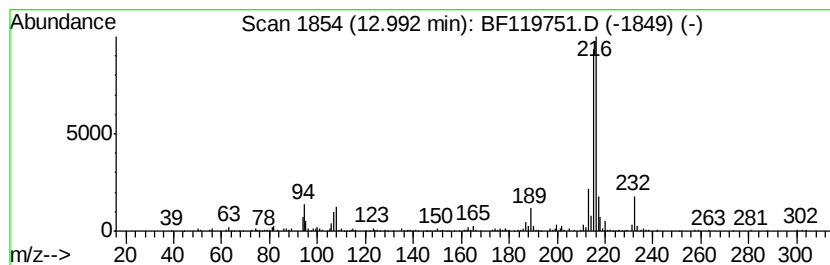
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.36 ng	487090	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
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Sample : L2129-06
Misc :
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ClientSampleId :
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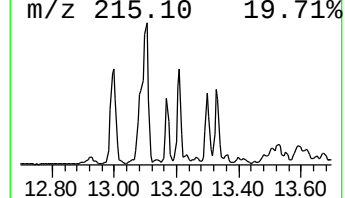
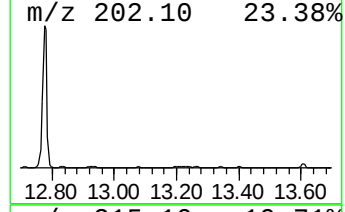
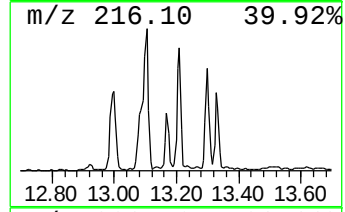
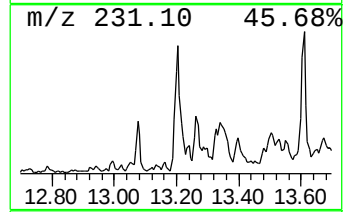
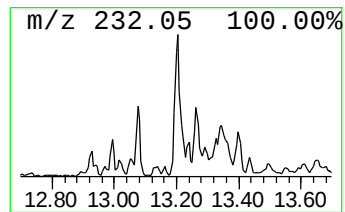
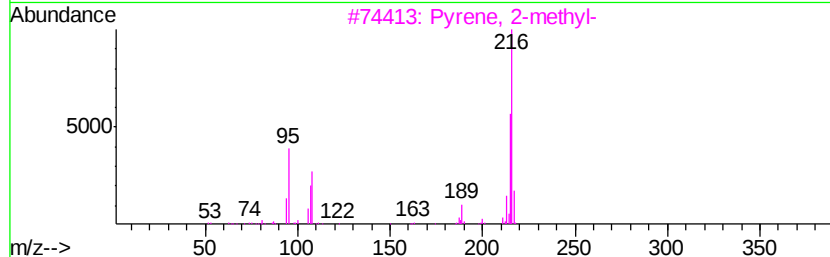
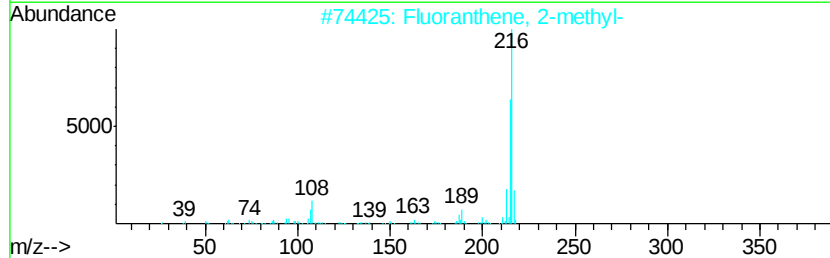
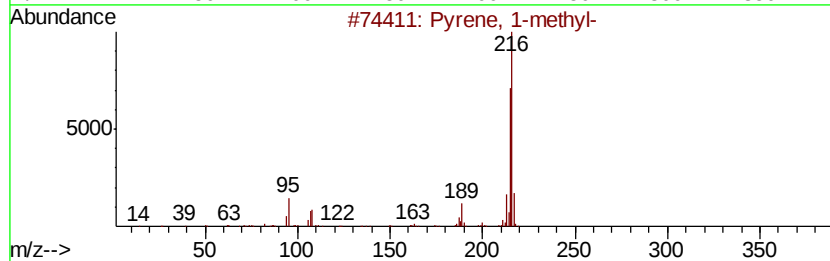
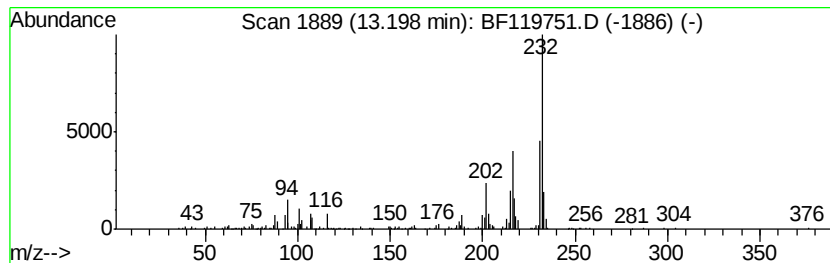
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.07 ng	445210	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4		11H-Benzo[alfluorene	216	C17H12	000238-84-6	60
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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Acq On : 4 Apr 2020 8:02
Operator : MA/SJ
Sample : L2129-06
Misc :
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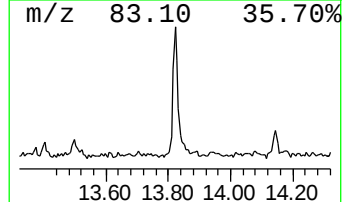
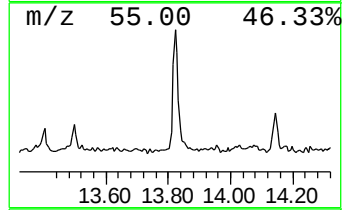
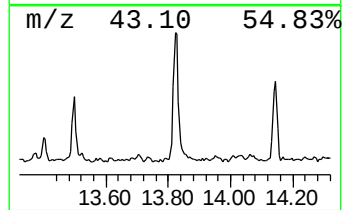
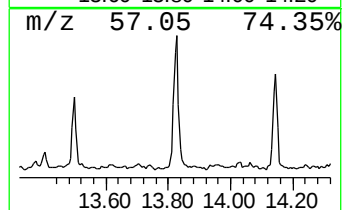
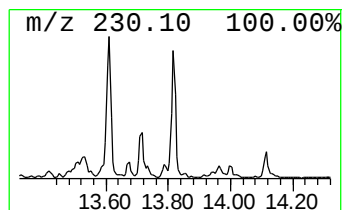
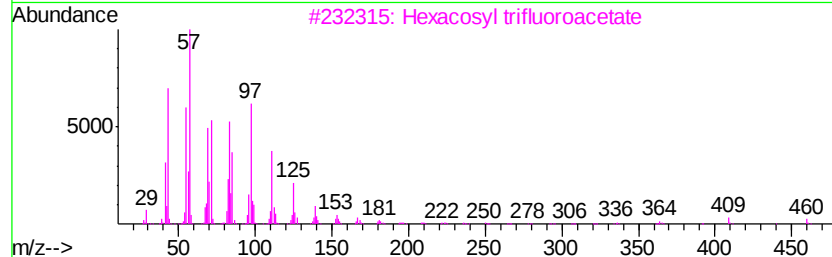
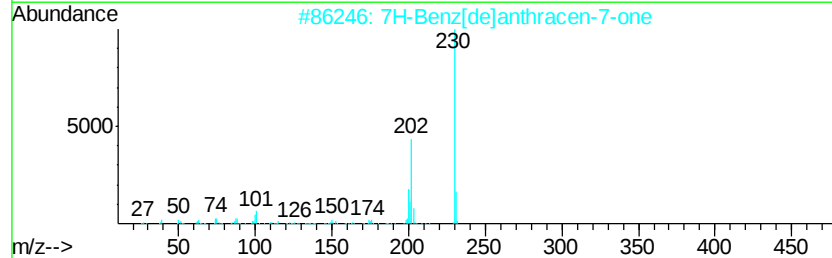
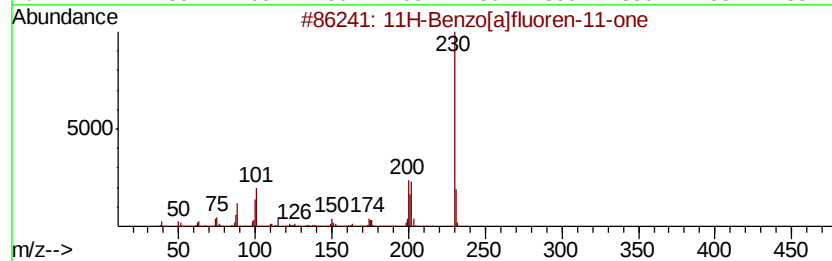
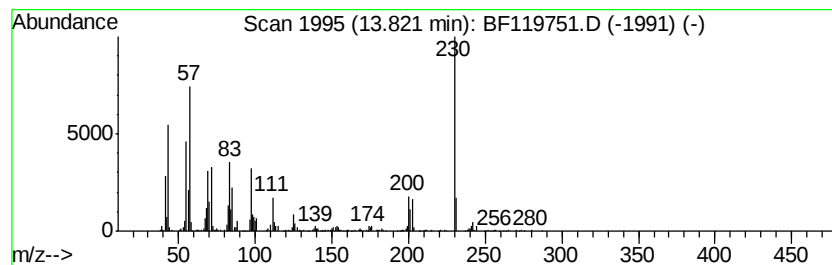
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.82	6.21 ng	899798	Chrysene-d12	13.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
3		Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	42
4		Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	42
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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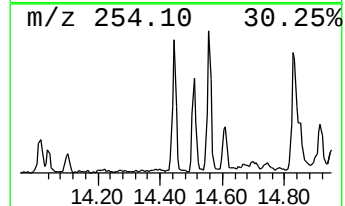
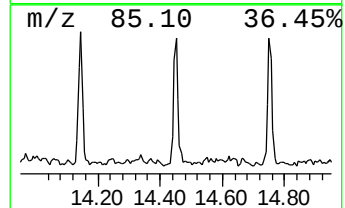
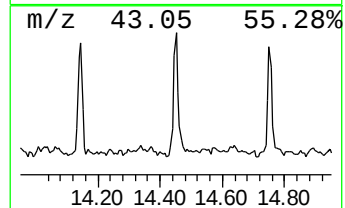
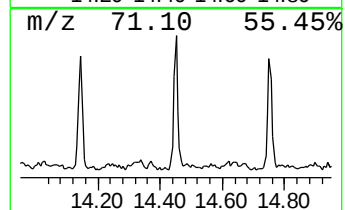
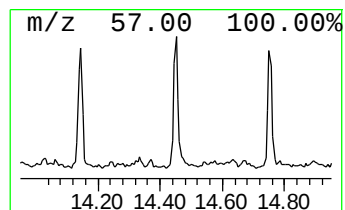
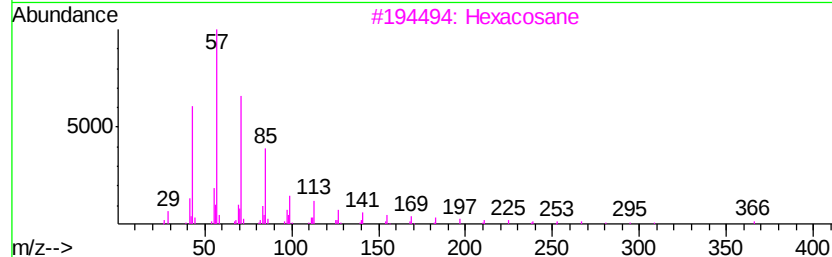
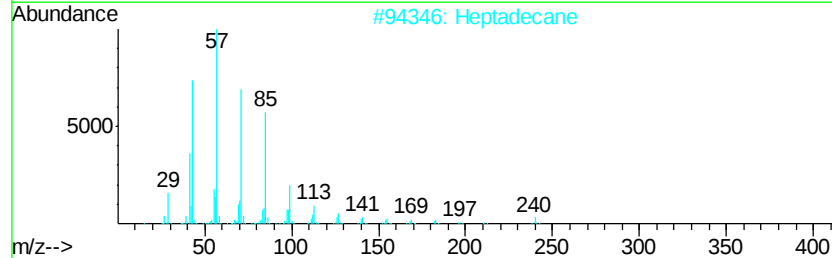
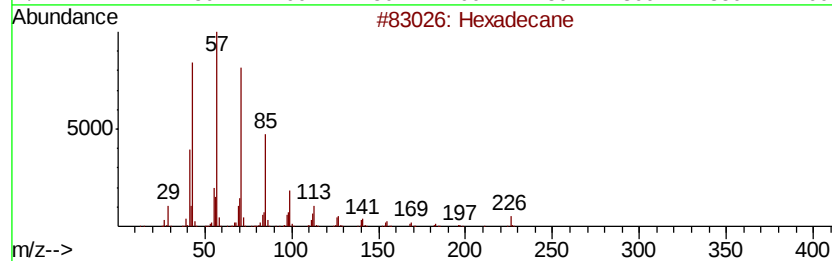
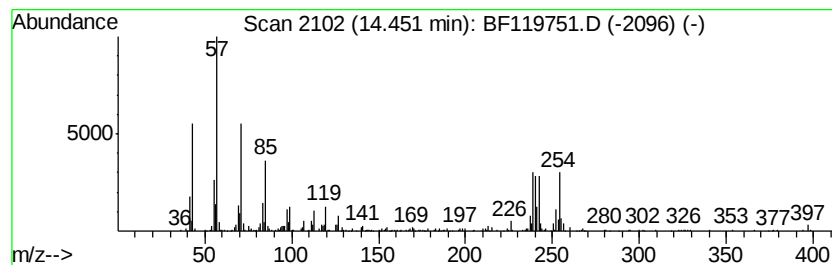
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	3.23 ng	468114	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Heptadecane	240	C17H36	000629-78-7	66
3		Hexacosane	366	C26H54	000630-01-3	50
4		Octacosane	394	C28H58	000630-02-4	48
5		Octadecane	254	C18H38	000593-45-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
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Operator : MA/SJ
Sample : L2129-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-8

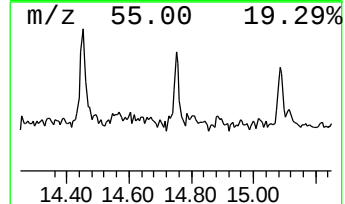
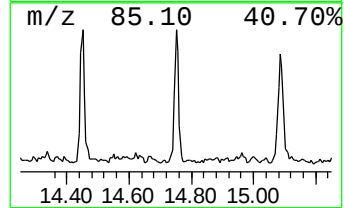
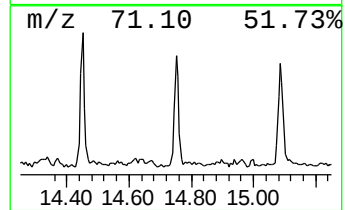
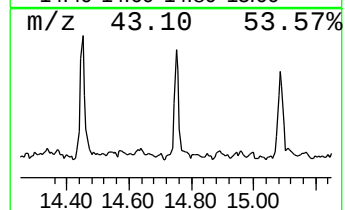
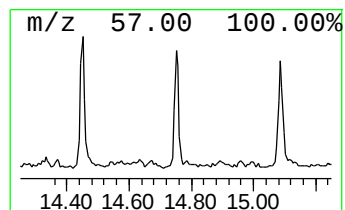
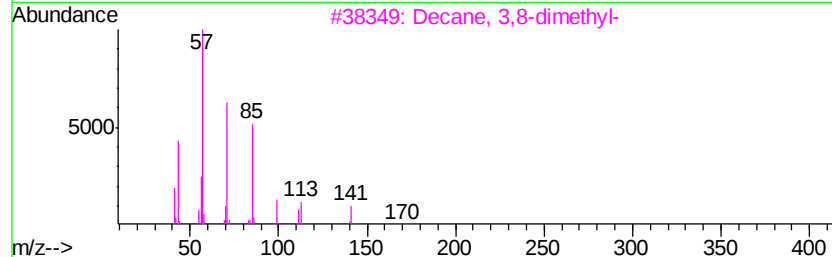
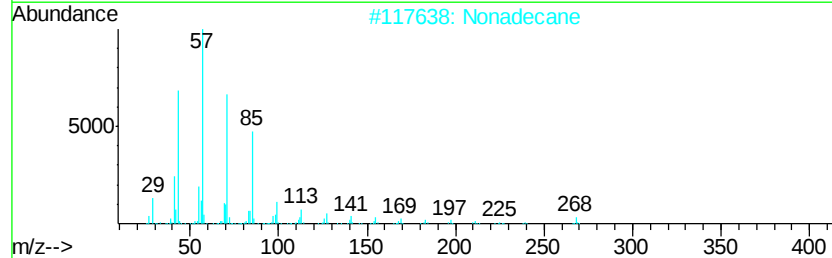
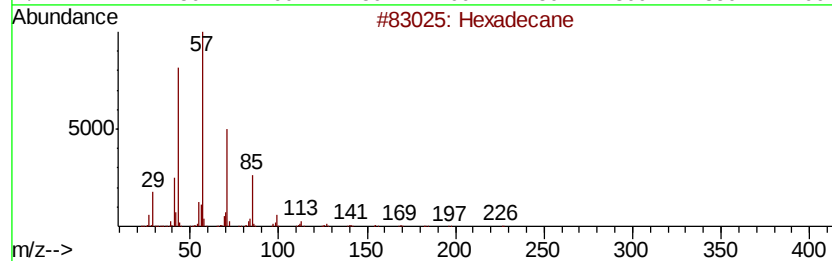
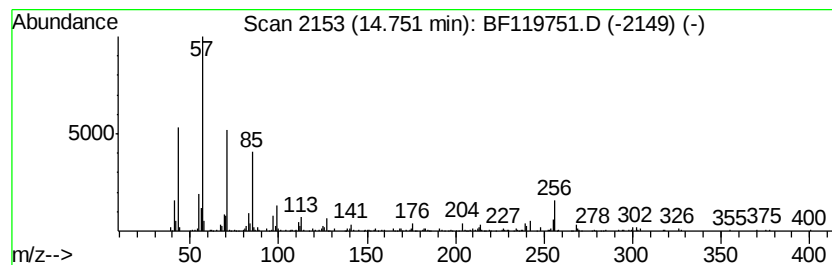
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	5.56 ng	294990	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Nonadecane	268	C19H40	000629-92-5	74
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4			Heneicosane	296	C21H44	000629-94-7	68
5			Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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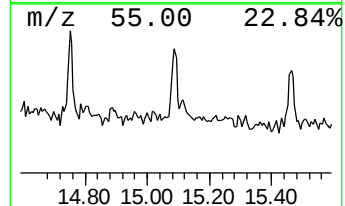
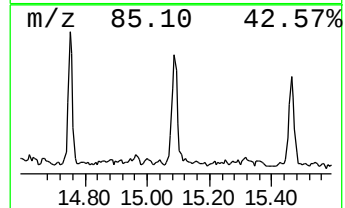
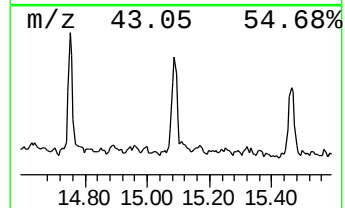
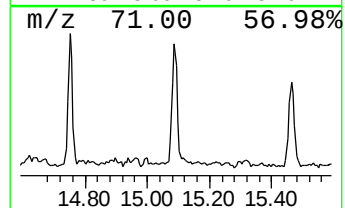
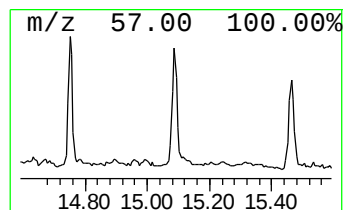
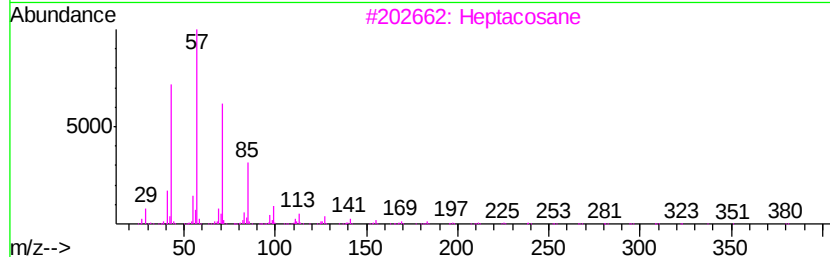
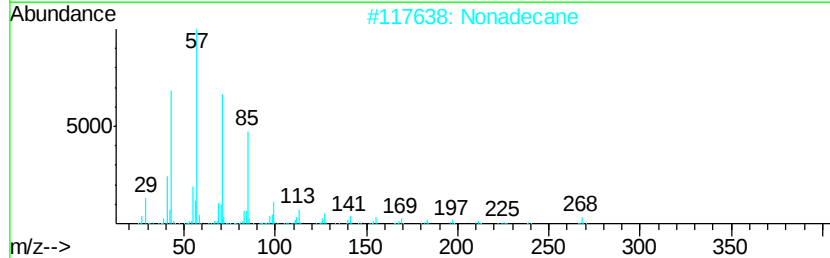
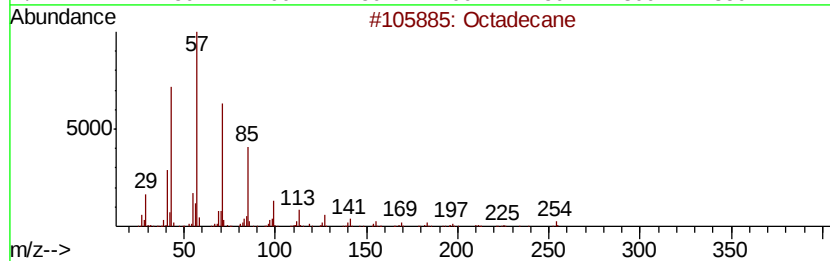
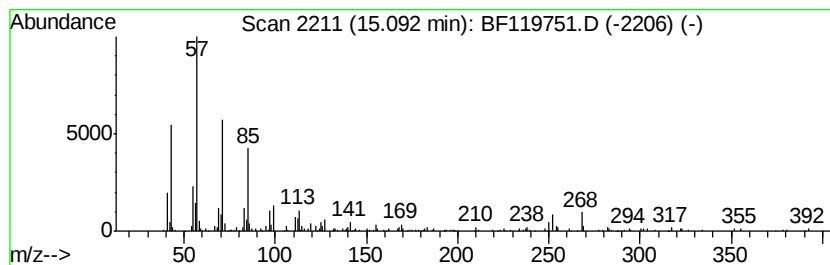
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.52 ng	239695	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptacosane	380	C27H56	000593-49-7	70
4			Hexadecane	226	C16H34	000544-76-3	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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Misc :
ALS Vial : 40 Sample Multiplier: 1

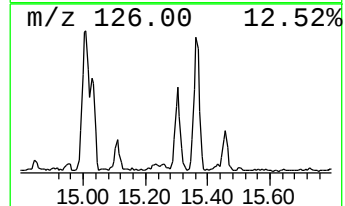
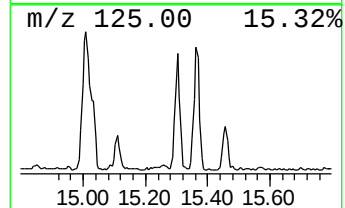
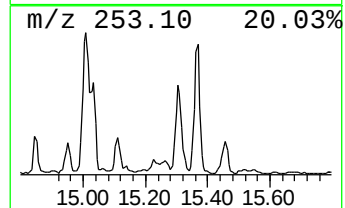
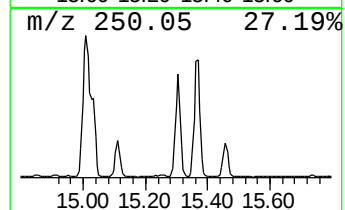
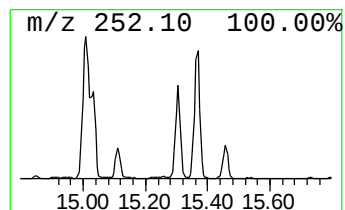
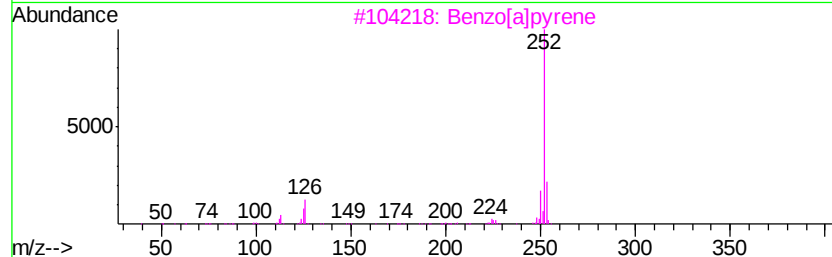
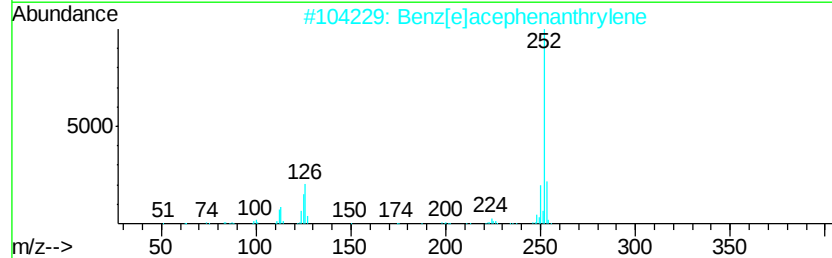
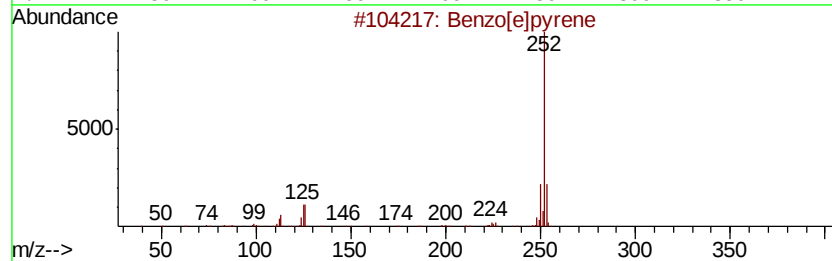
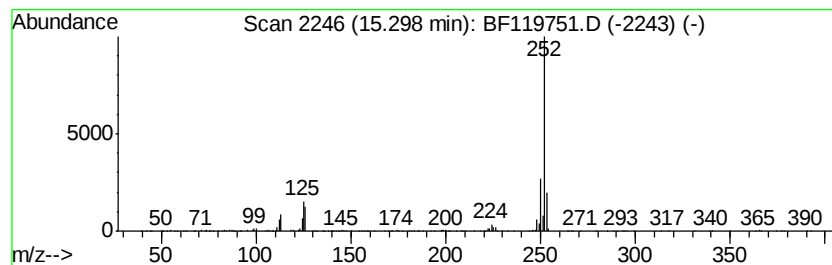
Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	17.43 ng	925495	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]bpvrene	252 C20H12	000192-97-2 98
2		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 94
3		Benzo[a]bpvrene	252 C20H12	000050-32-8 90
4		Perylene	252 C20H12	000198-55-0 90
5		Benzo[k]fluoranthene	252 C20H12	000207-08-9 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119751.D
Acq On : 4 Apr 2020 8:02
Operator : MA/SJ
Sample : L2129-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

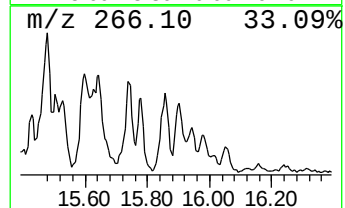
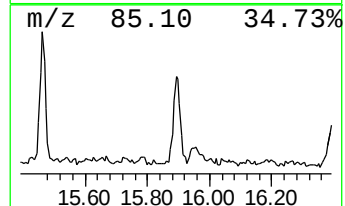
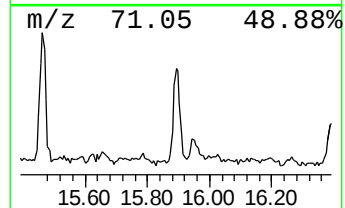
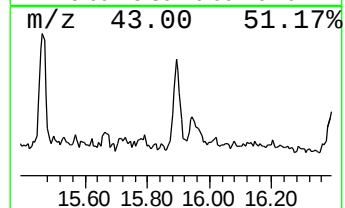
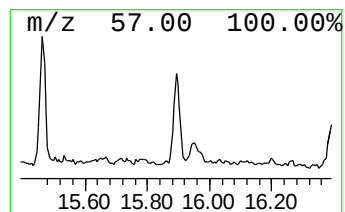
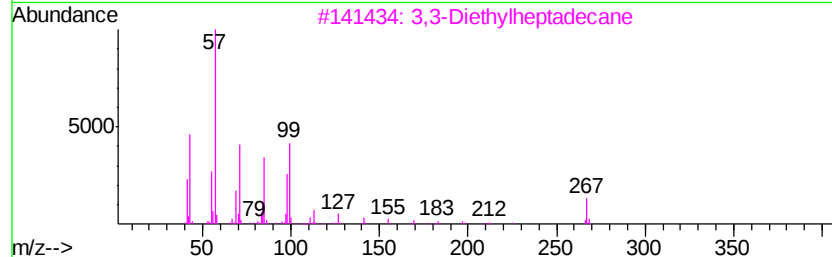
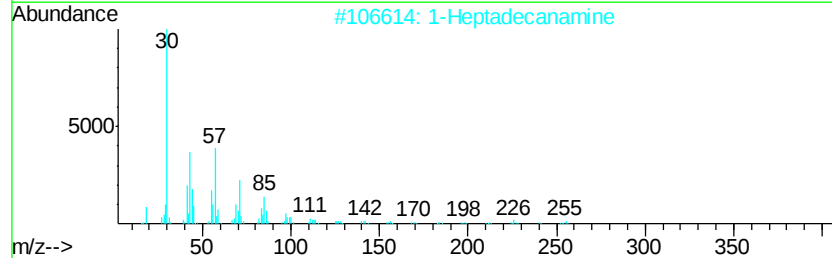
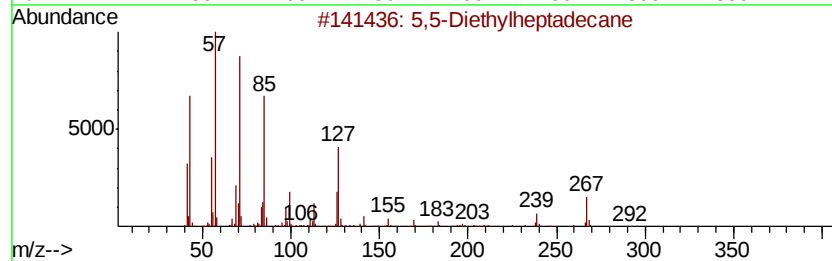
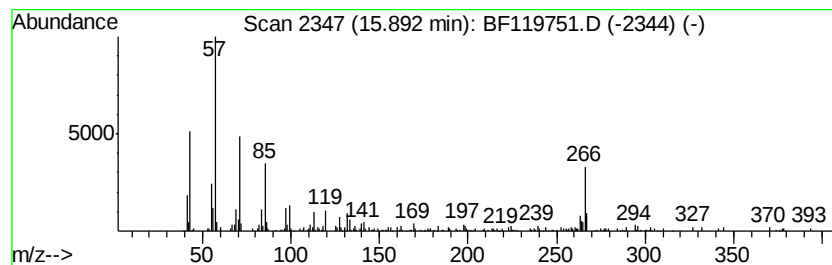
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown15.89 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	3.68 ng	195191	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,5-Diethylheptadecane	296	C21H44	1000360-41-7	37
2			1-Heptadecanamine	255	C17H37N	004200-95-7	17
3			3,3-Diethylheptadecane	296	C21H44	1000360-41-6	16
4			5-Methyldocosane	324	C23H48	025163-52-4	12
5			Cyclopentane, 1-(2-decyldodecyl)...	406	C29H58	055429-26-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119751.D
 Acq On : 4 Apr 2020 8:02
 Operator : MA/SJ
 Sample : L2129-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Dodecane	10.76	4.0	ng	296568	4	11.33	1499750	20.0
Anthracene, 2-met...	11.83	4.9	ng	370165	4	11.33	1499750	20.0
Phenanthrene, 2-m...	11.86	12.3	ng	918314	4	11.33	1499750	20.0
4H-Cyclopenta[def...	11.95	8.2	ng	616436	4	11.33	1499750	20.0
Anthracene, 9-met...	11.97	4.0	ng	298794	4	11.33	1499750	20.0
Naphthalene, 2-ph...	12.13	3.6	ng	269349	4	11.33	1499750	20.0
Phenanthrene, 2,5...	12.39	7.3	ng	548073	4	11.33	1499750	20.0
unknown12.42	12.42	3.2	ng	240456	4	11.33	1499750	20.0
Cyclopenta(def)ph...	12.47	4.1	ng	304323	4	11.33	1499750	20.0
Octadecanoic acid	12.64	3.1	ng	229883	4	11.33	1499750	20.0
Pyrene, 1-methyl-	12.99	3.4	ng	487090	5	13.97	2897310	20.0
Fluoranthene, 2-m...	13.20	3.1	ng	445210	5	13.97	2897310	20.0
11H-Benzo[a]fluor...	13.82	6.2	ng	899798	5	13.97	2897310	20.0
Hexadecane	14.45	3.2	ng	468114	5	13.97	2897310	20.0
Nonadecane	14.75	5.6	ng	294990	6	15.43	1061760	20.0
Octadecane	15.09	4.5	ng	239695	6	15.43	1061760	20.0
Benzo[e]pyrene	15.30	17.4	ng	925495	6	15.43	1061760	20.0
unknown15.89	15.89	3.7	ng	195191	6	15.43	1061760	20.0