

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115779.D
 Acq On : 26 Jul 2019 00:53
 Operator : HP/JU
 Sample : K3983-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

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	2.163	7	13	23	rVB	629035	854870	24.38%	1.284%
2	5.498	575	580	583	rBV	3128766	3020592	86.15%	4.536%
3	6.504	746	751	754	rBV	3027896	3149336	89.82%	4.729%
4	6.645	770	775	778	rBV	3512904	3291678	93.88%	4.943%
5	6.869	810	813	817	rBV	1006587	819987	23.39%	1.231%
6	7.028	836	840	844	rBV	2930588	2597670	74.09%	3.901%
7	7.428	903	908	920	rBV	1994702	2143395	61.13%	3.219%
8	8.151	1027	1031	1034	rBV	1133067	970826	27.69%	1.458%
9	9.227	1209	1214	1217	rBV	3772354	3506124	100.00%	5.265%
10	9.563	1266	1271	1274	rBV	46102	46382	1.32%	0.070%
11	9.616	1277	1280	1288	rVB	663612	566792	16.17%	0.851%
12	9.763	1302	1305	1309	rVB	85236	75146	2.14%	0.113%
13	9.904	1322	1329	1332	rBV	1318068	1153753	32.91%	1.733%
14	9.939	1332	1335	1339	rVB	189905	176374	5.03%	0.265%
15	10.110	1360	1364	1368	rBV	162385	159545	4.55%	0.240%
16	10.345	1400	1404	1408	rVB	152923	152335	4.34%	0.229%
17	10.421	1415	1417	1419	rBV	91717	66591	1.90%	0.100%
18	10.451	1419	1422	1428	rVB	275945	244732	6.98%	0.368%
19	10.610	1446	1449	1453	rVB	86715	72581	2.07%	0.109%
20	10.692	1459	1463	1470	rBV	2256217	2335027	66.60%	3.507%
21	10.739	1470	1471	1479	rVV2	43639	63560	1.81%	0.095%
22	10.816	1479	1484	1491	rVB6	44197	81710	2.33%	0.123%
23	10.998	1509	1515	1518	rBV3	80058	112508	3.21%	0.169%
24	11.127	1532	1537	1539	rBV4	55691	71869	2.05%	0.108%
25	11.151	1539	1541	1546	rVV	62466	70530	2.01%	0.106%
26	11.198	1546	1549	1552	rVV	83345	84636	2.41%	0.127%
27	11.239	1552	1556	1561	rVV3	59314	110593	3.15%	0.166%
28	11.286	1561	1564	1570	rVB	161264	146272	4.17%	0.220%
29	11.392	1578	1582	1584	rBV	1215092	1168393	33.32%	1.755%
30	11.416	1584	1586	1589	rVV	2490756	1972928	56.27%	2.963%
31	11.463	1589	1594	1598	rVV	655071	657150	18.74%	0.987%
32	11.498	1598	1600	1603	rVB2	47784	48394	1.38%	0.073%
33	11.616	1615	1620	1623	rBV2	139568	160937	4.59%	0.242%
34	11.686	1629	1632	1636	rBV3	107132	96588	2.75%	0.145%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.721	1636	1638	1643	rVB3	56755	60413	1.72%	0.091%
36	11.892	1662	1667	1669	rBV	319972	301021	8.59%	0.452%
37	11.921	1669	1672	1677	rVV	1660154	1708151	48.72%	2.565%
38	11.968	1677	1680	1683	rVV	213732	240923	6.87%	0.362%
39	12.004	1683	1686	1688	rVV	501706	519839	14.83%	0.781%
40	12.027	1688	1690	1694	rVB	186440	172588	4.92%	0.259%
41	12.186	1713	1717	1719	rBV	224759	190501	5.43%	0.286%
42	12.210	1719	1721	1728	rVB2	112806	103637	2.96%	0.156%
43	12.333	1737	1742	1745	rBV	77002	89327	2.55%	0.134%
44	12.368	1745	1748	1750	rBV	67556	55659	1.59%	0.084%
45	12.392	1750	1752	1754	rVB	70284	53004	1.51%	0.080%
46	12.439	1754	1760	1763	rBV	176298	217066	6.19%	0.326%
47	12.480	1763	1767	1772	rVB2	110118	168586	4.81%	0.253%
48	12.527	1772	1775	1780	rVB	169252	173005	4.93%	0.260%
49	12.610	1784	1789	1792	rBV	3005923	2850341	81.30%	4.280%
50	12.668	1797	1799	1801	rVB	67769	54669	1.56%	0.082%
51	12.704	1801	1805	1811	rBV2	1014287	1056498	30.13%	1.587%
52	12.757	1811	1814	1817	rVB	102008	106776	3.05%	0.160%
53	12.833	1821	1827	1833	rBV2	2379497	2858003	81.51%	4.292%
54	12.880	1833	1835	1841	rVB2	128798	135743	3.87%	0.204%
55	12.974	1843	1851	1854	rBV	3378603	3300126	94.12%	4.956%
56	13.051	1859	1864	1867	rBV4	175458	303315	8.65%	0.455%
57	13.080	1867	1869	1871	rVB	73769	55602	1.59%	0.083%
58	13.139	1875	1879	1880	rBV4	136215	152872	4.36%	0.230%
59	13.162	1880	1883	1886	rVB	379767	368465	10.51%	0.553%
60	13.204	1886	1890	1891	rBV2	49657	62995	1.80%	0.095%
61	13.227	1891	1894	1896	rBV	318829	261608	7.46%	0.393%
62	13.262	1896	1900	1903	rVV2	271426	309739	8.83%	0.465%
63	13.321	1907	1910	1912	rVB	47411	38970	1.11%	0.059%
64	13.357	1913	1916	1918	rVB	123362	94353	2.69%	0.142%
65	13.386	1918	1921	1925	rBV2	128268	120954	3.45%	0.182%
66	13.445	1928	1931	1934	rBV3	36162	52531	1.50%	0.079%
67	13.545	1944	1948	1950	rBV4	104798	137409	3.92%	0.206%
68	13.645	1962	1965	1966	rBV2	49276	52527	1.50%	0.079%
69	13.668	1966	1969	1973	rVB	234729	241742	6.89%	0.363%
70	13.774	1984	1987	1990	rBV2	237503	282834	8.07%	0.425%
71	13.804	1990	1992	1994	rVV	223124	194975	5.56%	0.293%

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72	13.833	1994	1997	2001	rVV2	187677	272874	7.78%	0.410%
73	13.874	2001	2004	2006	rVV	318432	267560	7.63%	0.402%
74	13.904	2006	2009	2015	rVV3	83434	182934	5.22%	0.275%
75	14.027	2022	2030	2033	rBV3	1783550	2941230	83.89%	4.417%
76	14.057	2033	2035	2038	rVB	1385789	1046258	29.84%	1.571%
77	14.139	2046	2049	2053	rVB	221333	197057	5.62%	0.296%
78	14.186	2053	2057	2060	rBV2	380770	377394	10.76%	0.567%
79	14.215	2060	2062	2065	rVB2	78320	73007	2.08%	0.110%
80	14.251	2065	2068	2072	rBV2	134410	168725	4.81%	0.253%
81	14.380	2088	2090	2092	rBV	70912	58357	1.66%	0.088%
82	14.415	2092	2096	2099	rVV	290330	287296	8.19%	0.431%
83	14.451	2099	2102	2105	rVB	124755	127149	3.63%	0.191%
84	14.492	2105	2109	2115	rBV3	753467	765557	21.83%	1.150%
85	14.539	2115	2117	2119	rVV	151450	145305	4.14%	0.218%
86	14.562	2119	2121	2124	rVB2	159285	137306	3.92%	0.206%
87	14.798	2158	2161	2166	rBV	906474	971040	27.70%	1.458%
88	15.074	2203	2208	2211	rBV	1179841	1859705	53.04%	2.793%
89	15.139	2215	2219	2223	rVV	1075860	1203952	34.34%	1.808%
90	15.180	2223	2226	2230	rVB	244104	245545	7.00%	0.369%
91	15.374	2255	2259	2265	rVB	629499	900354	25.68%	1.352%
92	15.439	2265	2270	2276	rBV	968082	1233066	35.17%	1.852%
93	15.521	2276	2284	2293	rVV3	1094154	2581283	73.62%	3.876%
94	15.956	2353	2358	2367	rVB	727479	1079195	30.78%	1.621%
95	16.462	2439	2444	2450	rVB	355816	593000	16.91%	0.891%
96	16.974	2526	2531	2538	rVB2	349706	662518	18.90%	0.995%
97	17.056	2540	2545	2552	rVB2	148174	299060	8.53%	0.449%
98	17.421	2601	2607	2619	rVB	236584	516425	14.73%	0.776%

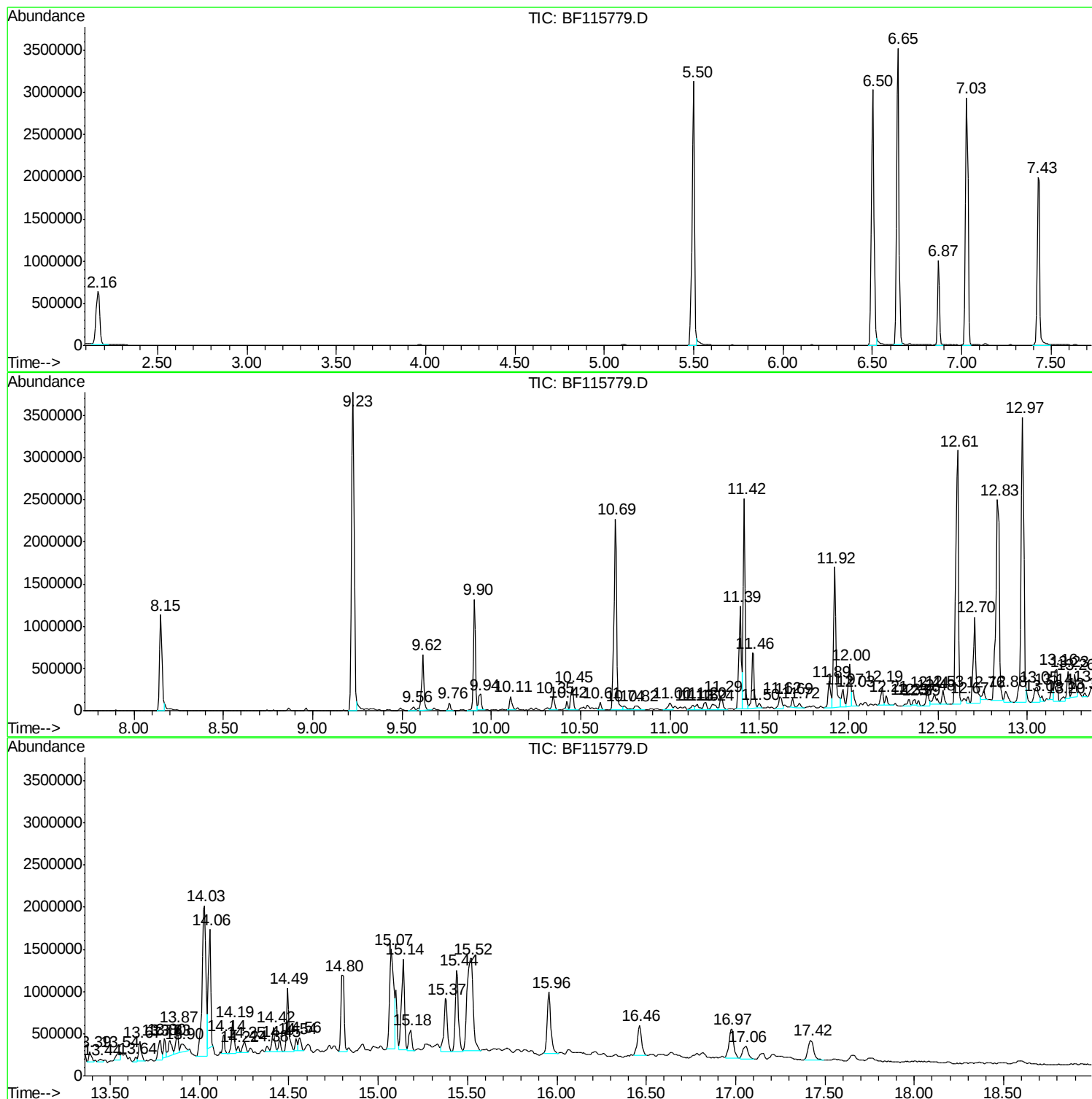
Sum of corrected areas: 66589723

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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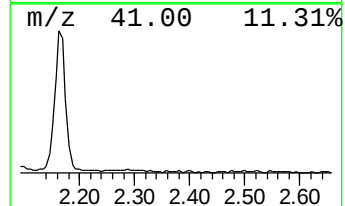
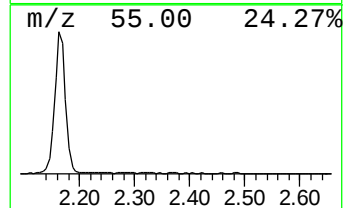
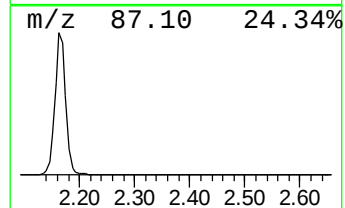
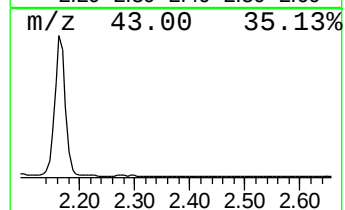
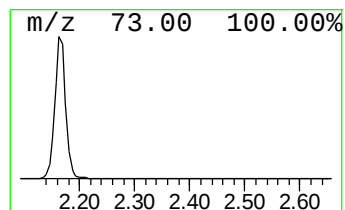
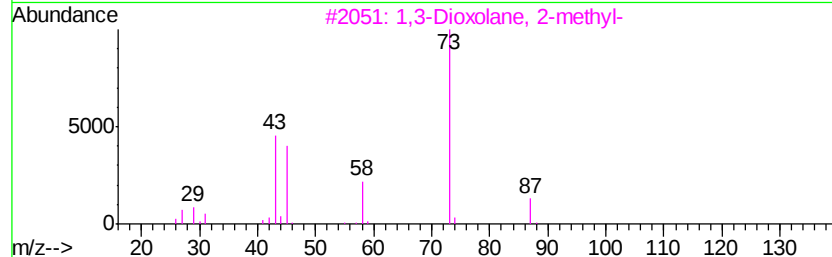
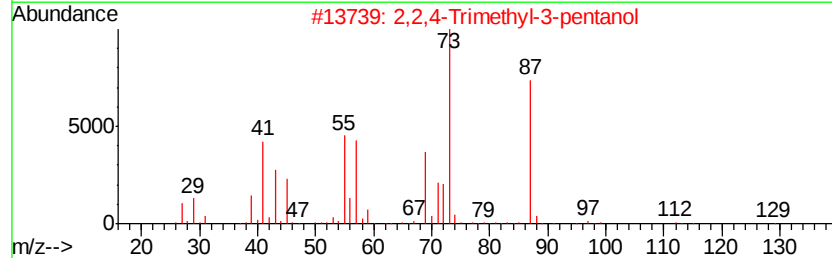
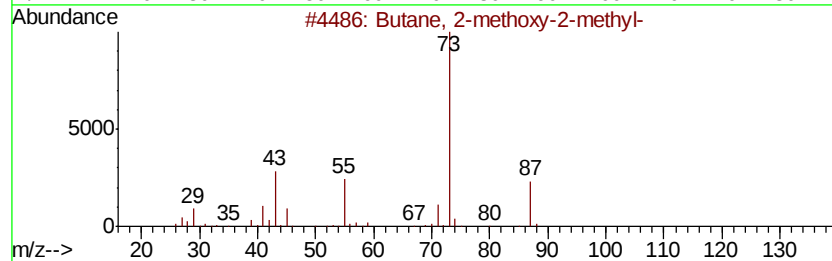
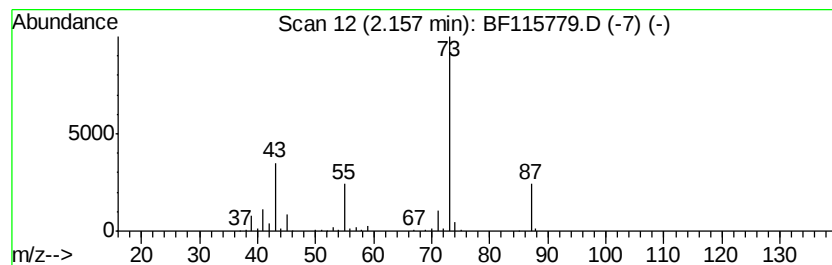
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	20.85 ng	854870	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	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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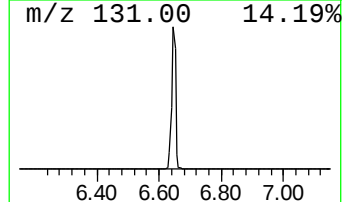
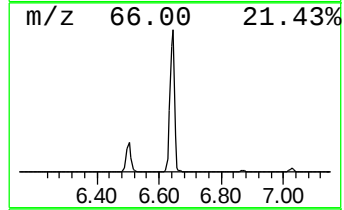
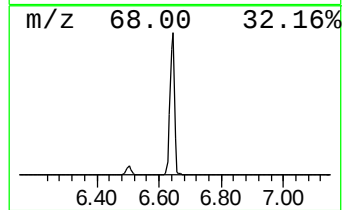
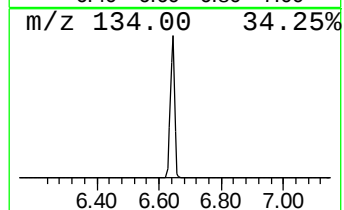
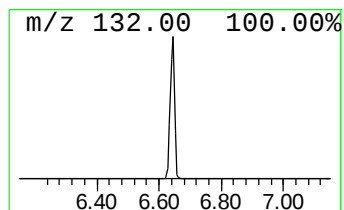
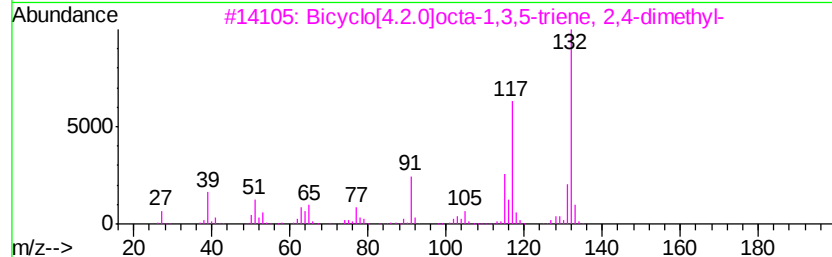
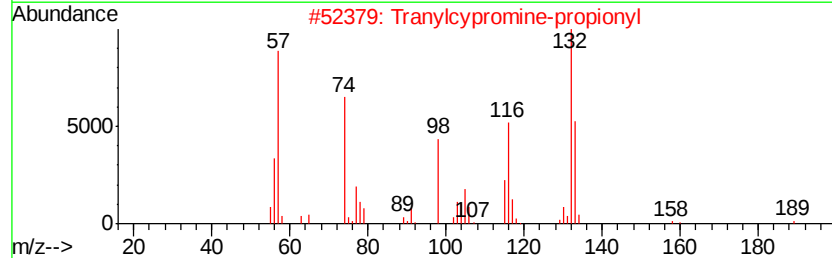
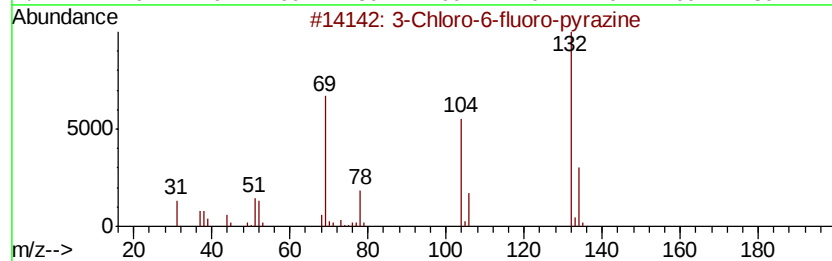
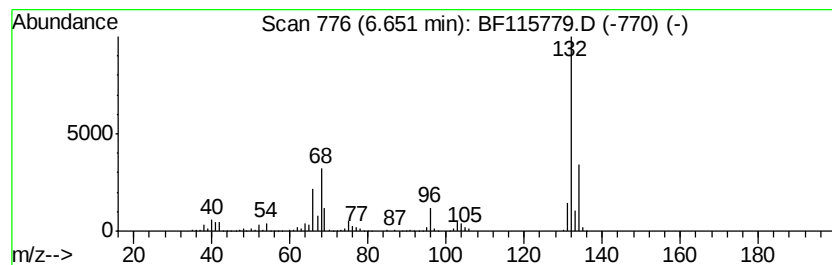
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	80.29 ng	3291680	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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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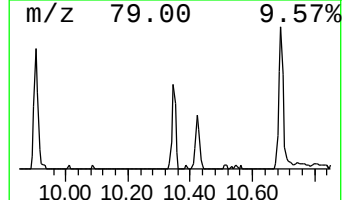
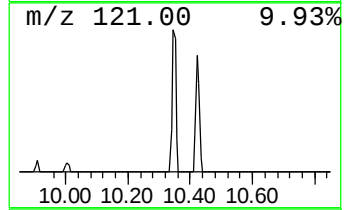
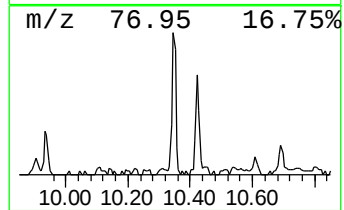
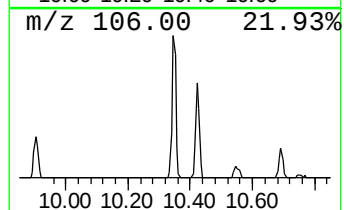
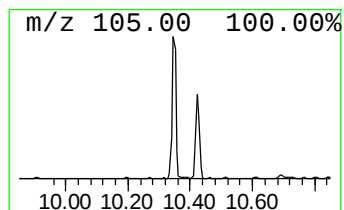
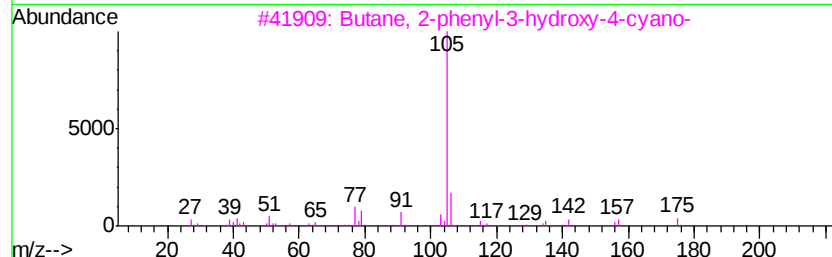
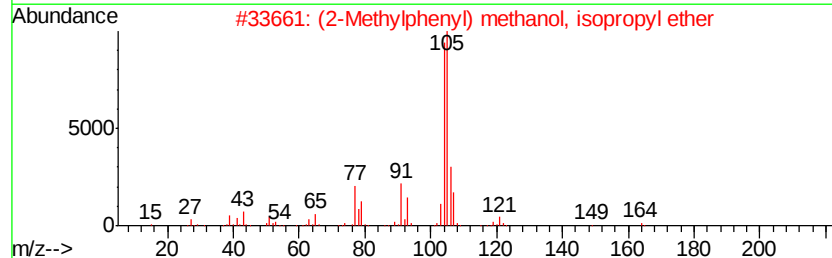
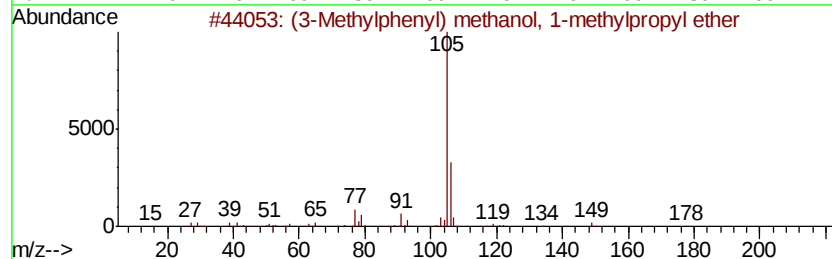
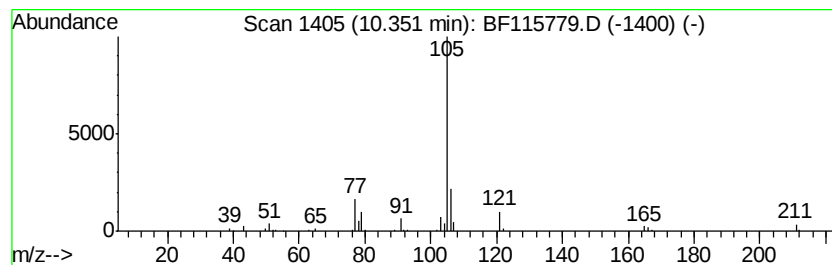
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (3-Methylphenyl) methanol, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.64 ng	152335	Acenaphthene-d10	9.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(3-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-58-5	72
2		(2-Methylphenyl) methanol, isopr...	164	C11H16O	1000374-70-4	64
3		Butane, 2-phenyl-3-hydroxy-4-cyano-	175	C11H13NO	1000162-09-2	64
4		3-Methylbenzyl(1-hydroxyprop-2-y...	180	C11H16O2	1000284-47-8	64
5		Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	59



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Operator : HP/JU
Sample : K3983-05
Misc :
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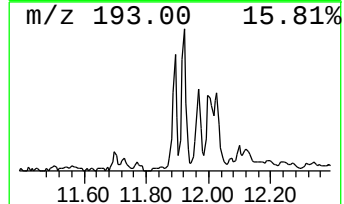
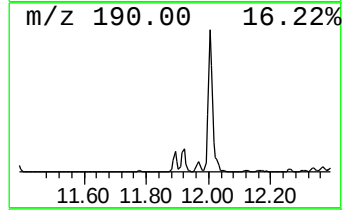
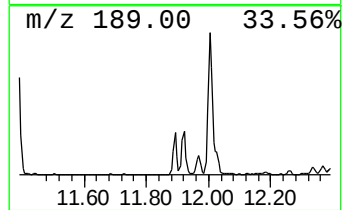
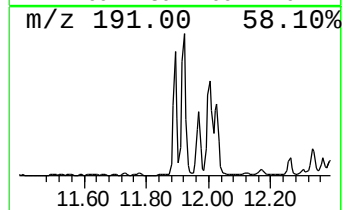
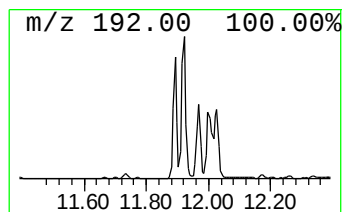
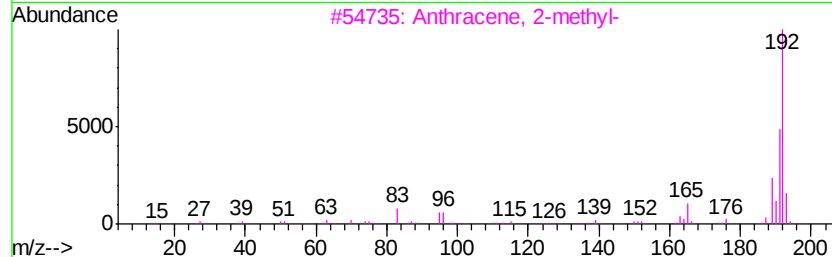
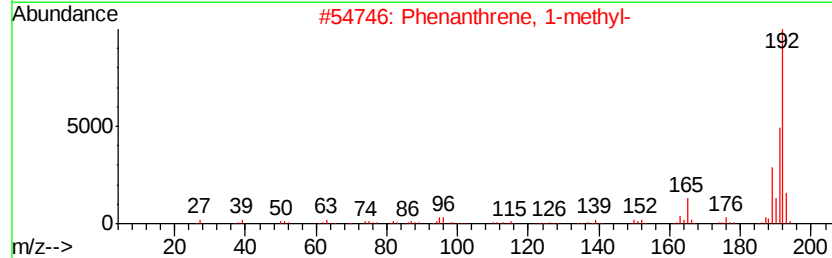
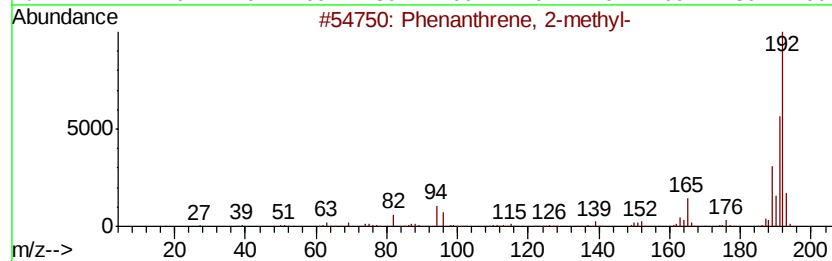
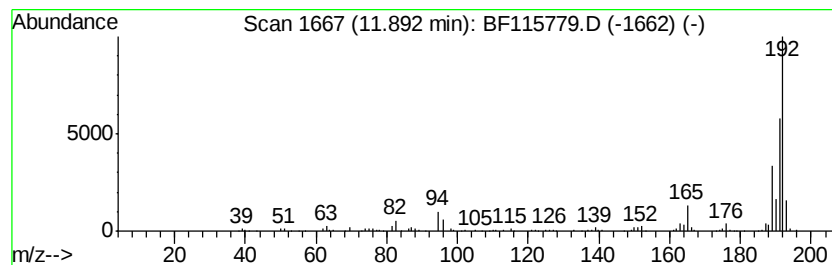
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	5.15 ng	301021	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115779.D
Acq On : 26 Jul 2019 00:53
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ClientSampleId :
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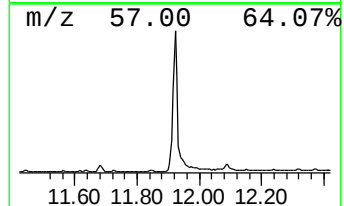
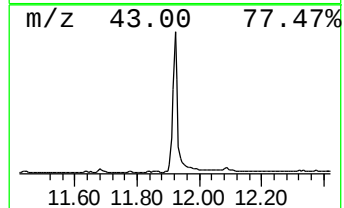
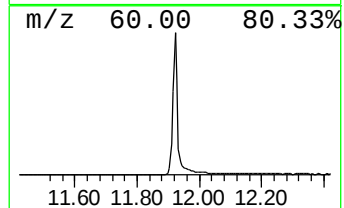
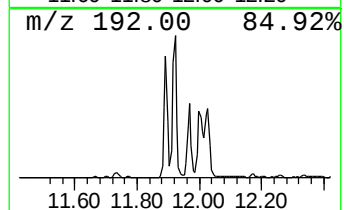
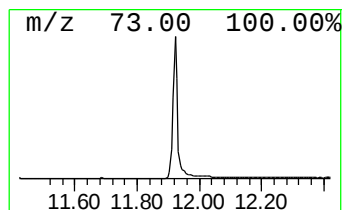
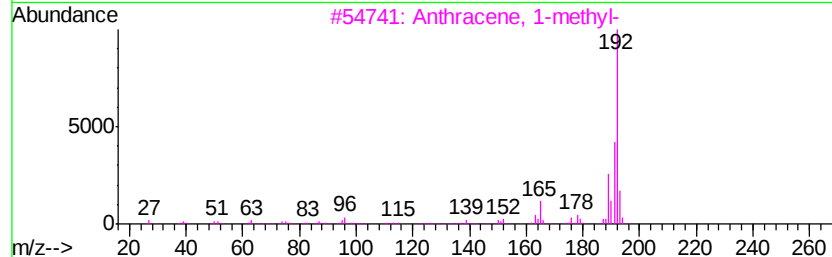
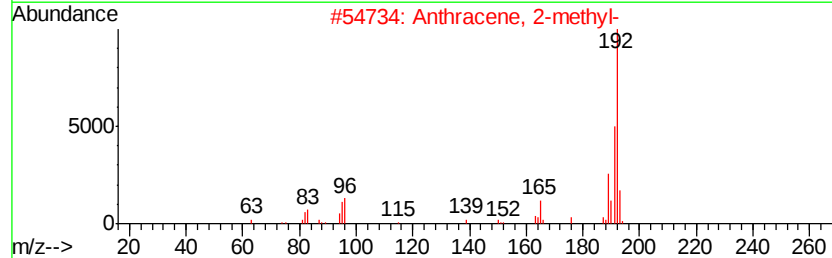
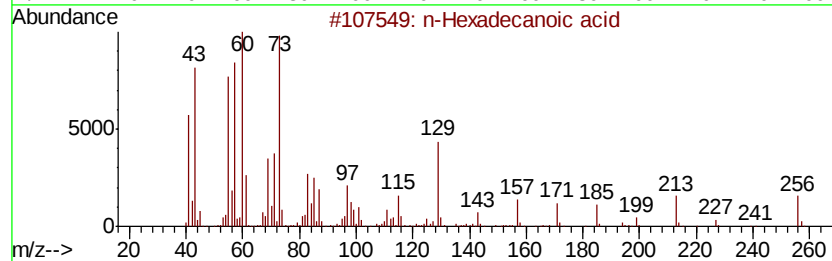
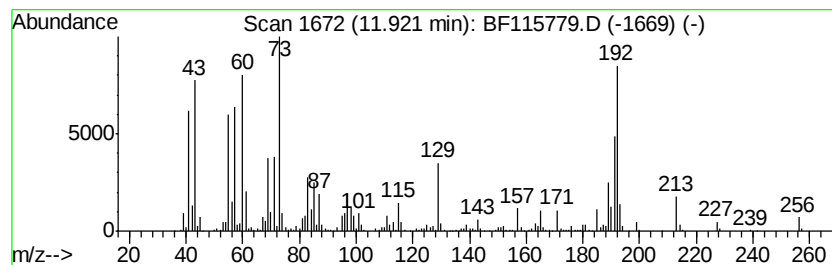
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	29.24 ng	1708150	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115779.D
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Sample : K3983-05
Misc :
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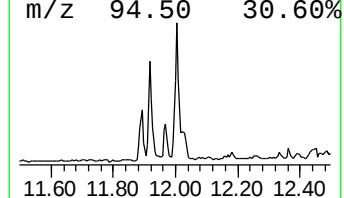
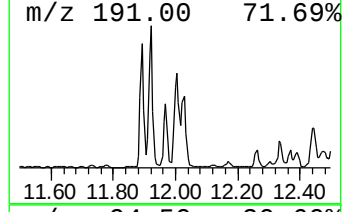
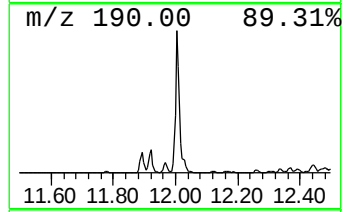
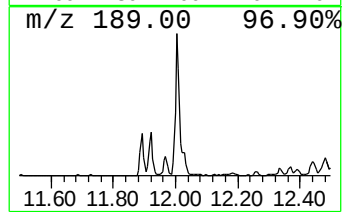
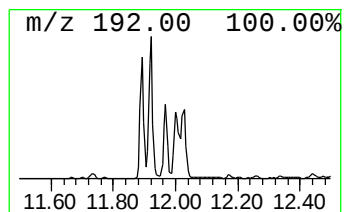
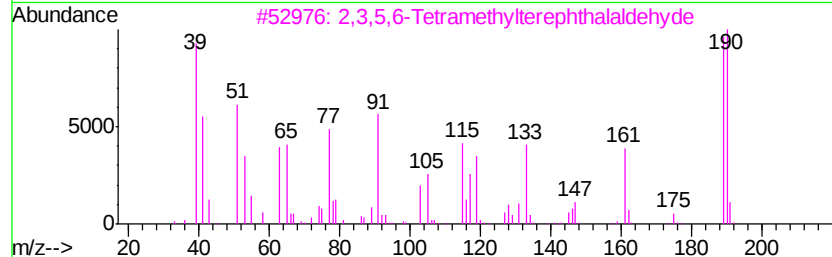
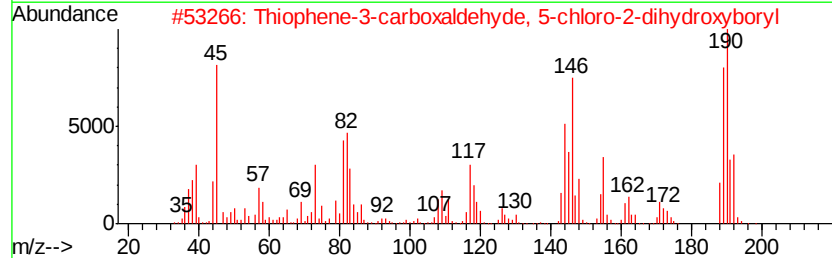
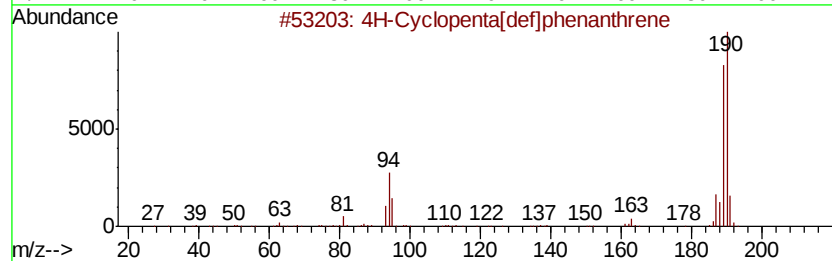
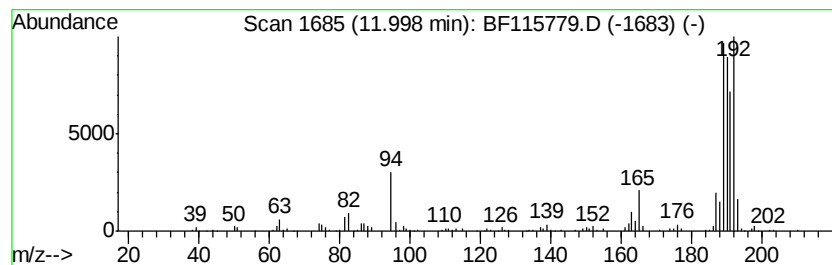
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.00	8.90 ng	519839	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115779.D
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Misc :
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Instrument :
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ClientSampleId :
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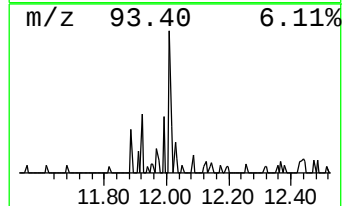
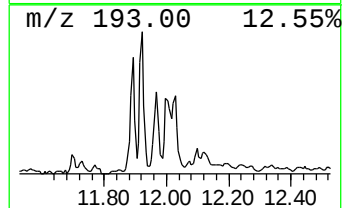
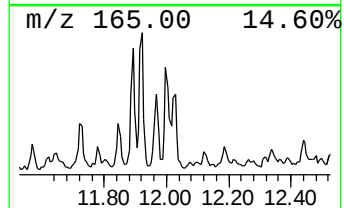
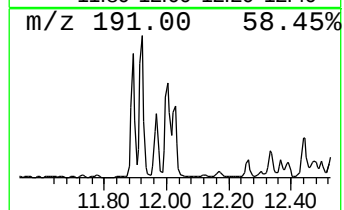
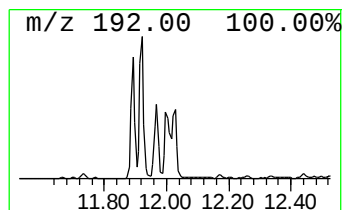
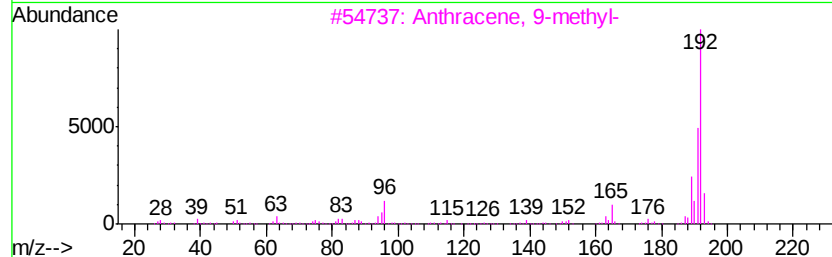
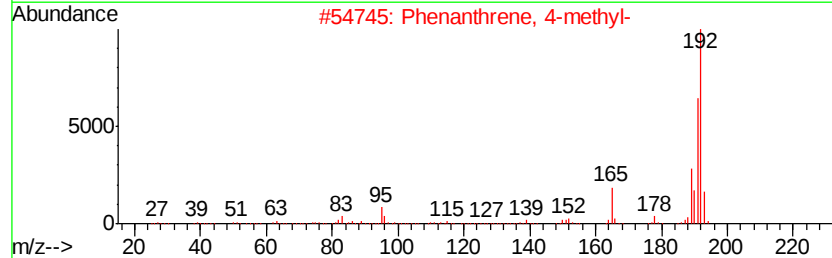
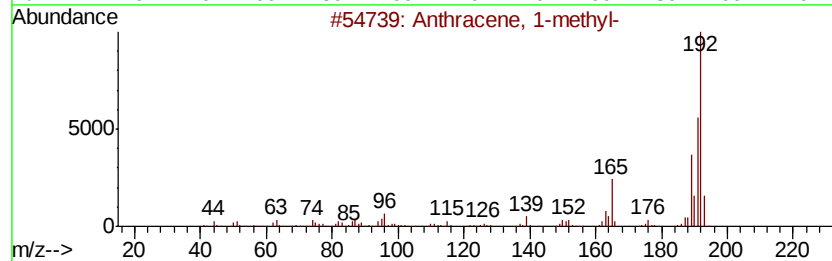
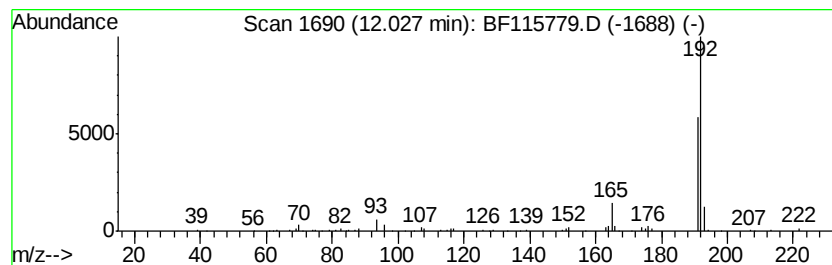
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.95 ng	172588	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87



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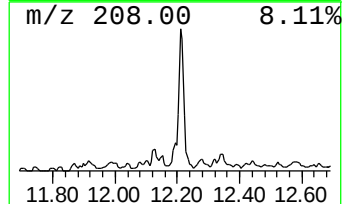
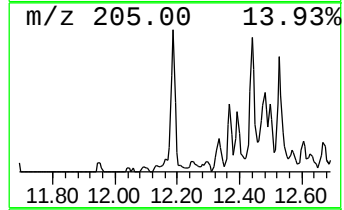
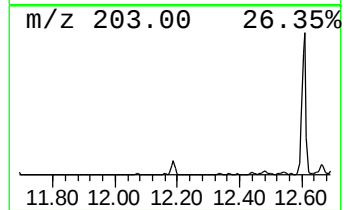
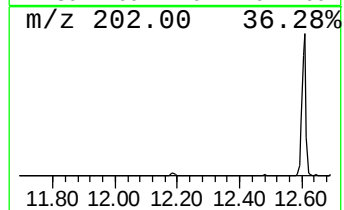
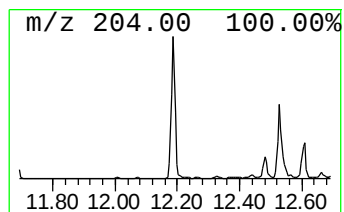
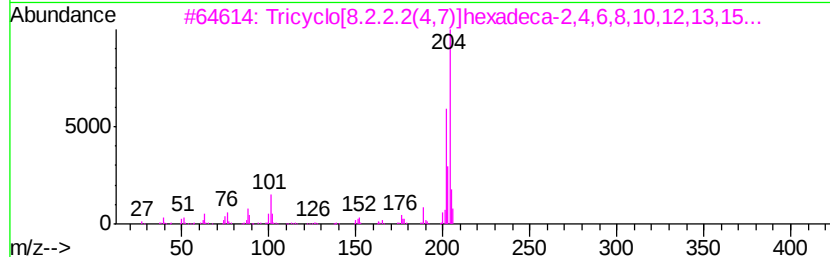
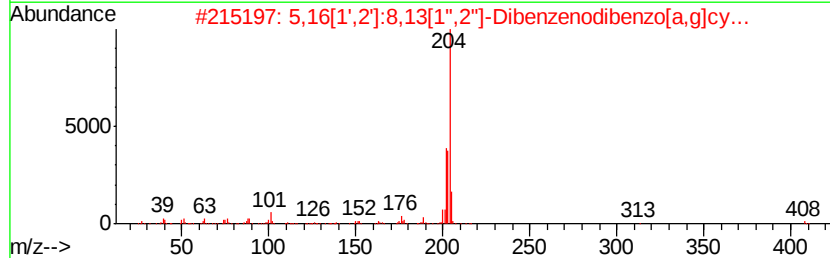
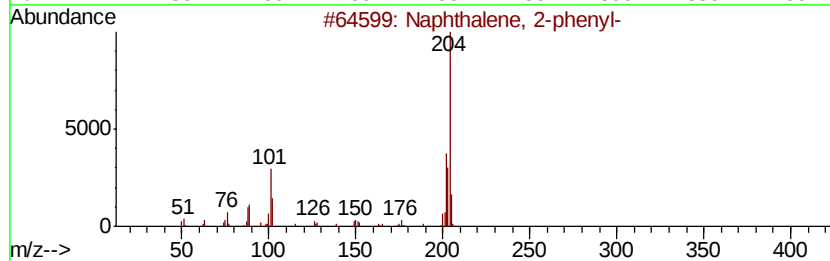
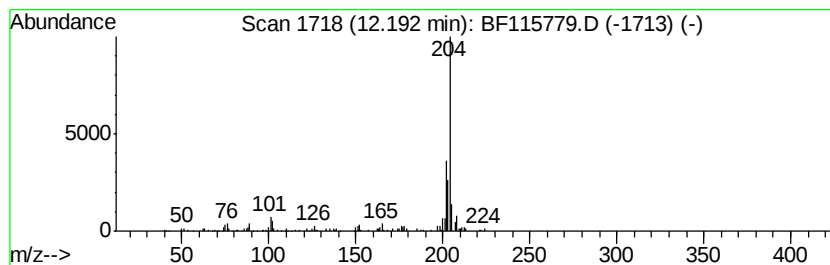
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	3.26 ng	190501	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
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	81
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50



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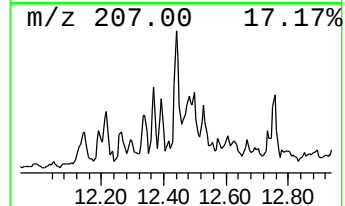
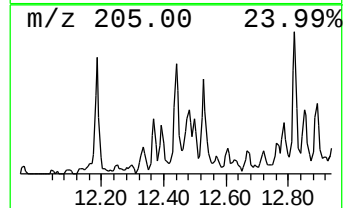
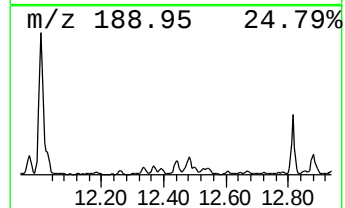
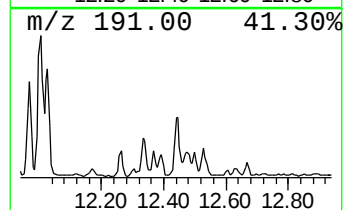
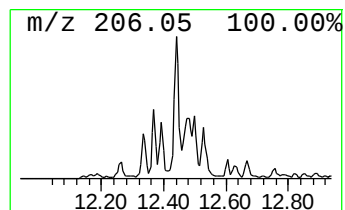
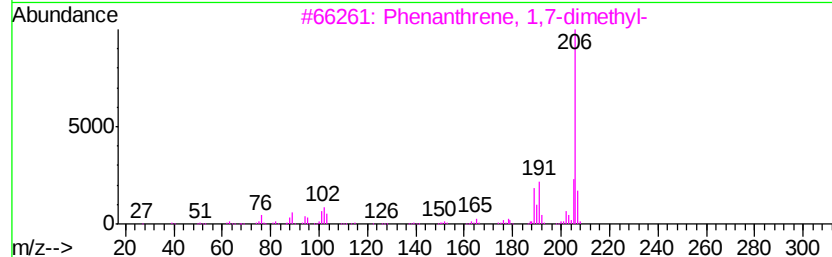
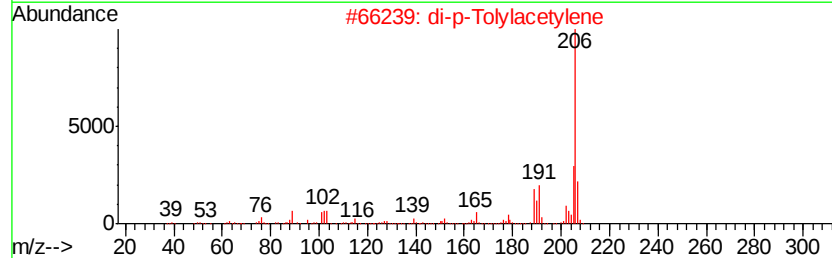
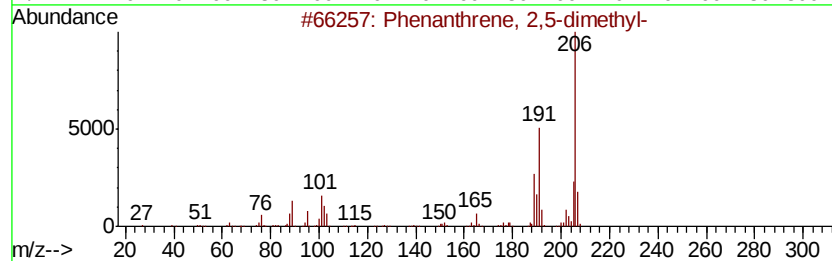
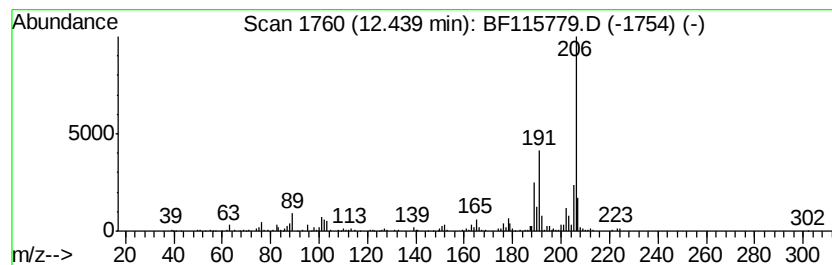
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.72 ng	217066	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, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115779.D
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ClientSampleId :
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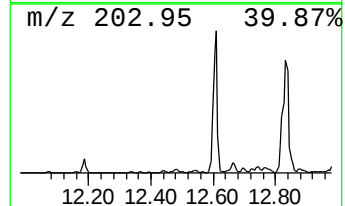
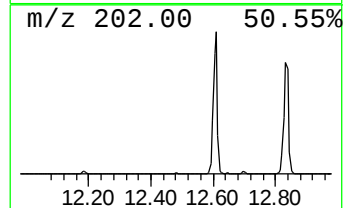
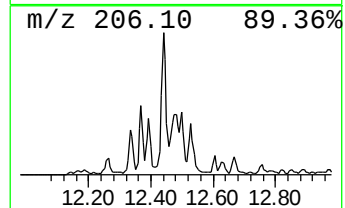
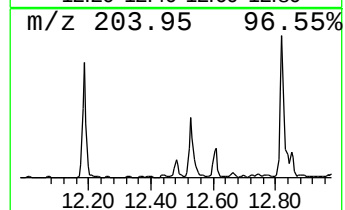
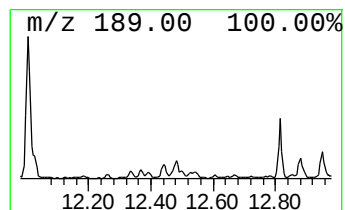
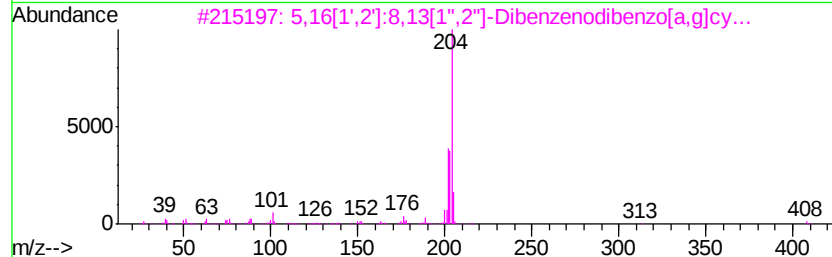
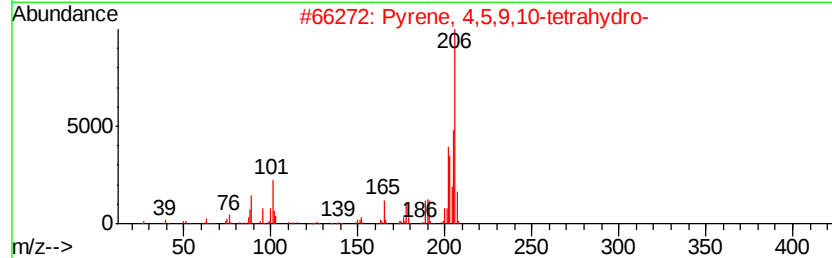
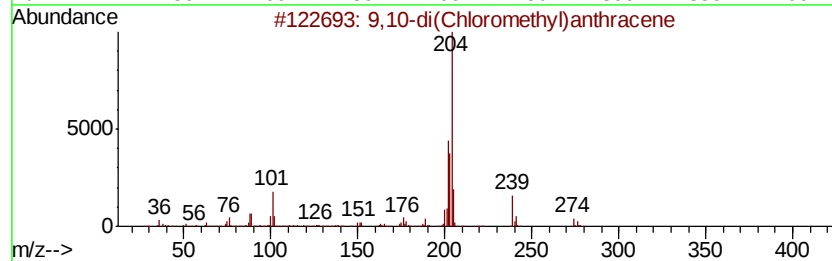
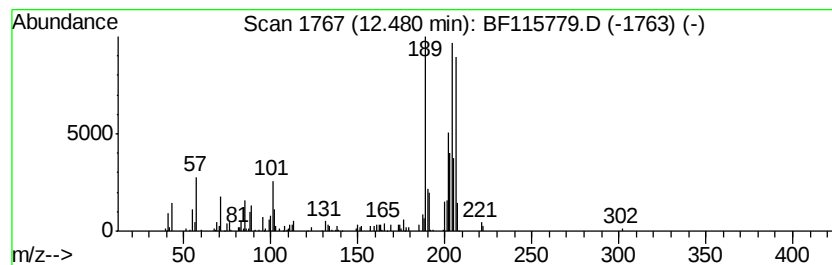
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.48 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.89 ng	168586	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38		
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35		
3	5,16[1',2'l:8,13[1'',2'l]-Dibenz...	408	C32H24	005672-97-9	27		
4	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	27		
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	25		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115779.D
Acq On : 26 Jul 2019 00:53
Operator : HP/JU
Sample : K3983-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-5

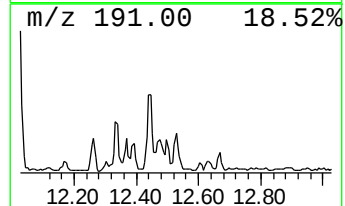
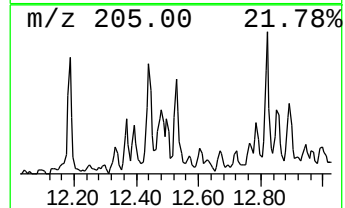
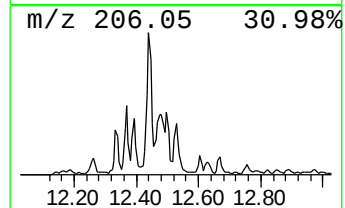
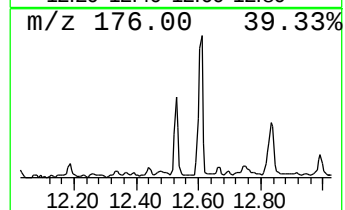
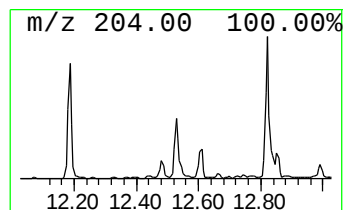
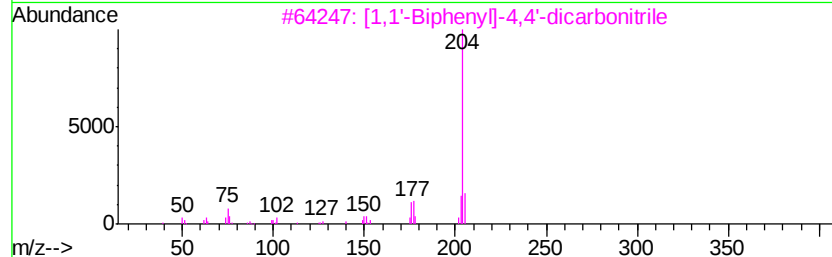
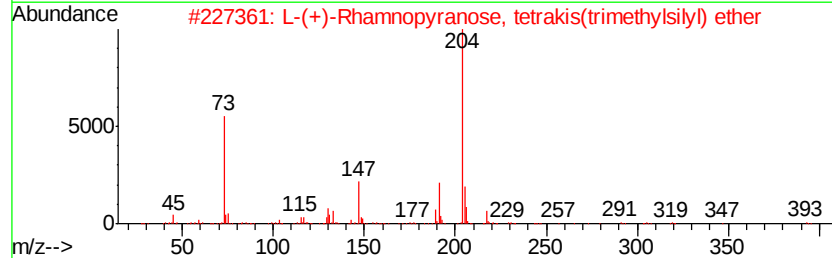
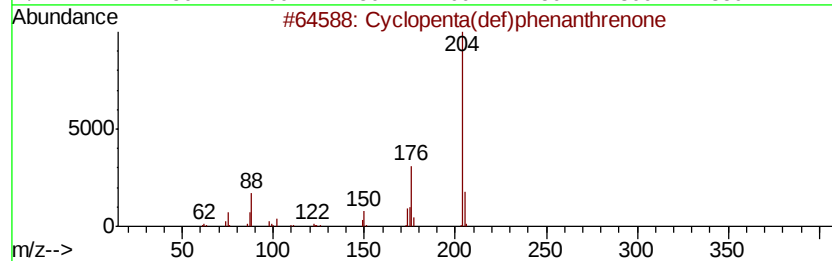
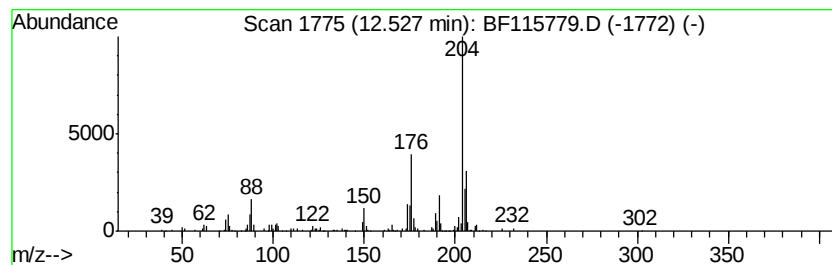
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.96 ng	173005	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	47
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115779.D
Acq On : 26 Jul 2019 00:53
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Sample : K3983-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

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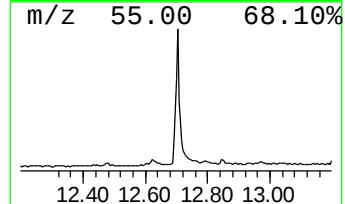
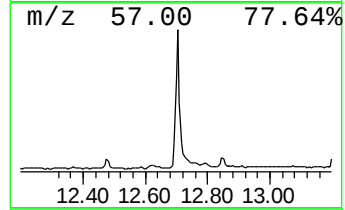
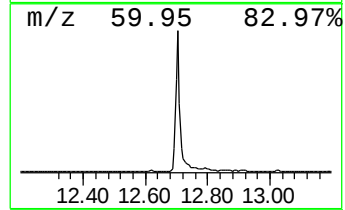
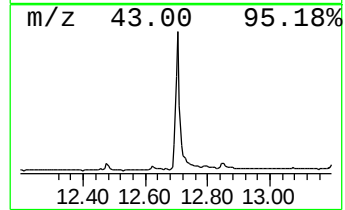
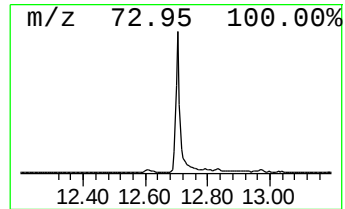
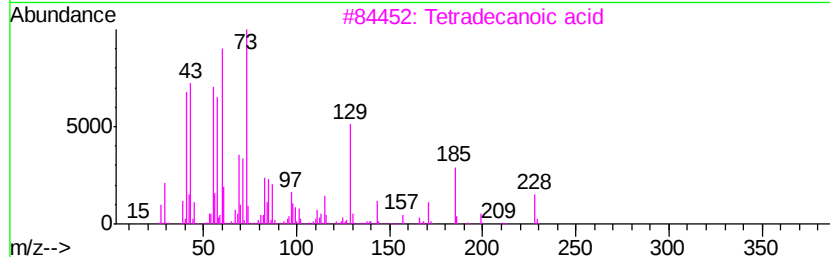
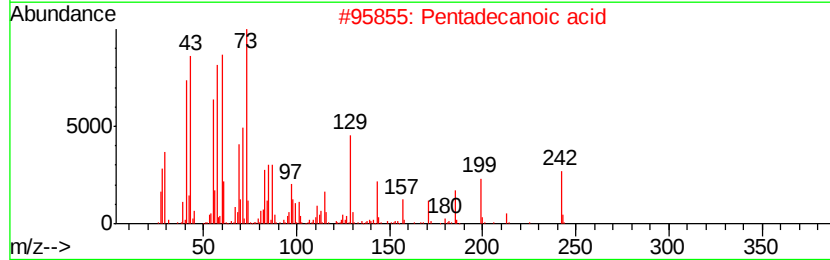
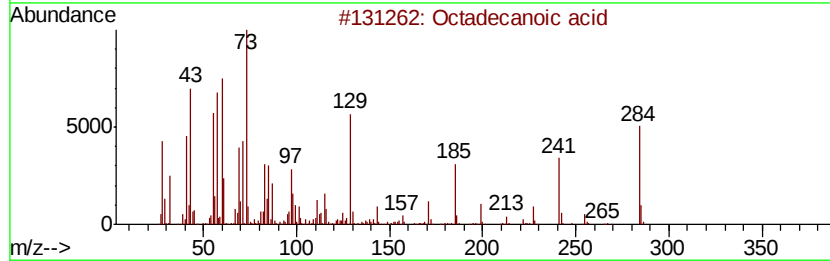
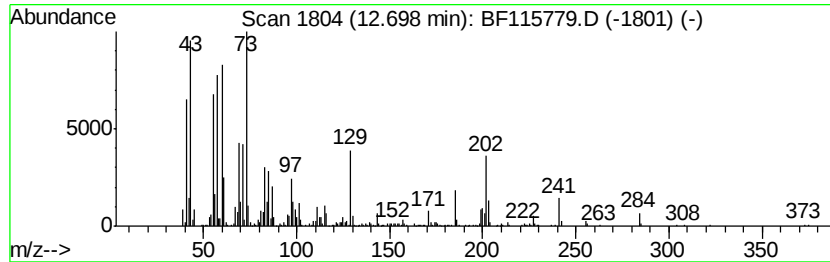
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	18.08 ng	1056500	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			n-Decanoic acid	172	C10H20O2	000334-48-5	62
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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Sample : K3983-05
Misc :
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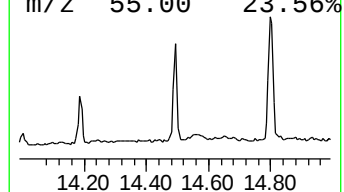
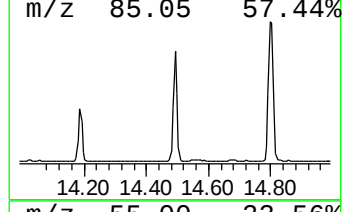
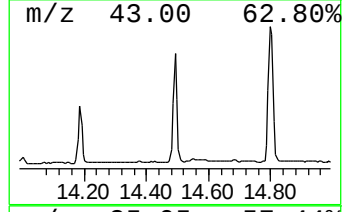
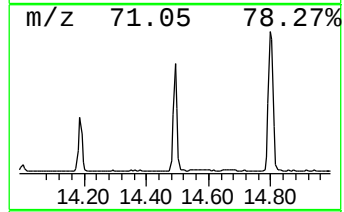
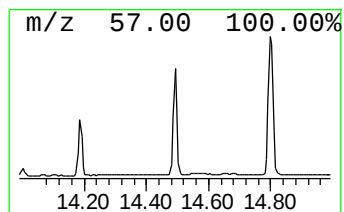
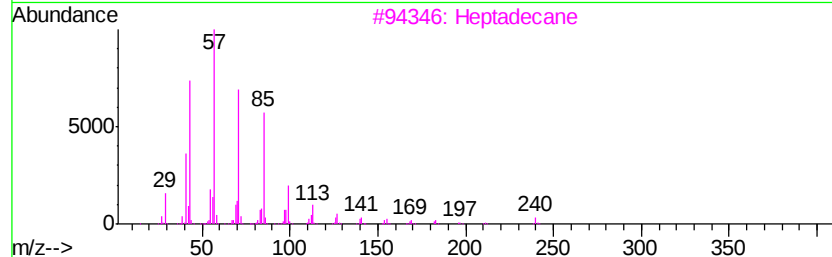
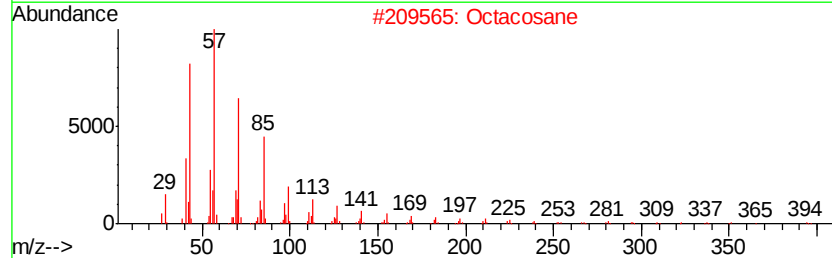
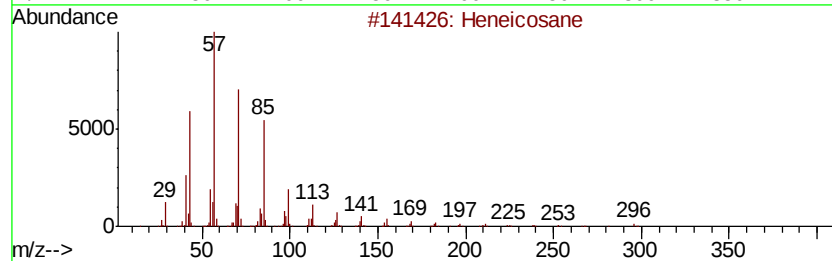
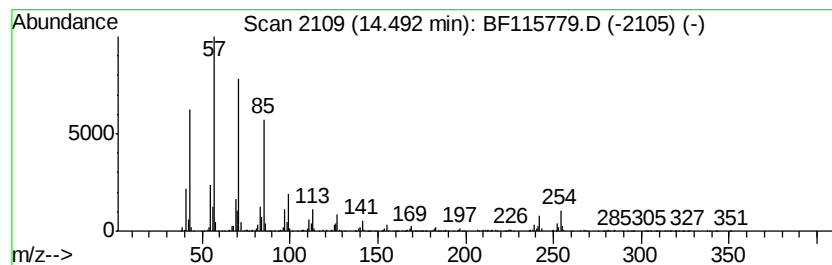
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	5.21 ng	765557	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	87
2	Octacosane	394 C28H58	000630-02-4	83
3	Heptadecane	240 C17H36	000629-78-7	83
4	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	83
5	Octadecane	254 C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115779.D
Acq On : 26 Jul 2019 00:53
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Sample : K3983-05
Misc :
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ClientSampleId :
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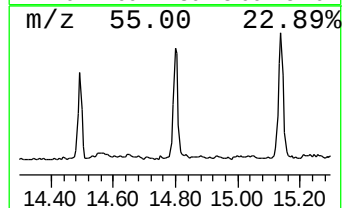
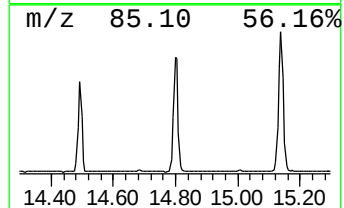
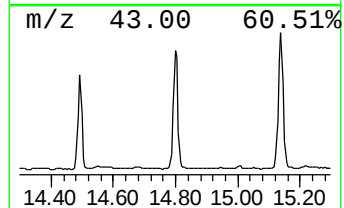
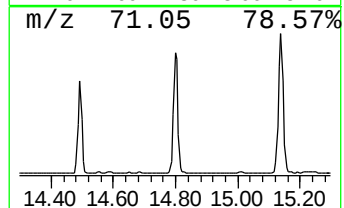
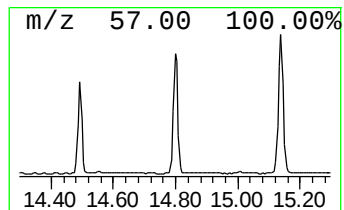
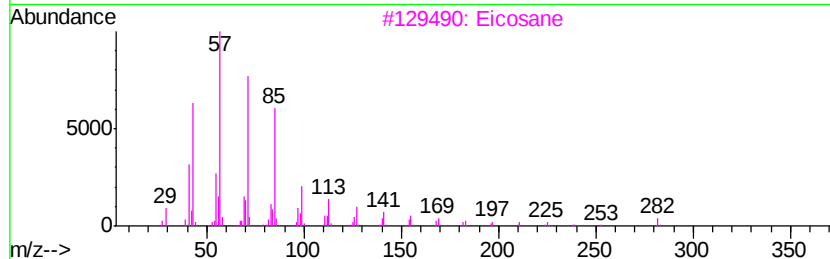
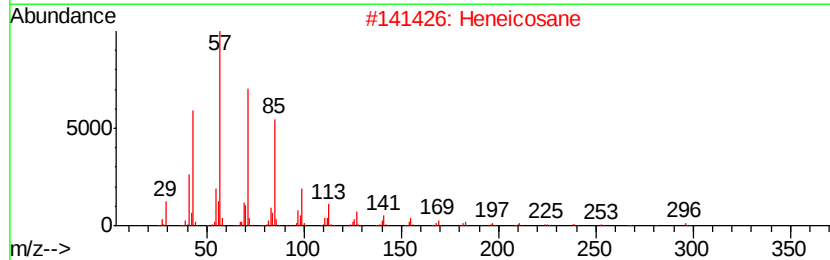
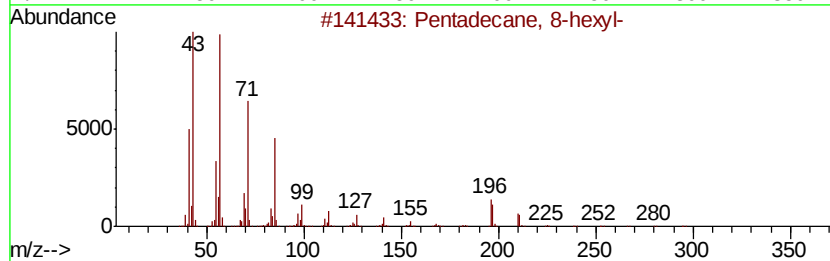
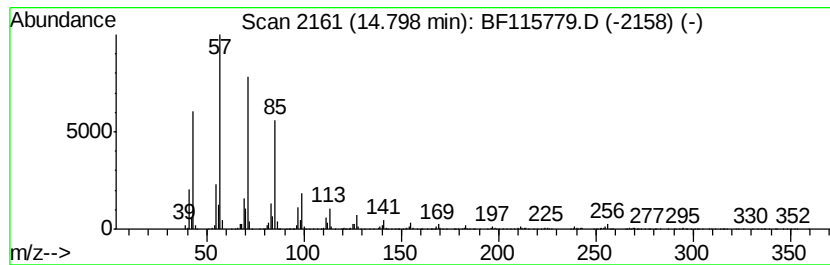
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.52 ng	971040	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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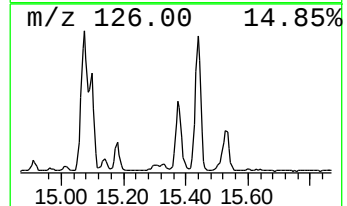
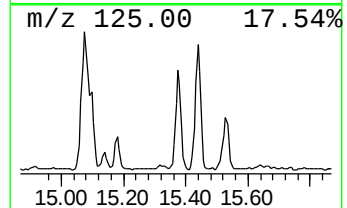
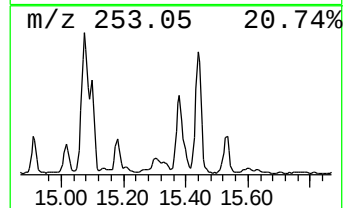
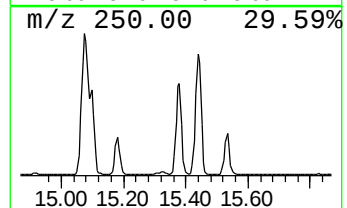
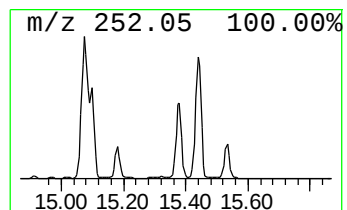
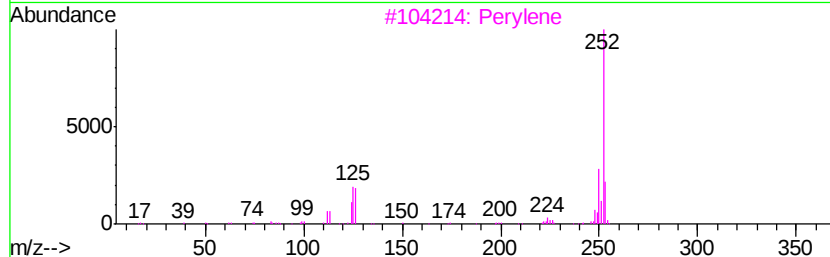
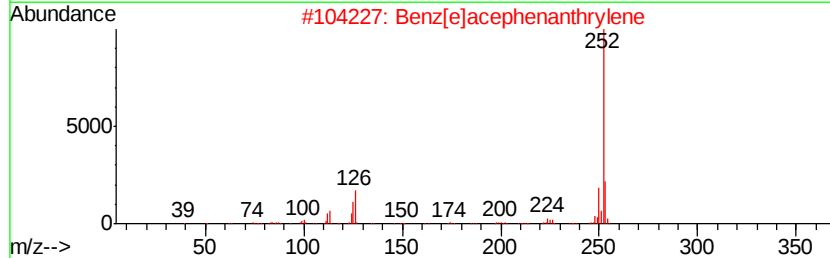
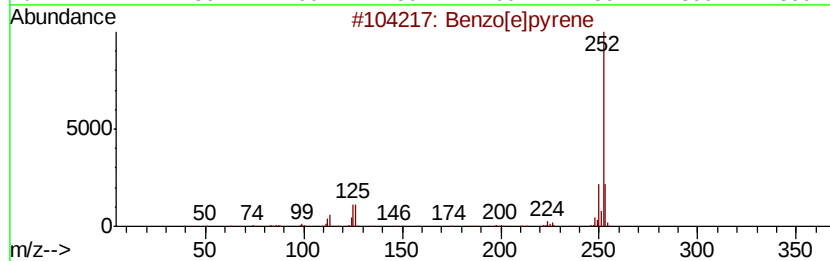
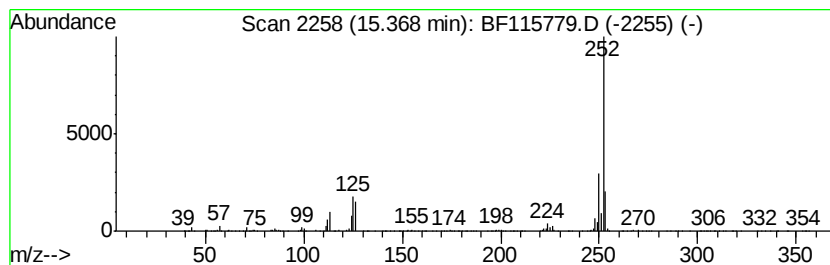
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	6.98 ng	900354	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[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



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Data File : BF115779.D
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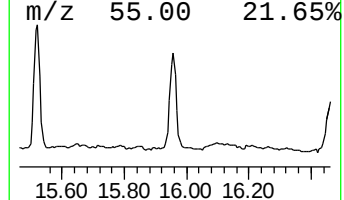
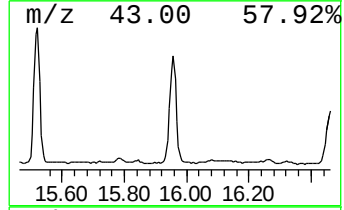
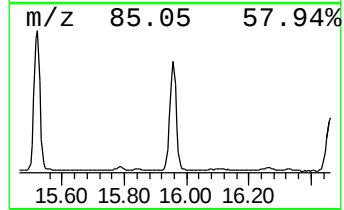
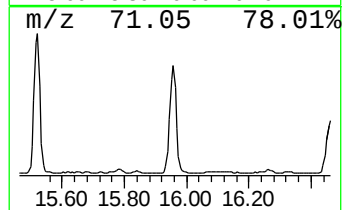
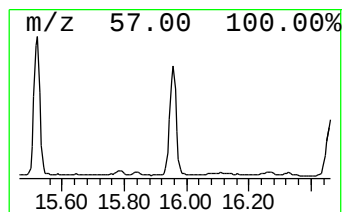
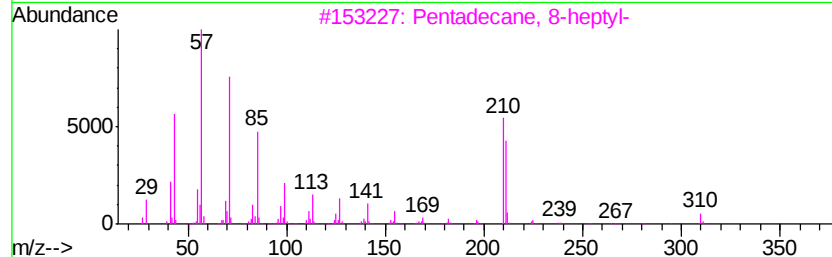
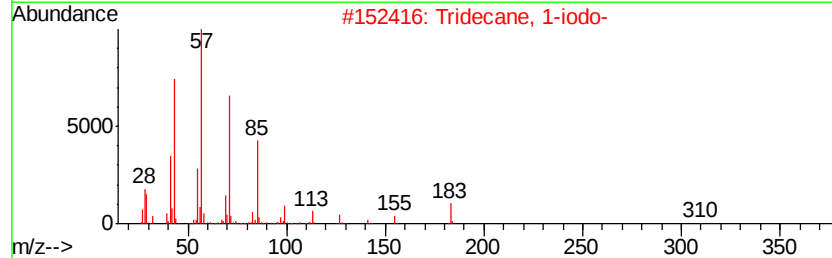
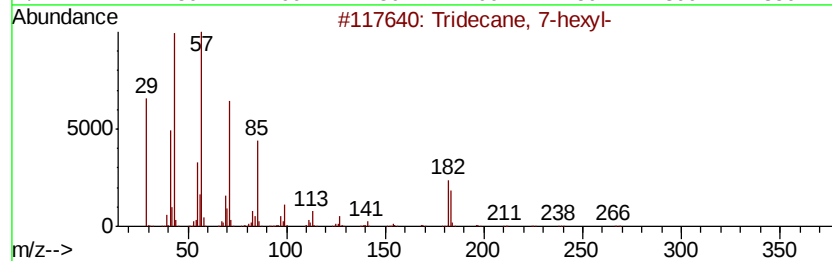
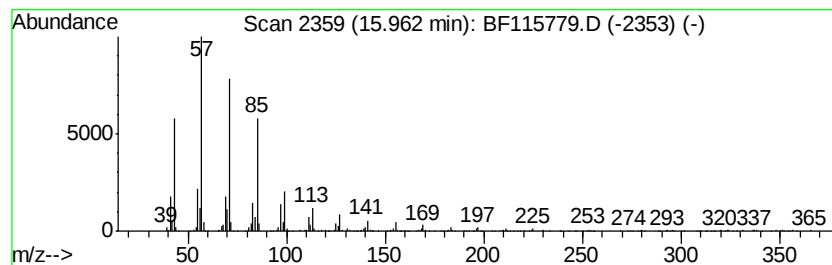
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	8.36 ng	1079200	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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 Sample : K3983-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

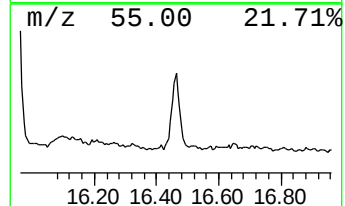
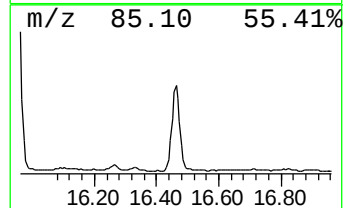
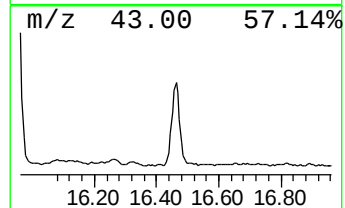
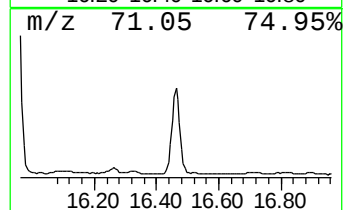
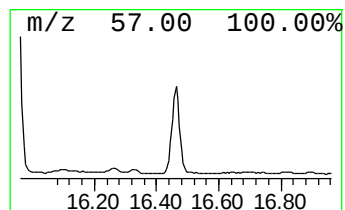
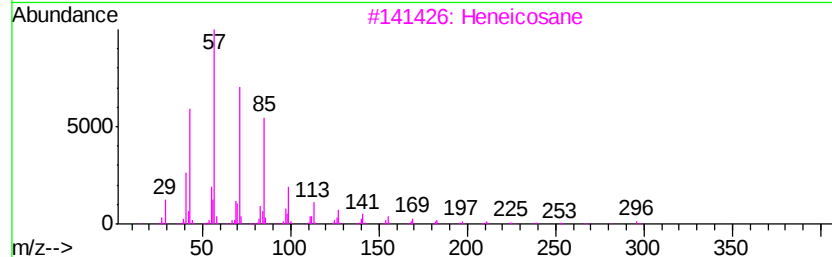
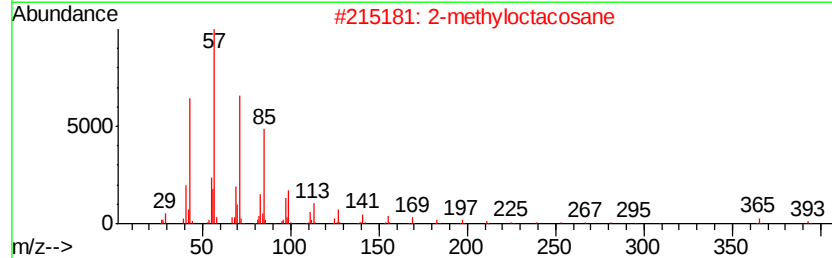
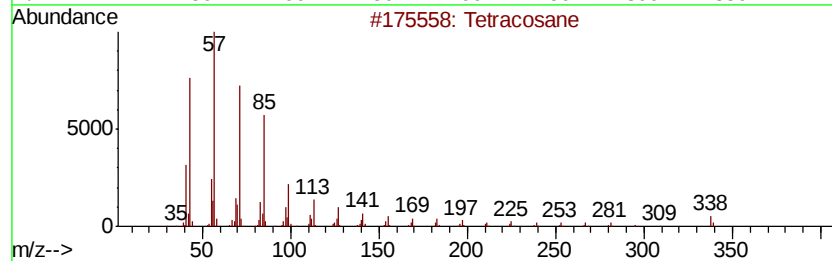
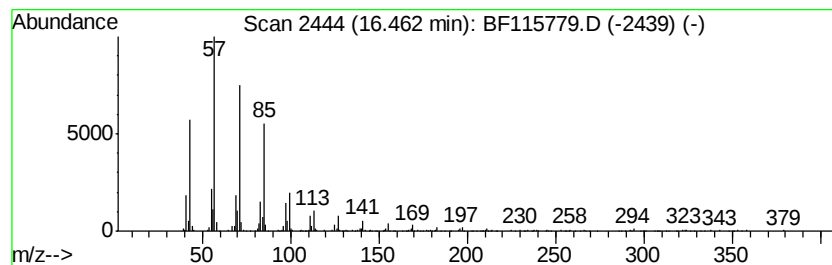
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 20 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	4.59 ng	593000	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	94
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
 Data File : BF115779.D
 Acq On : 26 Jul 2019 00:53
 Operator : HP/JU
 Sample : K3983-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

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...	2.16	20.9	ng	854870	1	6.87	819987	20.0
unknown6.65	6.65	80.3	ng	3291680	1	6.87	819987	20.0
(3-Methylphenyl) ...	10.35	2.6	ng	152335	3	9.90	1153750	20.0
Phenanthrene, 2-m...	11.89	5.2	ng	301021	4	11.39	1168390	20.0
n-Hexadecanoic acid	11.92	29.2	ng	1708150	4	11.39	1168390	20.0
4H-Cyclopenta[def...	12.00	8.9	ng	519839	4	11.39	1168390	20.0
Anthracene, 1-met...	12.03	3.0	ng	172588	4	11.39	1168390	20.0
Naphthalene, 2-ph...	12.19	3.3	ng	190501	4	11.39	1168390	20.0
Phenanthrene, 2,5...	12.44	3.7	ng	217066	4	11.39	1168390	20.0
unknown12.48	12.48	2.9	ng	168586	4	11.39	1168390	20.0
Cyclopenta(def)ph...	12.53	3.0	ng	173005	4	11.39	1168390	20.0
Octadecanoic acid	12.70	18.1	ng	1056500	4	11.39	1168390	20.0
Heneicosane	14.49	5.2	ng	765557	5	14.03	2941230	20.0
Pentadecane, 8-he...	14.80	7.5	ng	971040	6	15.50	2581280	20.0
Benzo[e]pyrene	15.37	7.0	ng	900354	6	15.50	2581280	20.0
Tridecane, 7-hexyl-	15.96	8.4	ng	1079200	6	15.50	2581280	20.0
Tetracosane	16.46	4.6	ng	593000	6	15.50	2581280	20.0