

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
 Data File : BF115775.D
 Acq On : 25 Jul 2019 23:06
 Operator : HP/JU
 Sample : K3983-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

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-BF071219.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	2.140	3	9	24	rVB	470632	613472	21.87%	1.329%
2	5.493	574	579	600	rBV	2322122	2274577	81.08%	4.929%
3	6.498	745	750	764	rBV	2509283	2423750	86.39%	5.252%
4	6.640	770	774	777	rBV	2812655	2486448	88.63%	5.388%
5	6.869	809	813	817	rBV	960548	765623	27.29%	1.659%
6	7.028	836	840	843	rBV	2277379	1946586	69.38%	4.218%
7	7.428	903	908	920	rBV	1701819	1561134	55.65%	3.383%
8	8.151	1027	1031	1055	rBV	999705	1031572	36.77%	2.235%
9	9.222	1209	1213	1226	rBV	2787369	2805489	100.00%	6.079%
10	9.616	1277	1280	1288	rVB	475791	424440	15.13%	0.920%
11	9.763	1302	1305	1309	rBV	71654	64321	2.29%	0.139%
12	9.904	1325	1329	1332	rBV	1386639	1129941	40.28%	2.449%
13	9.933	1332	1334	1339	rVB	108424	102398	3.65%	0.222%
14	10.110	1360	1364	1368	rBV	77746	79252	2.82%	0.172%
15	10.451	1419	1422	1428	rVB2	108889	105052	3.74%	0.228%
16	10.610	1446	1449	1452	rVB	42067	38416	1.37%	0.083%
17	10.692	1459	1463	1475	rBV	1970336	1951078	69.55%	4.228%
18	10.816	1479	1484	1488	rVB4	24347	35612	1.27%	0.077%
19	10.998	1509	1515	1518	rBV3	37749	52190	1.86%	0.113%
20	11.128	1532	1537	1539	rBV3	34021	40924	1.46%	0.089%
21	11.192	1545	1548	1552	rVB	81327	73191	2.61%	0.159%
22	11.239	1552	1556	1561	rVV4	32549	60841	2.17%	0.132%
23	11.286	1561	1564	1569	rVB	80498	77597	2.77%	0.168%
24	11.386	1577	1581	1583	rBV	1222738	1147064	40.89%	2.486%
25	11.410	1583	1585	1589	rVV	1358514	1259760	44.90%	2.730%
26	11.463	1589	1594	1598	rVV	326639	314840	11.22%	0.682%
27	11.498	1598	1600	1604	rVB3	37806	36689	1.31%	0.080%
28	11.616	1615	1620	1623	rBV2	135931	153561	5.47%	0.333%
29	11.680	1628	1631	1635	rVV2	56706	65804	2.35%	0.143%
30	11.722	1635	1638	1643	rVV5	48246	58027	2.07%	0.126%
31	11.786	1643	1649	1655	rVB4	34735	66069	2.35%	0.143%
32	11.892	1661	1667	1668	rBV	183674	179876	6.41%	0.390%
33	11.916	1668	1671	1677	rVV	770679	772456	27.53%	1.674%
34	11.963	1677	1679	1682	rVV	106454	119329	4.25%	0.259%

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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-BF071219.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.004	1682	1686	1688	rVV	296719	332955	11.87%	0.722%
36	12.022	1688	1689	1694	rVB	139537	114050	4.07%	0.247%
37	12.069	1694	1697	1699	rBV4	28827	32869	1.17%	0.071%
38	12.092	1699	1701	1704	rVB3	32758	31578	1.13%	0.068%
39	12.186	1713	1717	1719	rBV	133047	135862	4.84%	0.294%
40	12.210	1719	1721	1727	rVB	118689	106709	3.80%	0.231%
41	12.333	1737	1742	1745	rBV2	66061	76122	2.71%	0.165%
42	12.363	1745	1747	1749	rVV	49339	38056	1.36%	0.082%
43	12.386	1749	1751	1754	rVB	42074	39635	1.41%	0.086%
44	12.439	1756	1760	1763	rBV	119639	144588	5.15%	0.313%
45	12.475	1763	1766	1768	rVV2	68656	75044	2.67%	0.163%
46	12.527	1772	1775	1780	rVB	133057	145933	5.20%	0.316%
47	12.604	1784	1788	1791	rBV	2267222	2010369	71.66%	4.356%
48	12.663	1796	1798	1801	rVB2	52028	46817	1.67%	0.101%
49	12.698	1801	1804	1807	rBV	290338	280427	10.00%	0.608%
50	12.751	1811	1813	1817	rVV	72355	76712	2.73%	0.166%
51	12.833	1820	1827	1832	rBV	1830411	2001075	71.33%	4.336%
52	12.880	1832	1835	1842	rVB2	84432	109237	3.89%	0.237%
53	12.969	1843	1850	1858	rBV	2780225	2766727	98.62%	5.995%
54	13.051	1858	1864	1867	rBV3	129962	227053	8.09%	0.492%
55	13.133	1875	1878	1880	rBV3	107792	132946	4.74%	0.288%
56	13.157	1880	1882	1885	rVB	217654	180296	6.43%	0.391%
57	13.204	1885	1890	1891	rBV3	45562	64164	2.29%	0.139%
58	13.222	1891	1893	1896	rBV	99909	80912	2.88%	0.175%
59	13.263	1896	1900	1902	rBV2	172848	189776	6.76%	0.411%
60	13.316	1907	1909	1912	rBV2	35816	37904	1.35%	0.082%
61	13.357	1912	1916	1918	rBV	90846	87276	3.11%	0.189%
62	13.386	1918	1921	1925	rBV2	101277	106333	3.79%	0.230%
63	13.545	1944	1948	1953	rBV6	76500	136482	4.86%	0.296%
64	13.663	1965	1968	1973	rVB	212706	200885	7.16%	0.435%
65	13.774	1983	1987	1990	rBV2	173394	220446	7.86%	0.478%
66	13.804	1990	1992	1994	rVV	163332	129180	4.60%	0.280%
67	13.827	1994	1996	2001	rVV2	137292	205763	7.33%	0.446%
68	13.869	2001	2003	2006	rVB	213873	195413	6.97%	0.423%
69	13.910	2006	2010	2015	rBV4	69024	154672	5.51%	0.335%
70	14.021	2022	2029	2032	rBV3	1401086	2451134	87.37%	5.312%
71	14.051	2032	2034	2042	rVB	868422	872482	31.10%	1.891%

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 Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	14.133	2046	2048	2050	rVB	124607	84654	3.02%	0.183%
73	14.186	2054	2057	2060	rVV	131140	131586	4.69%	0.285%
74	14.245	2064	2067	2071	rBV2	86261	116778	4.16%	0.253%
75	14.416	2093	2096	2098	rVB	153789	144549	5.15%	0.313%
76	14.445	2099	2101	2105	rVB2	87278	80909	2.88%	0.175%
77	14.492	2106	2109	2114	rVB2	234973	252423	9.00%	0.547%
78	14.539	2114	2117	2119	rBV	100292	106877	3.81%	0.232%
79	14.798	2158	2161	2165	rBV2	285528	277033	9.87%	0.600%
80	15.068	2203	2207	2210	rBV	836973	1235619	44.04%	2.678%
81	15.133	2215	2218	2222	rVV2	293234	339806	12.11%	0.736%
82	15.174	2222	2225	2229	rVB	155009	164870	5.88%	0.357%
83	15.374	2254	2259	2264	rVB	473192	667162	23.78%	1.446%
84	15.433	2265	2269	2275	rBV	682198	851887	30.37%	1.846%
85	15.498	2275	2280	2292	rVV3	840284	1640027	58.46%	3.554%
86	15.951	2353	2357	2365	rVB	186703	285511	10.18%	0.619%
87	16.457	2440	2443	2448	rVB2	83267	132119	4.71%	0.286%
88	16.968	2525	2530	2538	rVB2	316697	616260	21.97%	1.335%
89	17.415	2600	2606	2616	rVB	215138	463626	16.53%	1.005%

Sum of corrected areas: 46146957

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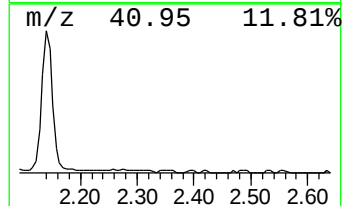
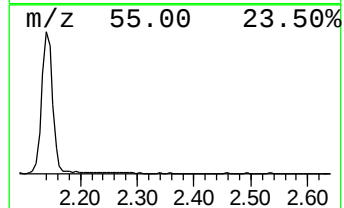
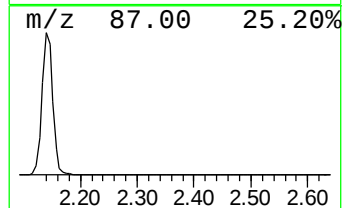
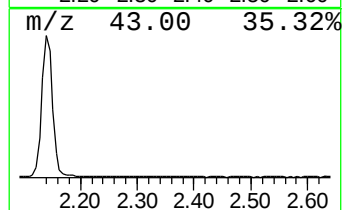
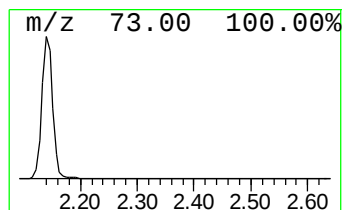
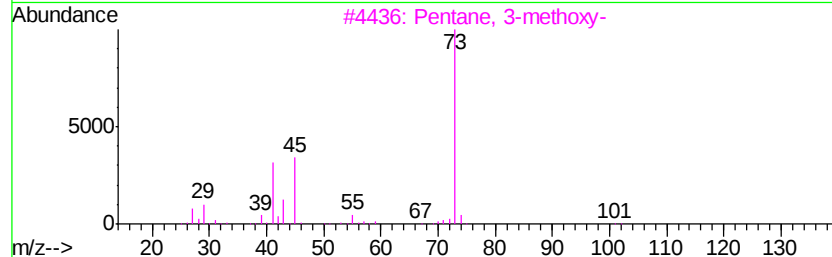
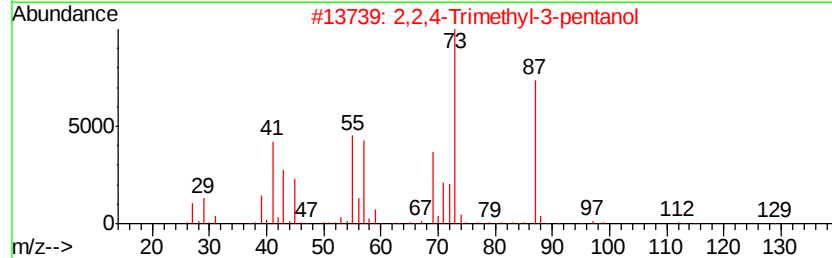
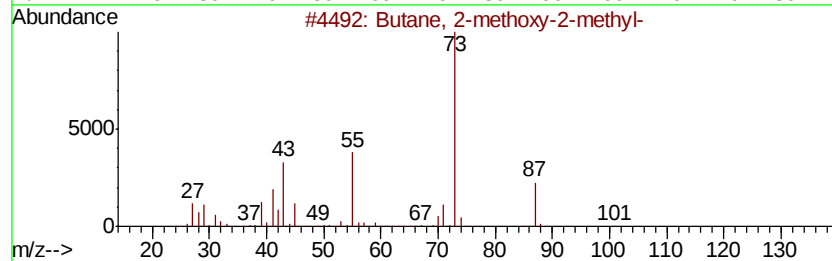
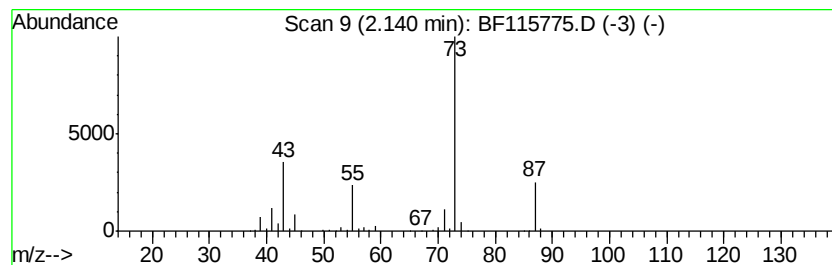
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	16.03 ng	613472	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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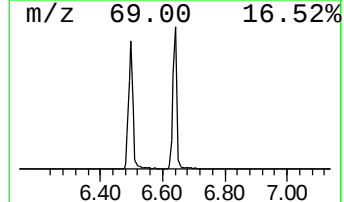
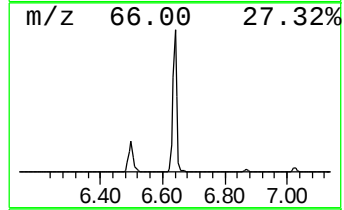
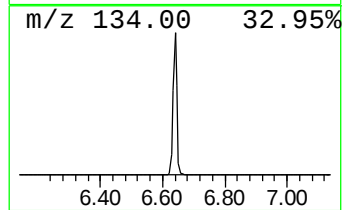
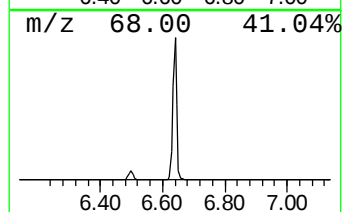
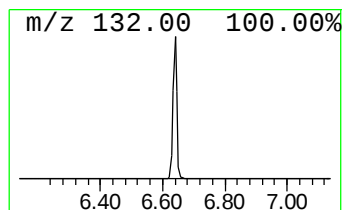
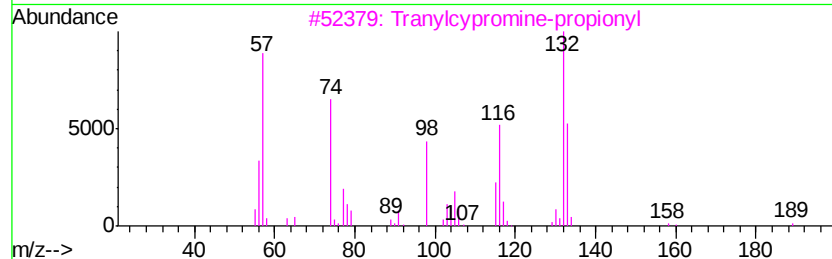
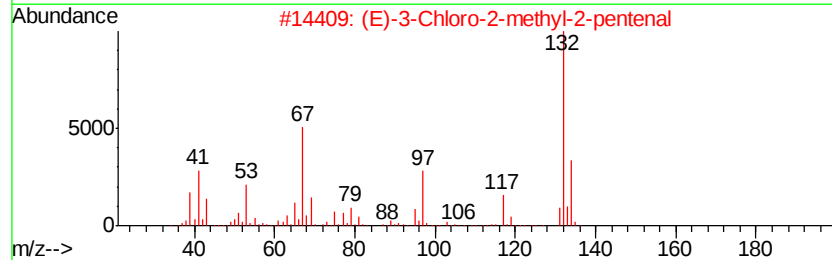
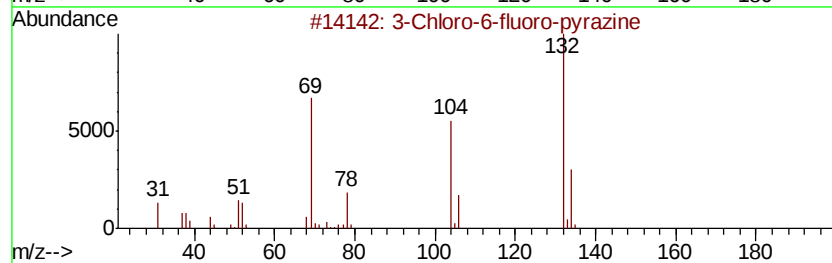
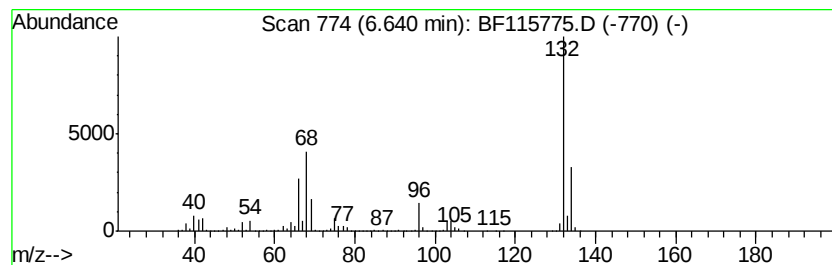
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	64.95 ng	2486450	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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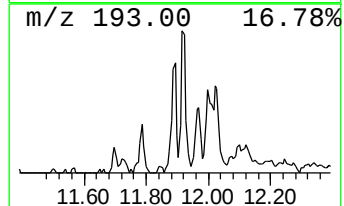
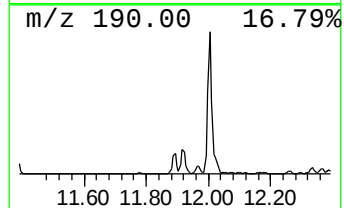
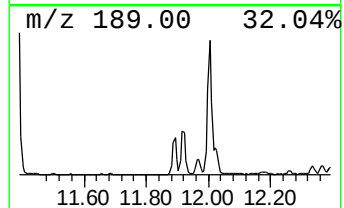
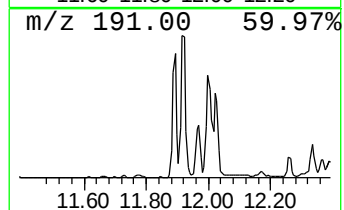
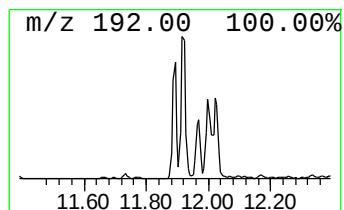
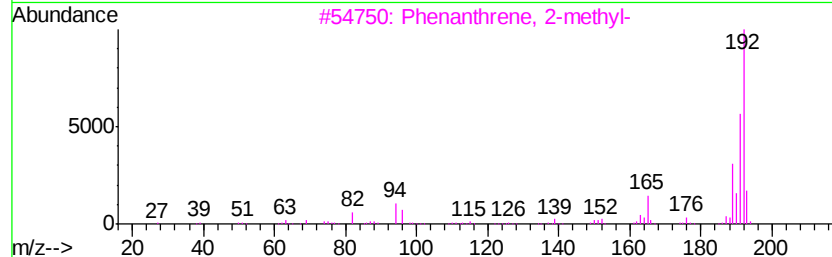
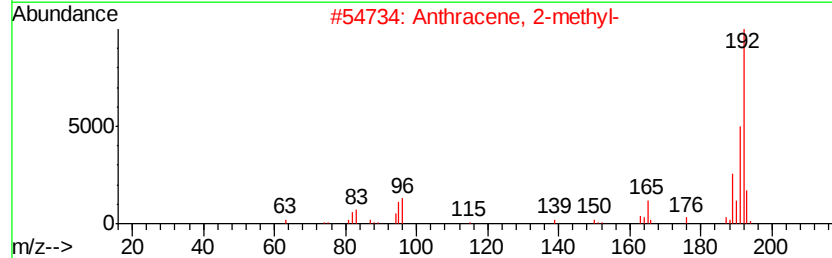
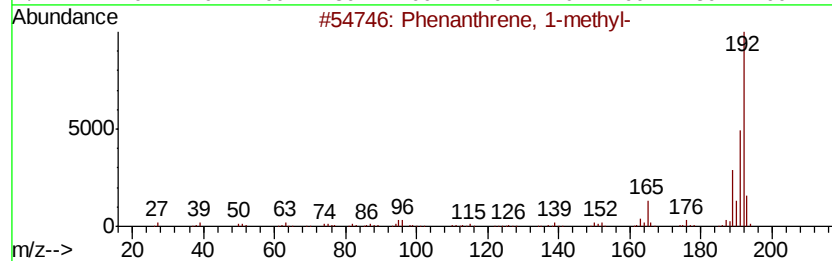
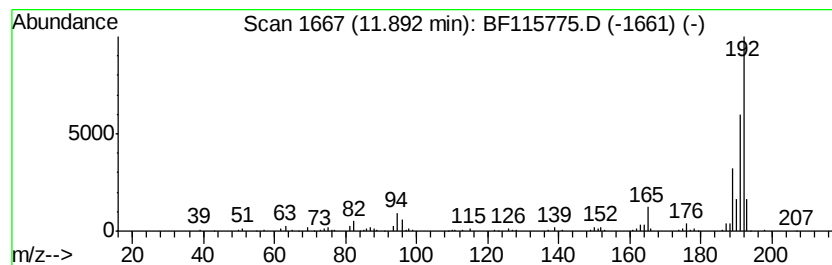
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	3.14 ng	179876	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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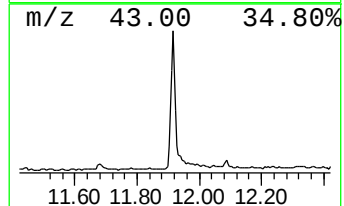
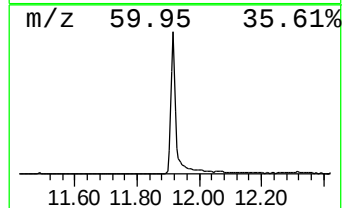
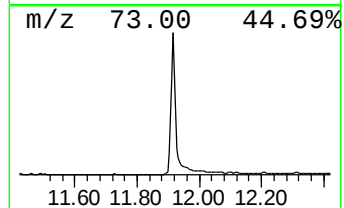
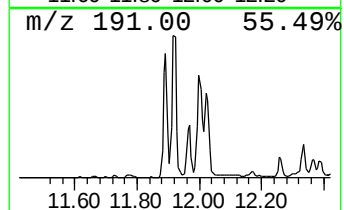
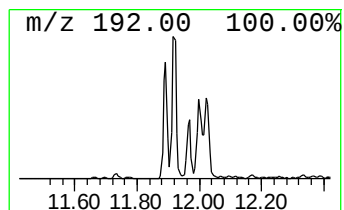
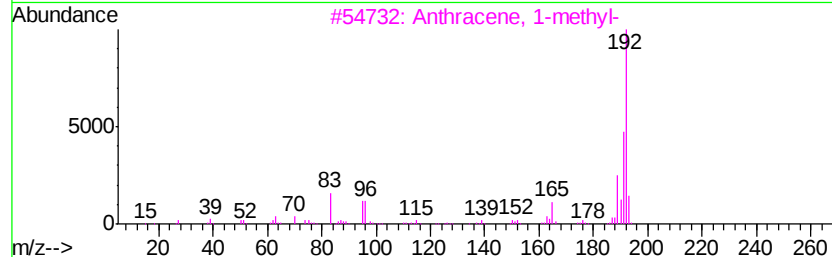
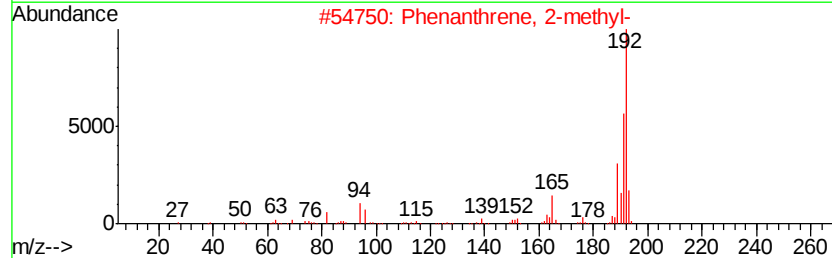
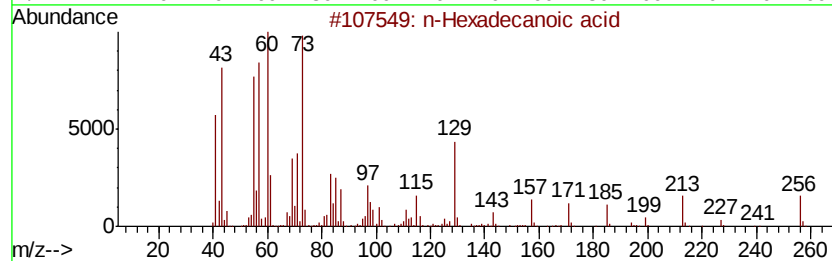
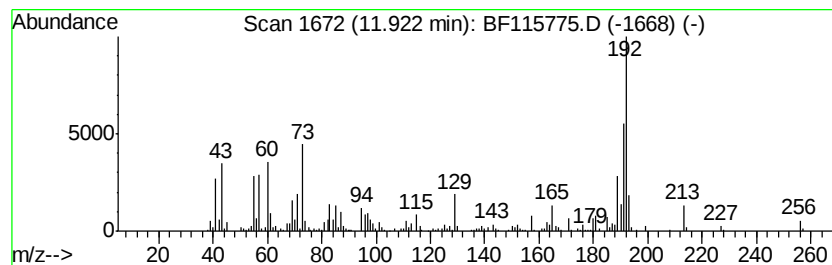
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	13.47 ng	772456	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5		Tridecanoic acid	214	C13H26O2	000638-53-9	84



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115775.D
Acq On : 25 Jul 2019 23:06
Operator : HP/JU
Sample : K3983-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

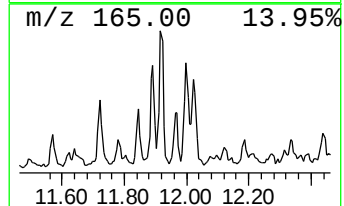
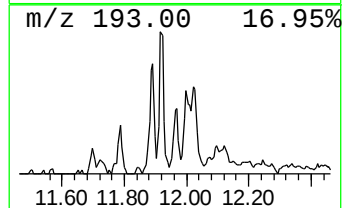
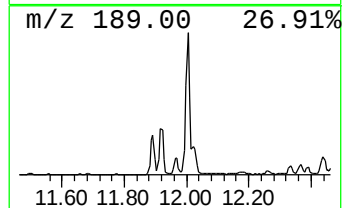
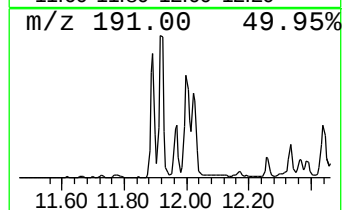
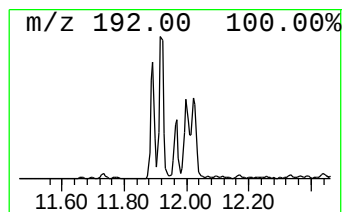
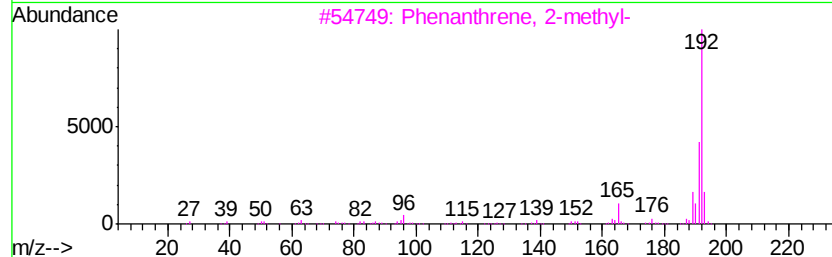
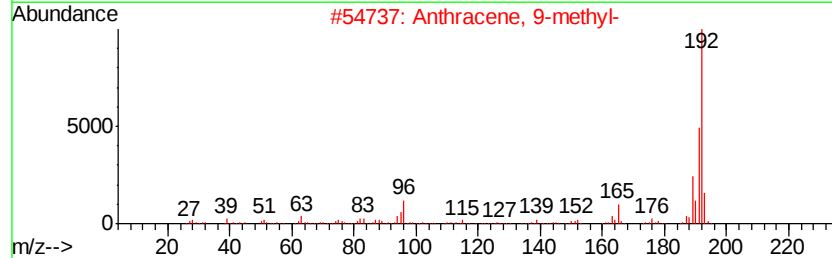
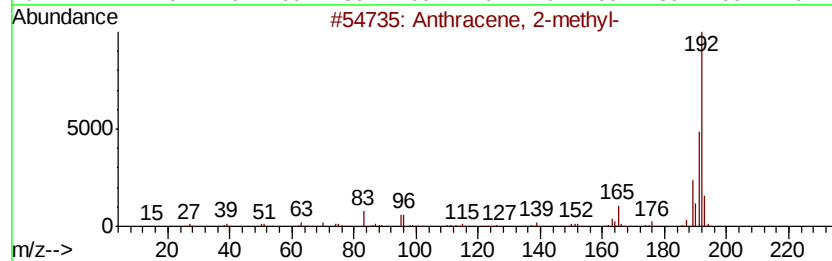
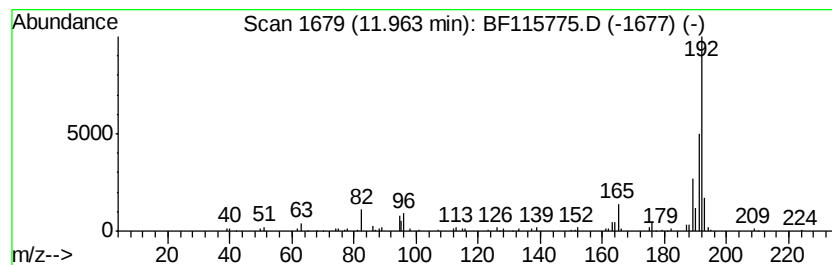
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.08 ng	119329	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115775.D
Acq On : 25 Jul 2019 23:06
Operator : HP/JU
Sample : K3983-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

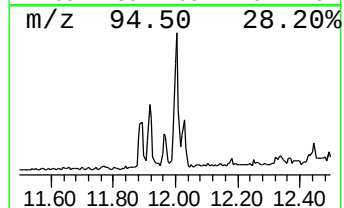
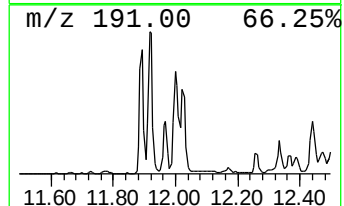
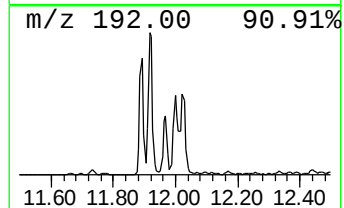
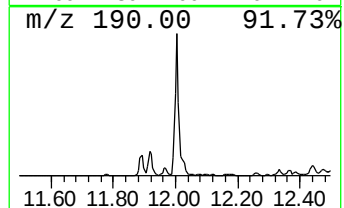
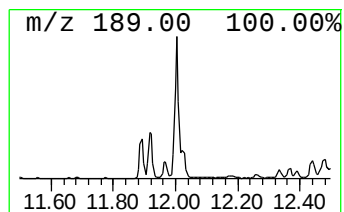
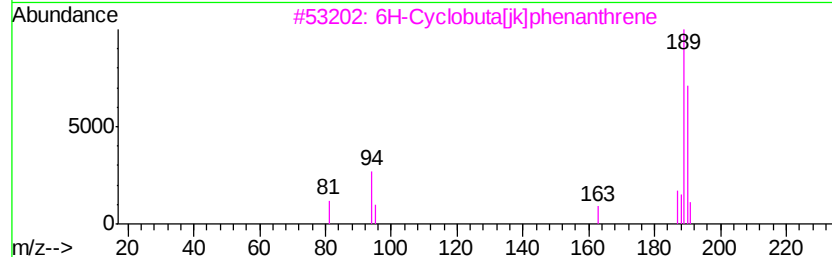
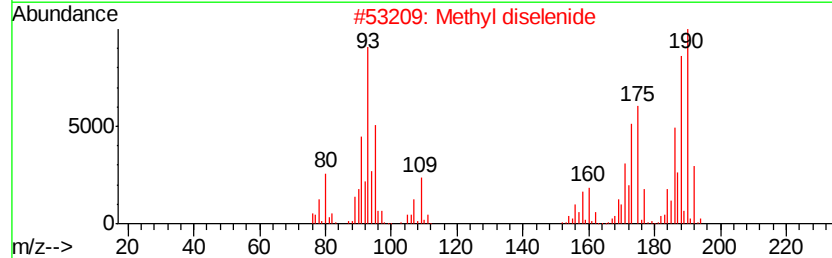
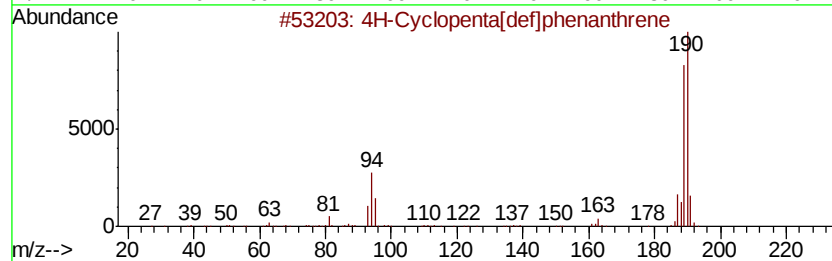
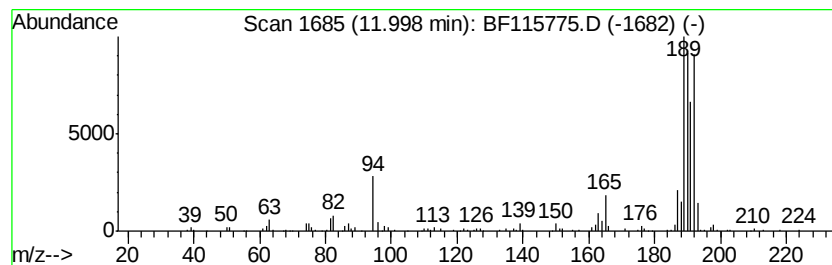
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.00	5.81 ng	332955	Phenanthrene-d10		11.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Megastigmatrienone	190	C13H18O	038818-55-2	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115775.D
Acq On : 25 Jul 2019 23:06
Operator : HP/JU
Sample : K3983-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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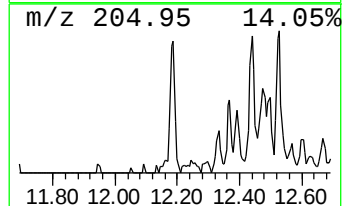
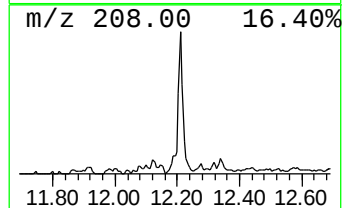
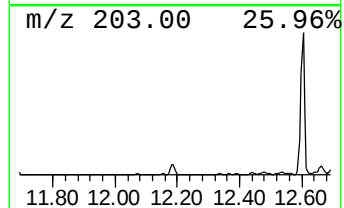
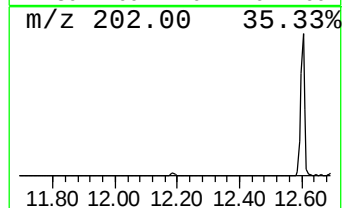
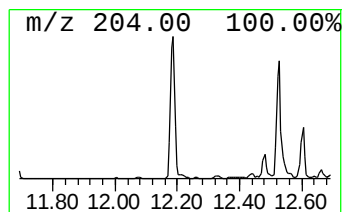
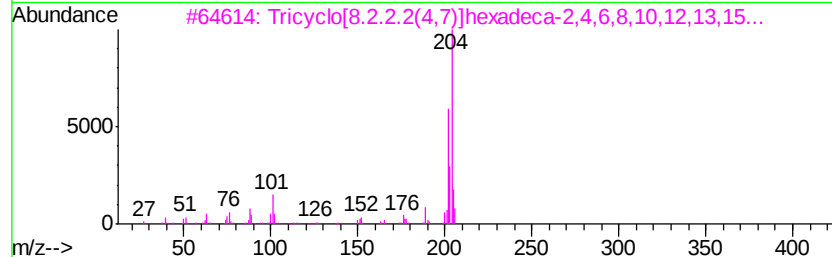
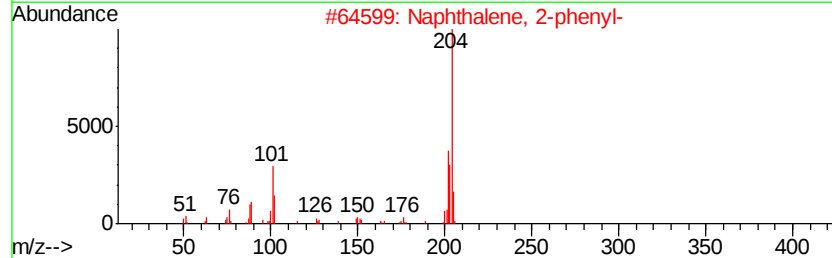
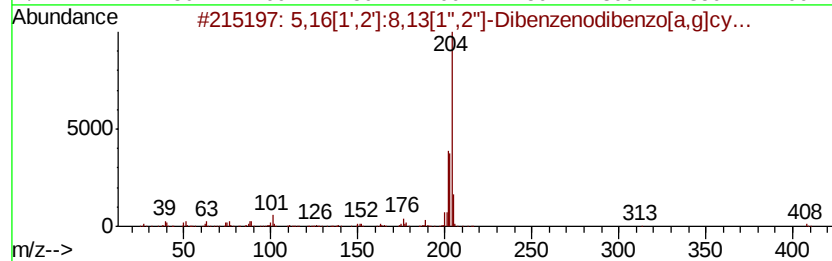
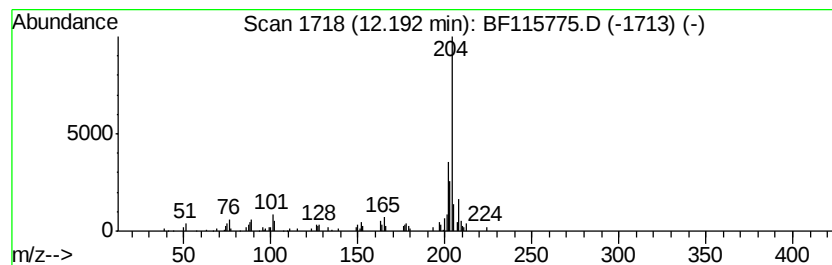
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.37 ng	135862	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115775.D
Acq On : 25 Jul 2019 23:06
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Sample : K3983-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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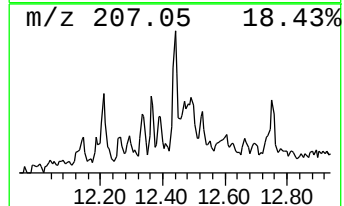
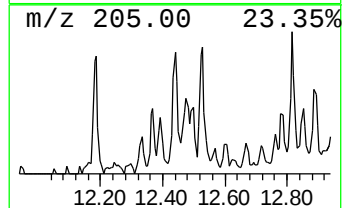
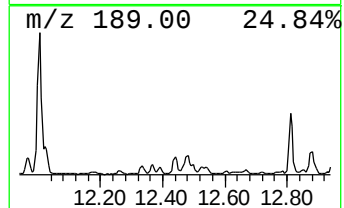
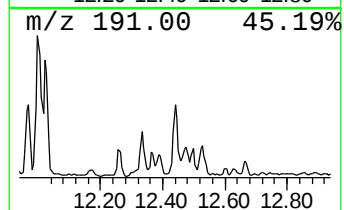
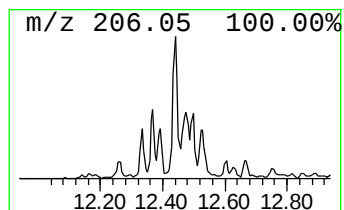
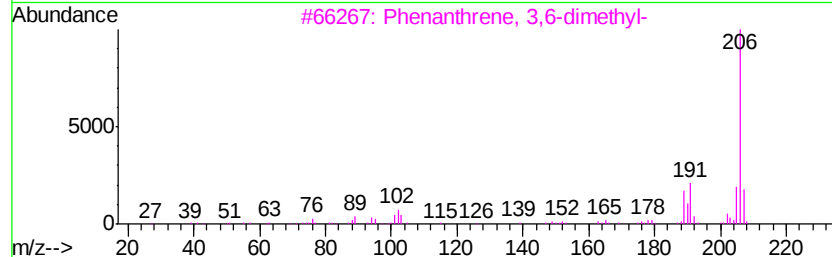
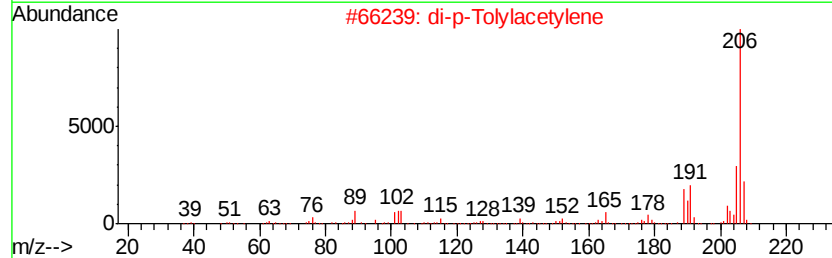
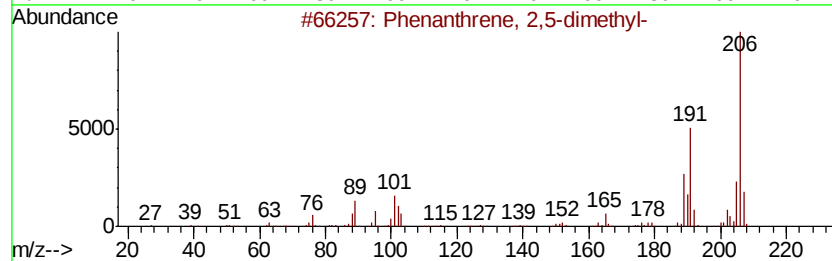
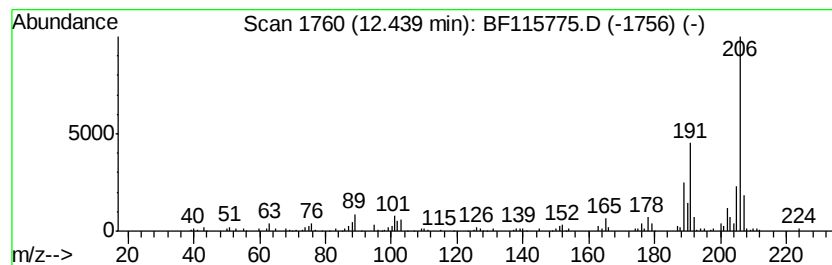
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.52 ng	144588	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115775.D
Acq On : 25 Jul 2019 23:06
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Sample : K3983-02
Misc :
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Instrument :
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ClientSampleId :
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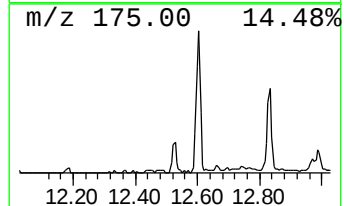
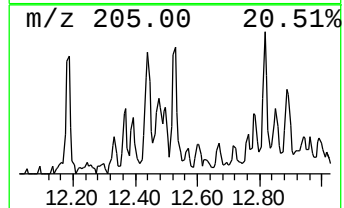
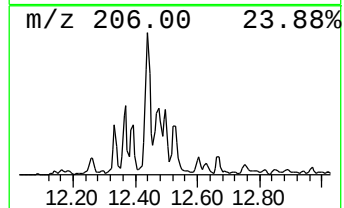
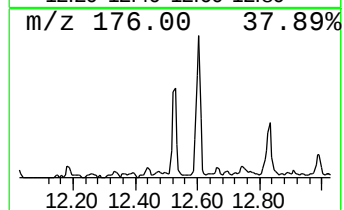
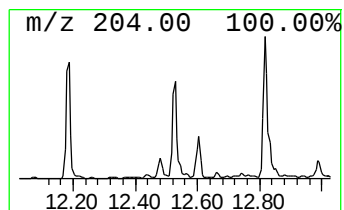
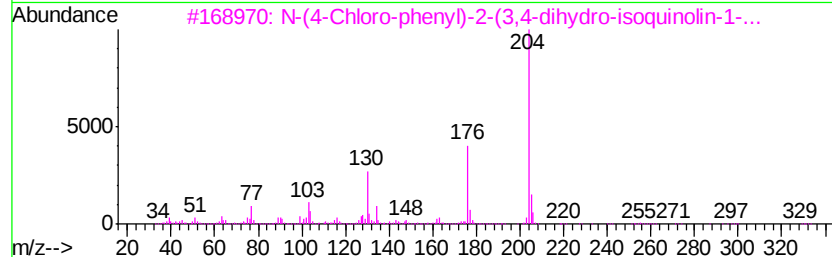
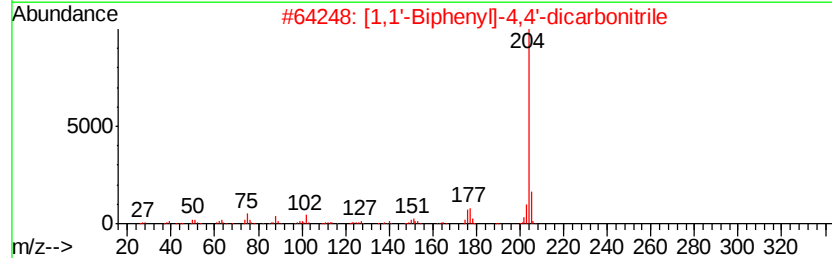
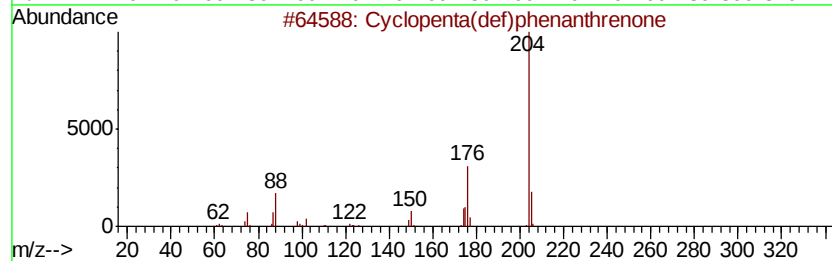
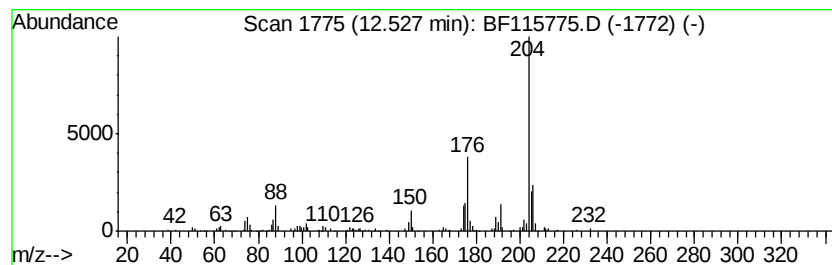
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.54 ng	145933	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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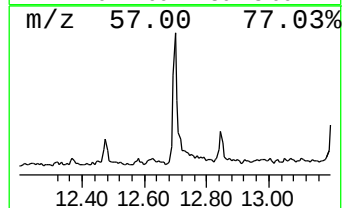
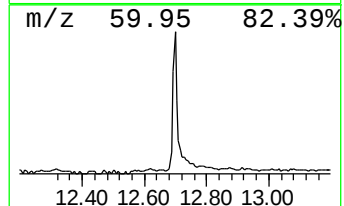
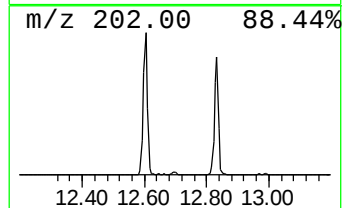
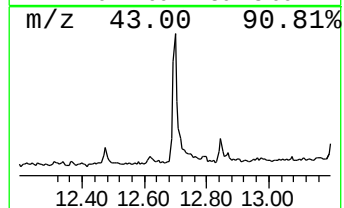
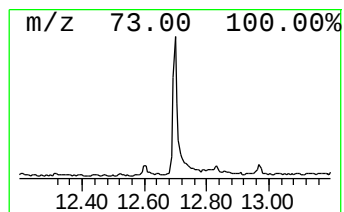
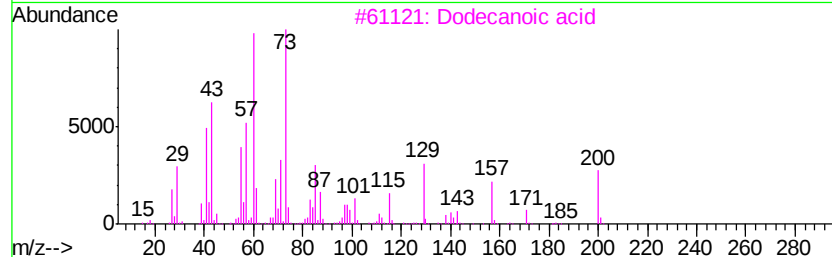
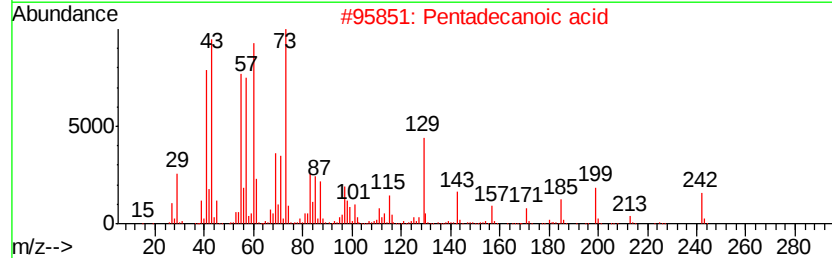
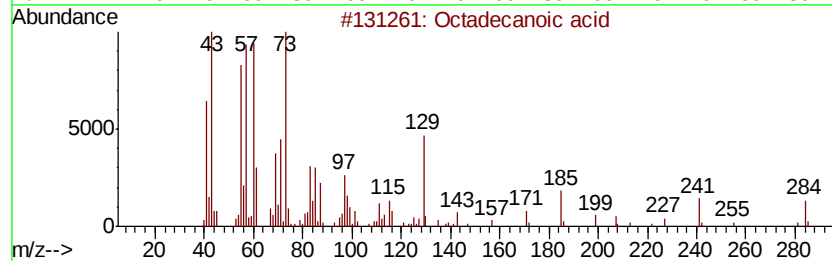
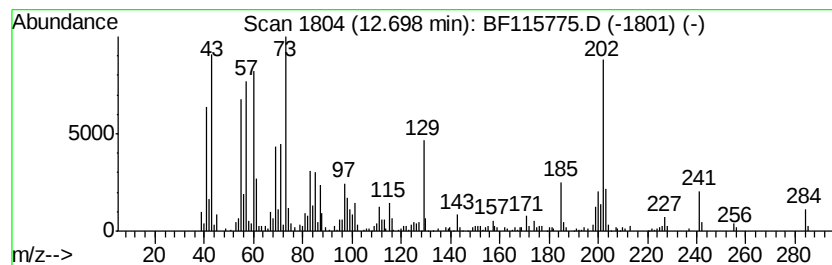
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	4.89 ng	280427	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		Dodecanoic acid	200	C12H24O2	000143-07-7	50
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	49
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115775.D
Acq On : 25 Jul 2019 23:06
Operator : HP/JU
Sample : K3983-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

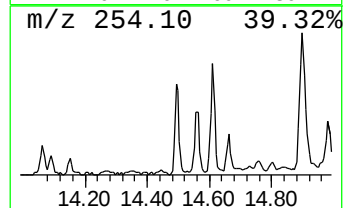
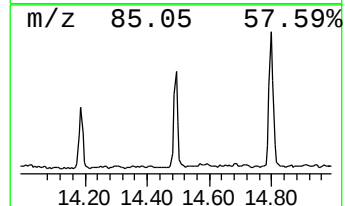
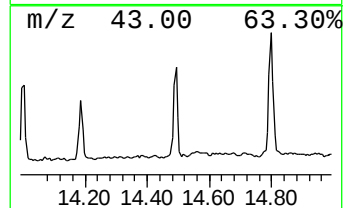
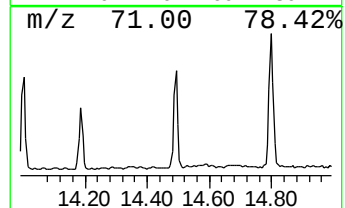
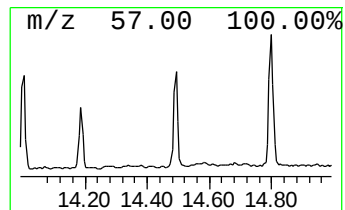
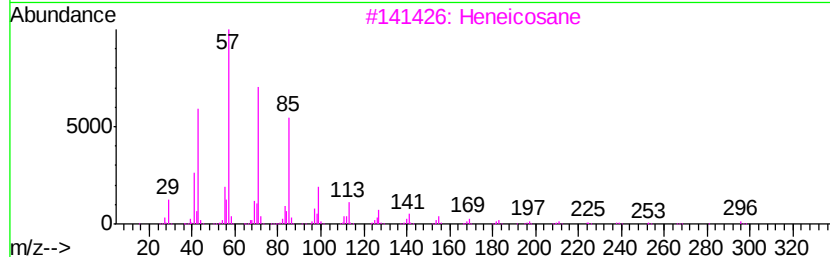
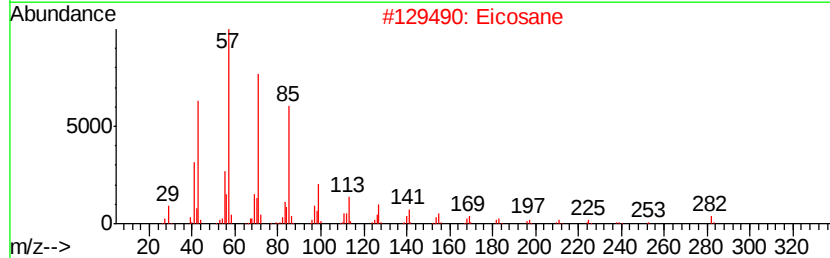
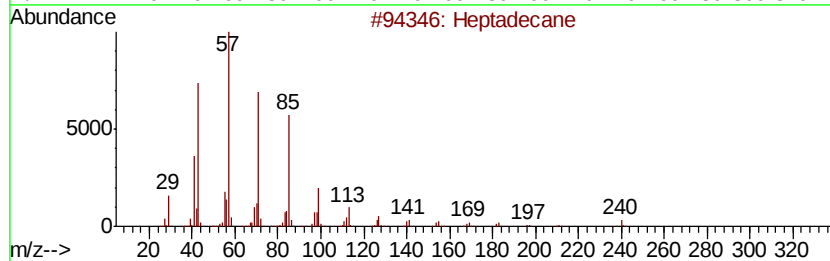
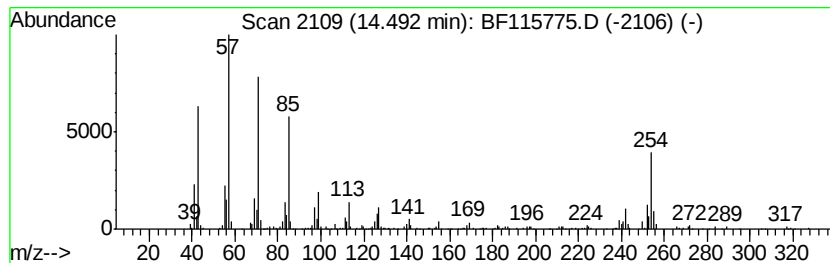
Instrument :
BNA_F
ClientSampleId :
SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.06 ng	252423	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	94
2	Eicosane	282 C20H42	000112-95-8	64
3	Heneicosane	296 C21H44	000629-94-7	64
4	Octadecane	254 C18H38	000593-45-3	62
5	Octacosane	394 C28H58	000630-02-4	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115775.D
 Acq On : 25 Jul 2019 23:06
 Operator : HP/JU
 Sample : K3983-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

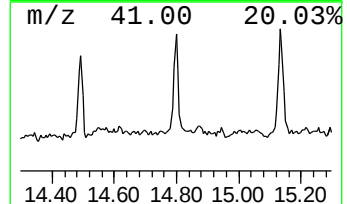
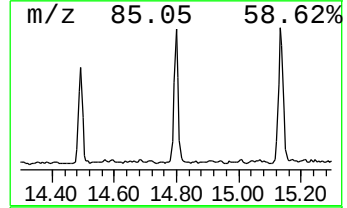
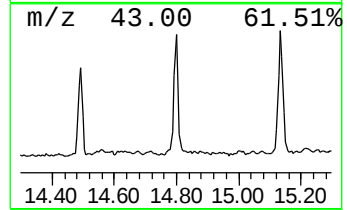
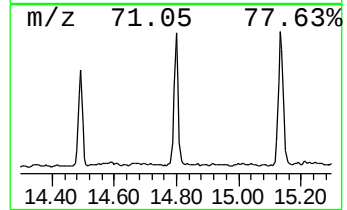
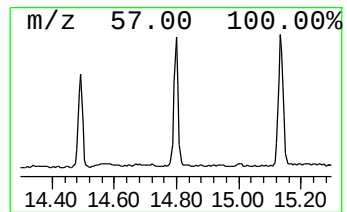
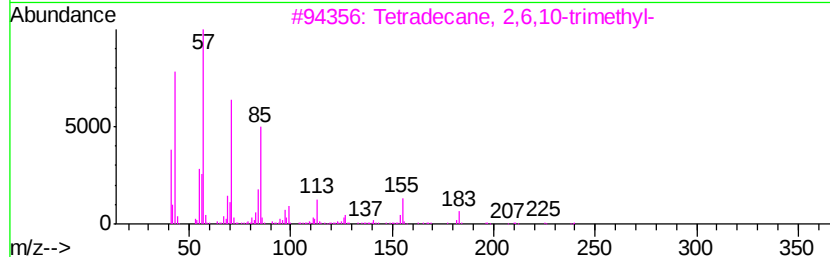
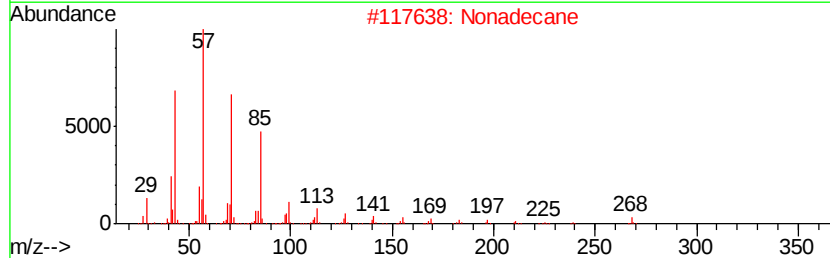
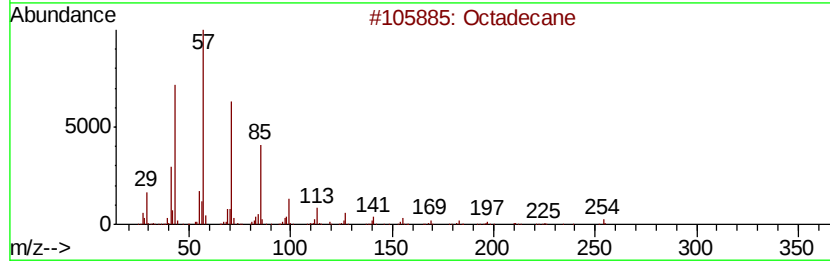
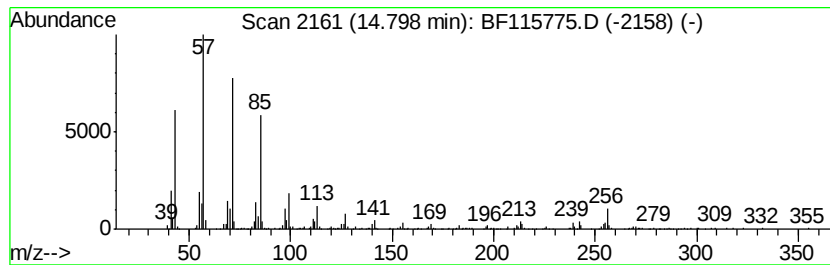
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.38 ng	277033	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	98
2		Nonadecane	268	C19H40	000629-92-5	94
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115775.D
Acq On : 25 Jul 2019 23:06
Operator : HP/JU
Sample : K3983-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

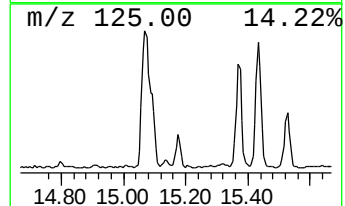
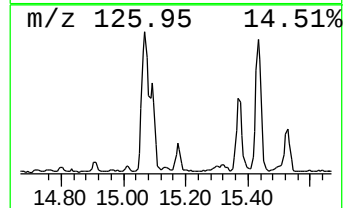
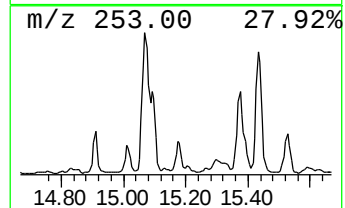
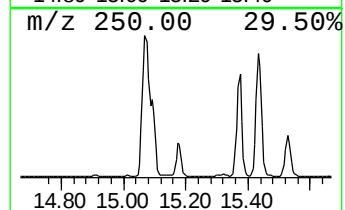
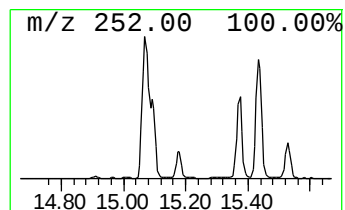
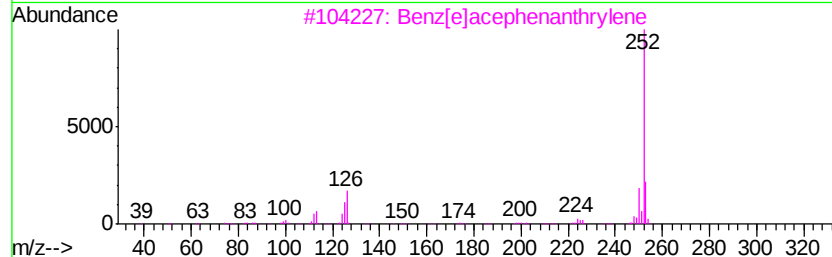
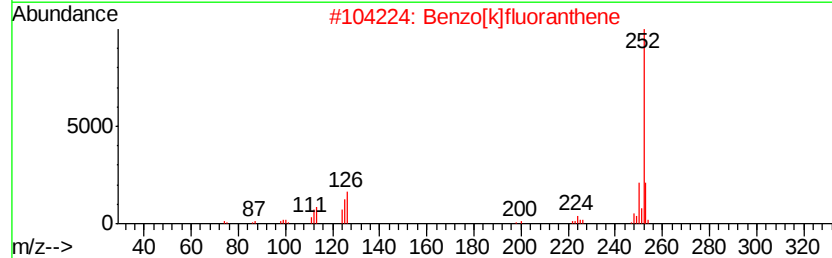
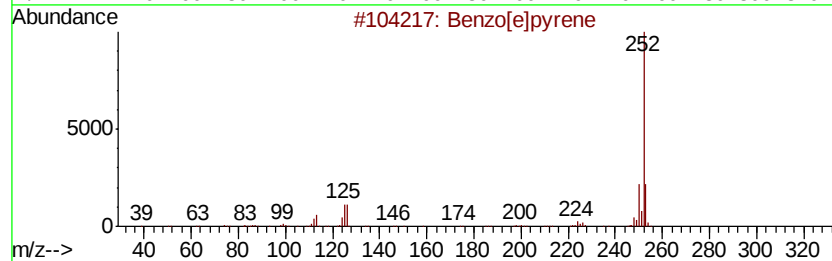
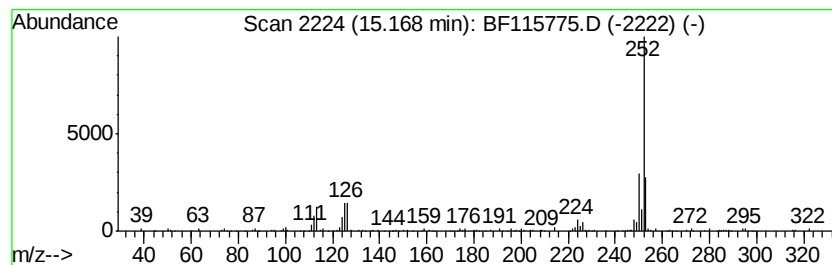
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.01 ng	164870	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
4		Benzo[a]pyrene	252	C20H12	000050-32-8	91
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115775.D
Acq On : 25 Jul 2019 23:06
Operator : HP/JU
Sample : K3983-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

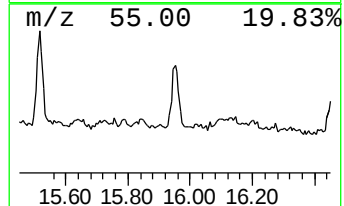
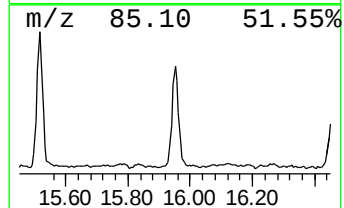
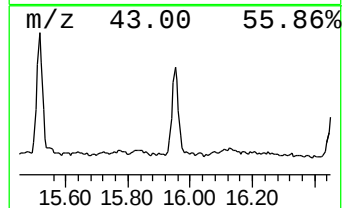
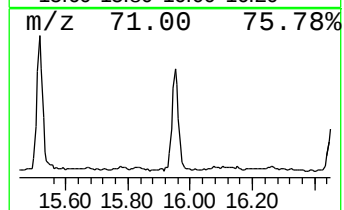
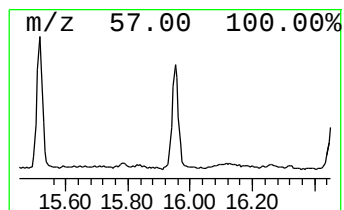
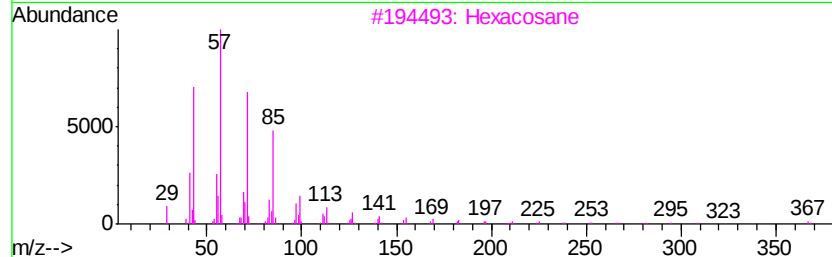
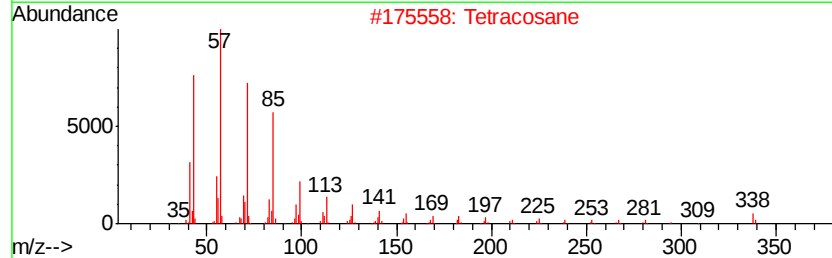
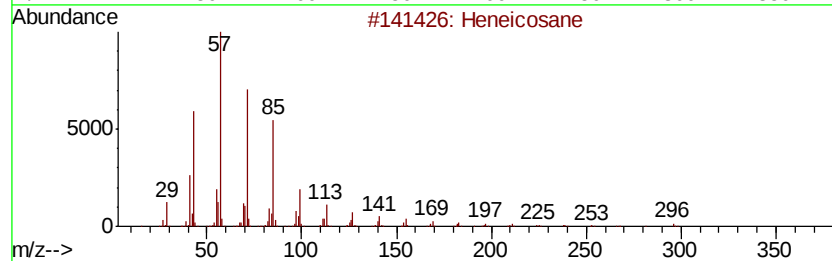
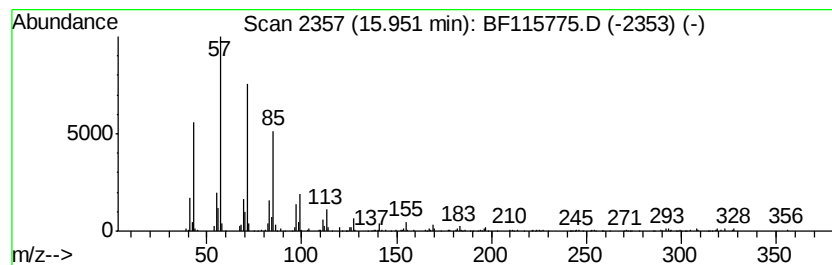
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.48 ng	285511	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
Data File : BF115775.D
Acq On : 25 Jul 2019 23:06
Operator : HP/JU
Sample : K3983-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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
Butane, 2-methoxy...	2.14	16.0	ng	613472	1	6.87	765623	20.0
unknown6.64	6.64	65.0	ng	2486450	1	6.87	765623	20.0
Phenanthrene, 1-m...	11.89	3.1	ng	179876	4	11.39	1147060	20.0
n-Hexadecanoic acid	11.92	13.5	ng	772456	4	11.39	1147060	20.0
Anthracene, 2-met...	11.96	2.1	ng	119329	4	11.39	1147060	20.0
4H-Cyclopenta[def...	12.00	5.8	ng	332955	4	11.39	1147060	20.0
5,16[1',2']:8,13[...	12.19	2.4	ng	135862	4	11.39	1147060	20.0
Phenanthrene, 2,5...	12.44	2.5	ng	144588	4	11.39	1147060	20.0
Cyclopenta(def)ph...	12.53	2.5	ng	145933	4	11.39	1147060	20.0
Octadecanoic acid	12.70	4.9	ng	280427	4	11.39	1147060	20.0
Heptadecane	14.49	2.1	ng	252423	5	14.03	2451130	20.0
Octadecane	14.80	3.4	ng	277033	6	15.50	1640030	20.0
Benzo[e]pyrene	15.17	2.0	ng	164870	6	15.50	1640030	20.0
Heneicosane	15.95	3.5	ng	285511	6	15.50	1640030	20.0