

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082819\
 Data File : BF116639.D
 Acq On : 29 Aug 2019 2:24
 Operator : HP/JU
 Sample : K4543-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

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-BF082819.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	2.128	3	7	15	rVB	455556	579807	26.73%	1.716%
2	5.487	573	578	581	rBV	1934641	1768805	81.54%	5.234%
3	6.492	744	749	754	rBV	2196361	2169177	100.00%	6.419%
4	6.634	769	773	776	rBV	2237526	1978760	91.22%	5.855%
5	6.863	809	812	816	rBV	541048	429766	19.81%	1.272%
6	7.022	835	839	842	rBV	1804091	1409208	64.97%	4.170%
7	7.422	902	907	910	rBV	1206509	1043968	48.13%	3.089%
8	8.145	1026	1030	1032	rBV	710373	571621	26.35%	1.692%
9	8.857	1145	1151	1154	rBV	83335	68097	3.14%	0.202%
10	8.951	1164	1167	1171	rVB	93145	78108	3.60%	0.231%
11	9.216	1208	1212	1215	rBV	2037934	1634500	75.35%	4.837%
12	9.480	1253	1257	1261	rBB2	33834	42761	1.97%	0.127%
13	9.557	1266	1270	1272	rVV	76211	70216	3.24%	0.208%
14	9.604	1276	1278	1283	rVV	191244	152483	7.03%	0.451%
15	9.757	1298	1304	1307	rBV	66428	53307	2.46%	0.158%
16	9.898	1324	1328	1330	rVV	490488	398069	18.35%	1.178%
17	9.928	1330	1333	1336	rVB	267571	198111	9.13%	0.586%
18	10.098	1358	1362	1365	rVB	173178	135078	6.23%	0.400%
19	10.439	1417	1420	1426	rVB	286120	245168	11.30%	0.725%
20	10.598	1445	1447	1451	rVB	91476	71139	3.28%	0.211%
21	10.680	1457	1461	1465	rBV	1008946	848874	39.13%	2.512%
22	10.804	1474	1482	1489	rBV4	39883	51736	2.39%	0.153%
23	10.986	1505	1513	1516	rBV3	66586	88559	4.08%	0.262%
24	11.116	1530	1535	1537	rVV3	45122	50259	2.32%	0.149%
25	11.139	1537	1539	1543	rVV	49406	52914	2.44%	0.157%
26	11.180	1543	1546	1551	rVV	107875	97097	4.48%	0.287%
27	11.227	1551	1554	1557	rVV	46646	55220	2.55%	0.163%
28	11.274	1559	1562	1568	rVB	129357	117234	5.40%	0.347%
29	11.380	1576	1580	1581	rBV	399542	372781	17.19%	1.103%
30	11.410	1581	1585	1588	rVV	2179886	1974543	91.03%	5.843%
31	11.451	1588	1592	1595	rVV	493250	459452	21.18%	1.360%
32	11.598	1612	1617	1620	rBV2	81734	97870	4.51%	0.290%
33	11.674	1627	1630	1632	rBV	61549	46611	2.15%	0.138%
34	11.710	1632	1636	1641	rVB3	45375	49811	2.30%	0.147%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.880	1659	1665	1667	rBV	199557	203218	9.37%	0.601%
36	11.904	1667	1669	1673	rVV	445803	363896	16.78%	1.077%
37	11.951	1674	1677	1680	rVV	114711	99538	4.59%	0.295%
38	11.992	1680	1684	1686	rVV	337515	348537	16.07%	1.031%
39	12.010	1686	1687	1691	rVB	130554	95840	4.42%	0.284%
40	12.174	1711	1715	1716	rBV	148527	138514	6.39%	0.410%
41	12.192	1716	1718	1722	rVB	145769	114442	5.28%	0.339%
42	12.321	1734	1740	1742	rBV2	49815	54335	2.50%	0.161%
43	12.427	1752	1758	1761	rBV	99718	115195	5.31%	0.341%
44	12.469	1761	1765	1767	rVV2	76669	94386	4.35%	0.279%
45	12.510	1769	1772	1777	rVB2	80069	89236	4.11%	0.264%
46	12.592	1781	1786	1789	rBV	1917869	1930396	88.99%	5.712%
47	12.680	1798	1801	1804	rBV2	70602	67308	3.10%	0.199%
48	12.739	1809	1811	1815	rVV	61977	57711	2.66%	0.171%
49	12.821	1819	1825	1828	rBV	1590533	1751738	80.76%	5.184%
50	12.863	1830	1832	1837	rVB2	69567	75622	3.49%	0.224%
51	12.933	1840	1844	1845	rBV	99606	86215	3.97%	0.255%
52	12.957	1845	1848	1855	rVB	1059325	948316	43.72%	2.806%
53	13.033	1855	1861	1864	rBV4	95142	161729	7.46%	0.479%
54	13.121	1873	1876	1877	rBV2	59340	64414	2.97%	0.191%
55	13.139	1877	1879	1882	rVB	188686	179054	8.25%	0.530%
56	13.210	1886	1891	1893	rBV2	119381	123427	5.69%	0.365%
57	13.245	1893	1897	1900	rBV2	140052	146271	6.74%	0.433%
58	13.339	1910	1913	1915	rVB	60062	46376	2.14%	0.137%
59	13.368	1915	1918	1921	rBV2	66804	68325	3.15%	0.202%
60	13.445	1928	1931	1935	rVB4	33929	41695	1.92%	0.123%
61	13.539	1944	1947	1949	rVB2	47255	44090	2.03%	0.130%
62	13.645	1962	1965	1970	rVB	117338	120620	5.56%	0.357%
63	13.757	1980	1984	1987	rBV2	122304	164497	7.58%	0.487%
64	13.786	1987	1989	1991	rVV	116367	103825	4.79%	0.307%
65	13.810	1991	1993	1997	rVV2	103491	144658	6.67%	0.428%
66	13.851	1997	2000	2008	rVB3	309023	365516	16.85%	1.082%
67	14.004	2019	2026	2029	rBV3	920115	1216719	56.09%	3.600%
68	14.039	2029	2032	2037	rVB	701624	655545	30.22%	1.940%
69	14.115	2043	2045	2048	rVB	104908	74005	3.41%	0.219%
70	14.180	2052	2056	2061	rVB4	74579	136255	6.28%	0.403%
71	14.227	2061	2064	2068	rBV2	80772	95707	4.41%	0.283%

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72	14.392	2089	2092	2095	rVV	113257	123354	5.69%	0.365%
73	14.427	2095	2098	2102	rVV	72559	69696	3.21%	0.206%
74	14.486	2105	2108	2111	rVV2	120266	135131	6.23%	0.400%
75	14.515	2111	2113	2115	rVV	66080	68145	3.14%	0.202%
76	14.539	2115	2117	2121	rVB3	65608	60291	2.78%	0.178%
77	14.586	2121	2125	2129	rBV3	52117	86060	3.97%	0.255%
78	14.692	2141	2143	2147	rBV3	29968	42497	1.96%	0.126%
79	14.786	2156	2159	2162	rBV3	68156	65182	3.00%	0.193%
80	15.051	2199	2204	2207	rBV	502515	851377	39.25%	2.519%
81	15.127	2213	2217	2219	rBV	83702	108862	5.02%	0.322%
82	15.151	2219	2221	2227	rVB	126454	145225	6.69%	0.430%
83	15.345	2250	2254	2260	rVB	279340	386730	17.83%	1.144%
84	15.410	2260	2265	2271	rBV	437249	531074	24.48%	1.572%
85	15.468	2271	2275	2278	rVV	250999	332202	15.31%	0.983%
86	15.504	2278	2281	2288	rVB2	191247	259553	11.97%	0.768%
87	15.939	2352	2355	2360	rVB2	54400	74101	3.42%	0.219%
88	16.392	2430	2432	2436	rBV5	45977	70359	3.24%	0.208%
89	16.445	2437	2441	2445	rVV	102528	137511	6.34%	0.407%
90	16.480	2445	2447	2450	rBV3	77160	97881	4.51%	0.290%
91	16.621	2466	2471	2481	rVB8	121597	323766	14.93%	0.958%
92	16.739	2487	2491	2492	rBV	84163	106467	4.91%	0.315%
93	16.927	2517	2523	2534	rVB2	309367	657005	30.29%	1.944%
94	17.156	2558	2562	2567	rBV3	58661	110549	5.10%	0.327%
95	17.209	2568	2571	2575	rBV4	84309	136600	6.30%	0.404%
96	17.362	2592	2597	2606	rVB	216004	408097	18.81%	1.208%
97	17.962	2698	2699	2707	rVB7	48762	72604	3.35%	0.215%
98	18.033	2709	2711	2718	rVB7	59454	83219	3.84%	0.246%
99	18.098	2718	2722	2728	rBV8	41188	85683	3.95%	0.254%
100	18.221	2739	2743	2744	rBV3	70757	116001	5.35%	0.343%

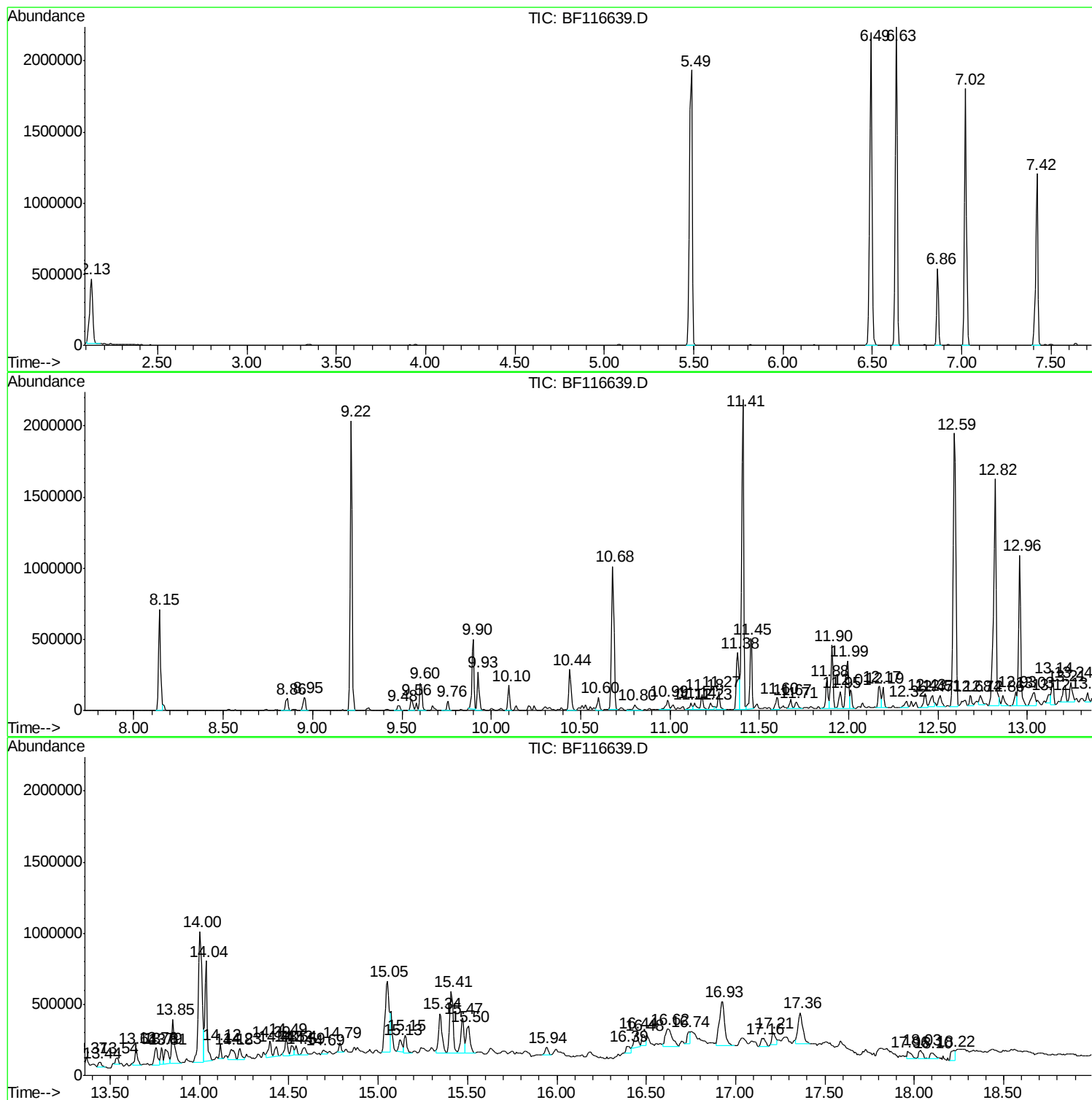
Sum of corrected areas: 33793503

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.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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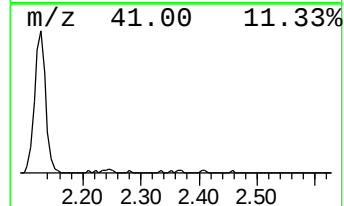
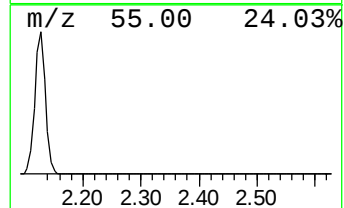
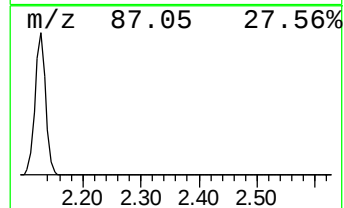
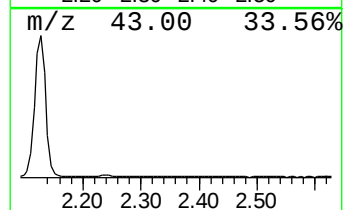
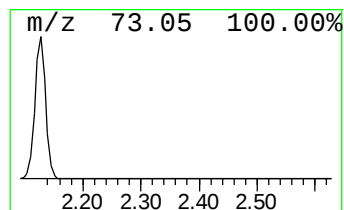
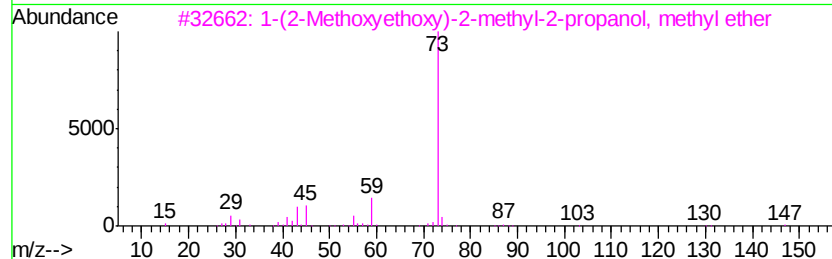
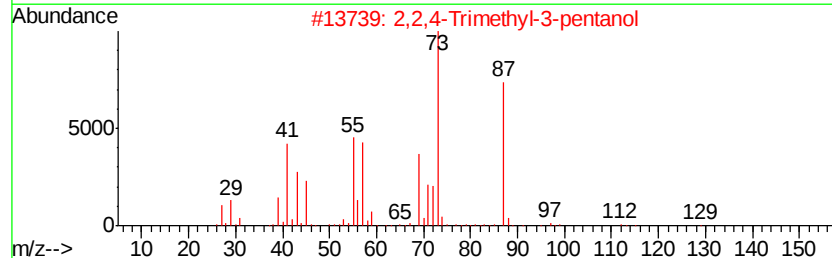
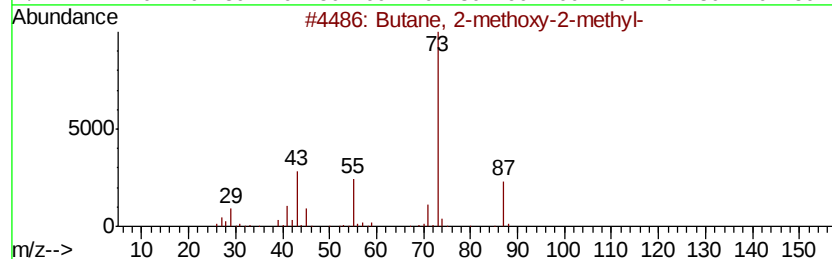
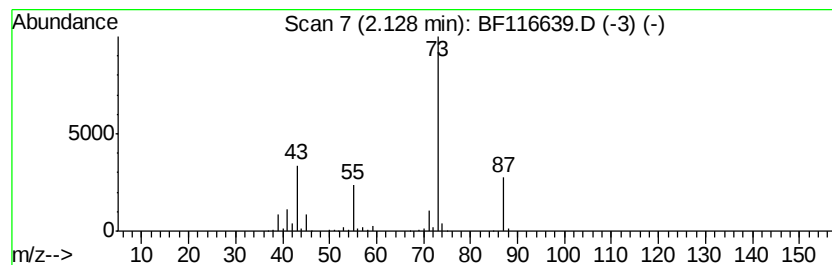
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.13	26.98 ng	579807	1,4-Dichlorobenzene-d4	6.86

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-(2-Methoxyethoxy)-2-methyl-2-propanol	162	C8H18O3	1000364-24-4	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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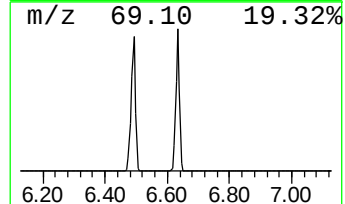
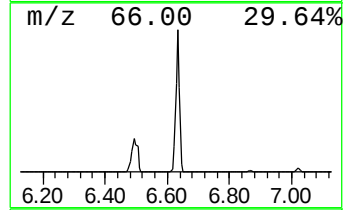
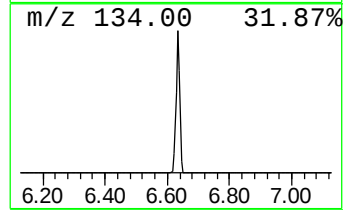
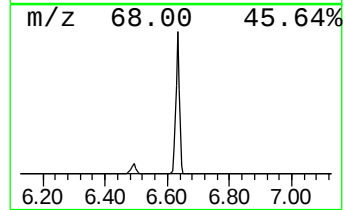
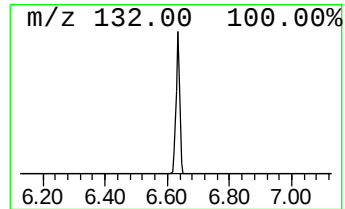
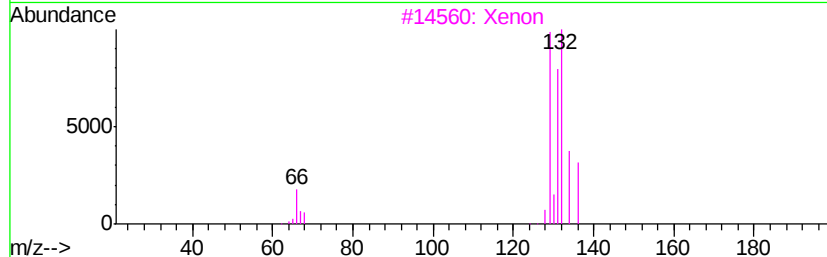
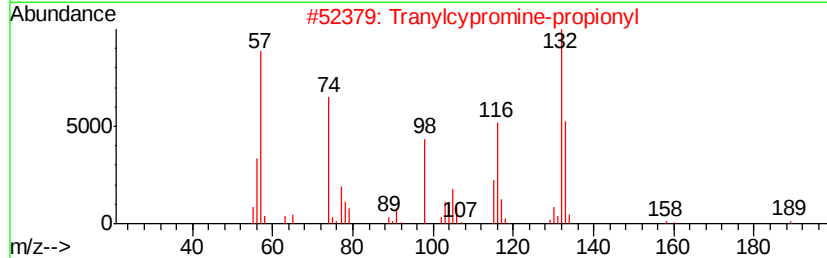
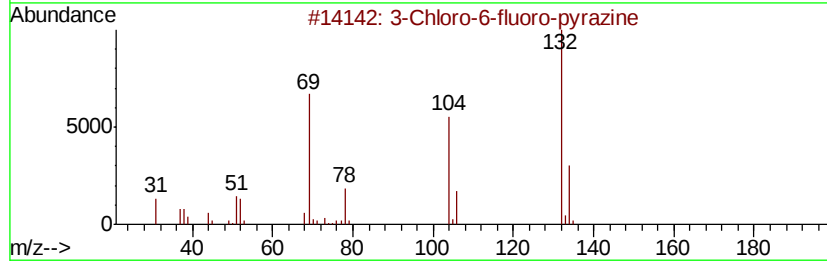
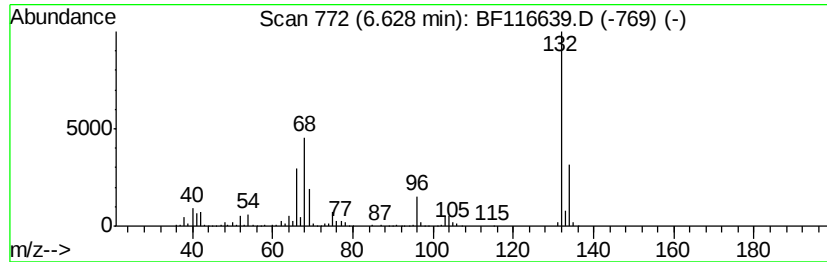
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	92.09 ng	1978760	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranvlcypropromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Xenon	132	Xe	007440-63-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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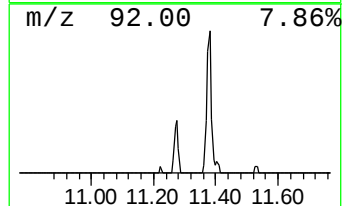
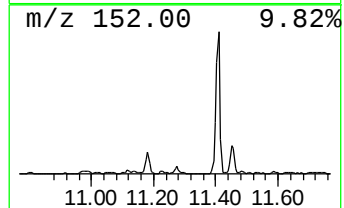
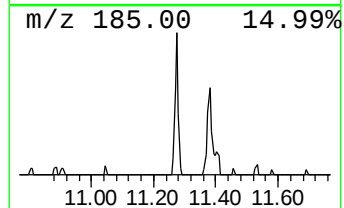
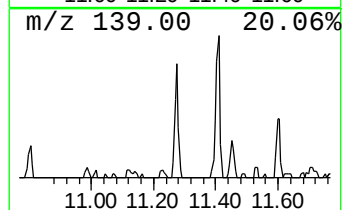
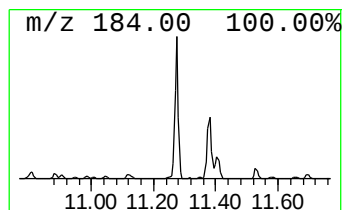
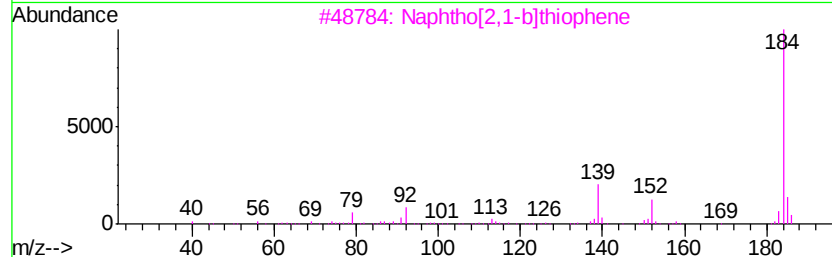
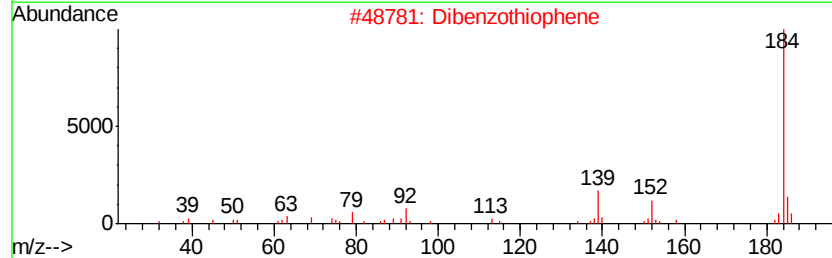
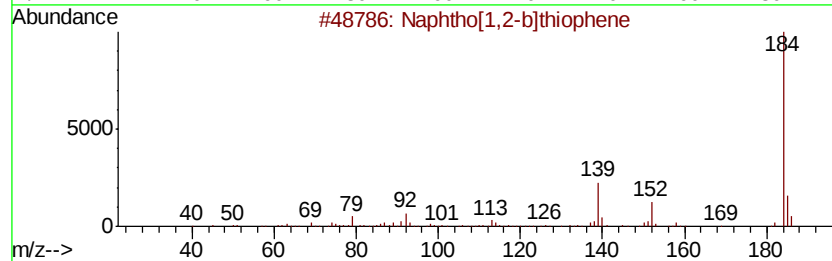
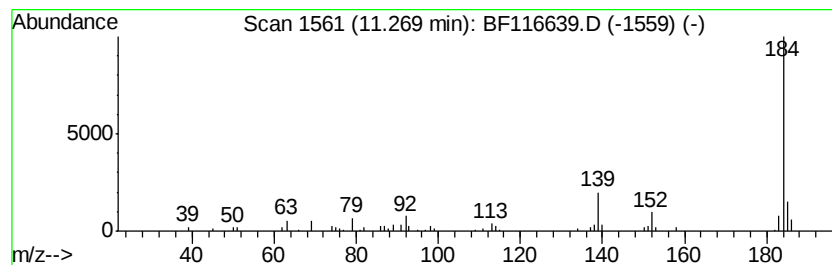
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	6.29 ng	117234	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	97
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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Acq On : 29 Aug 2019 2:24
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Sample : K4543-03
Misc :
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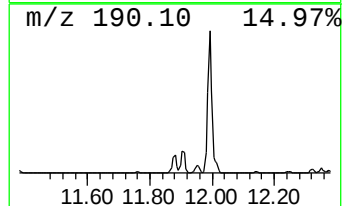
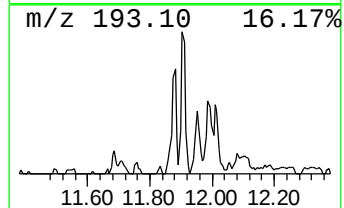
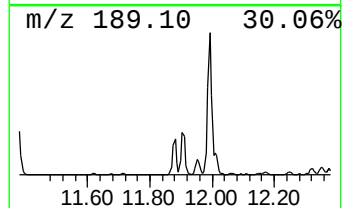
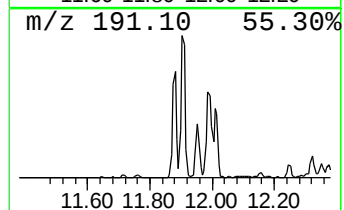
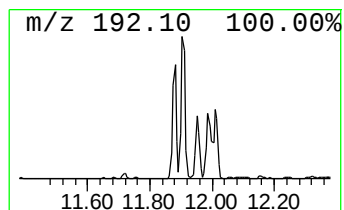
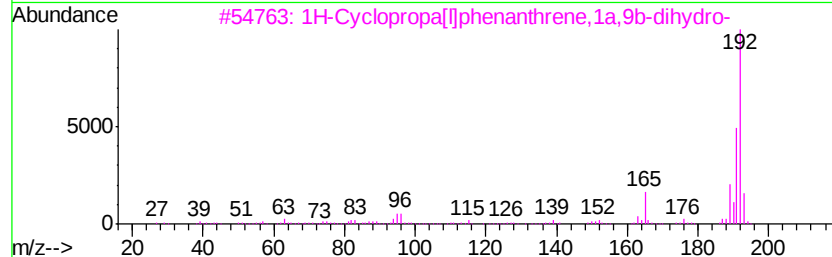
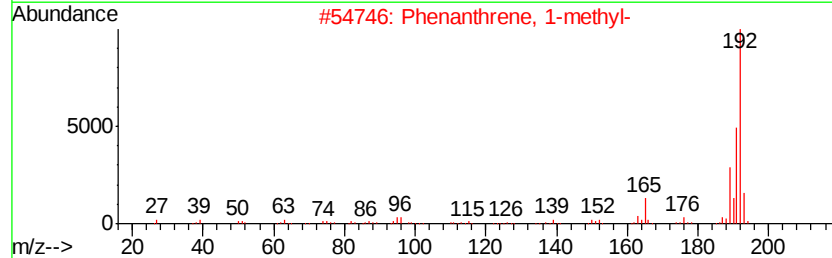
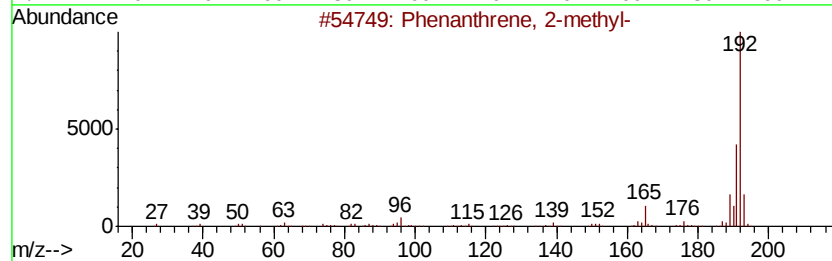
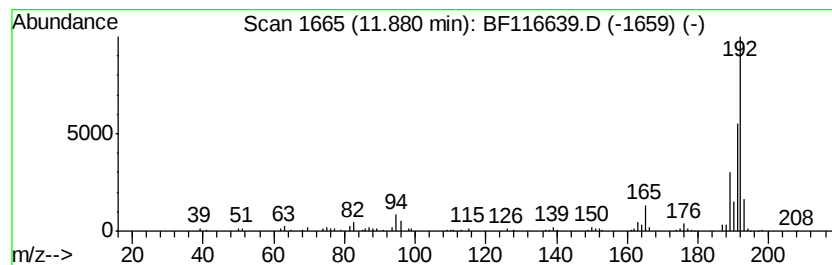
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	10.90 ng	203218	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



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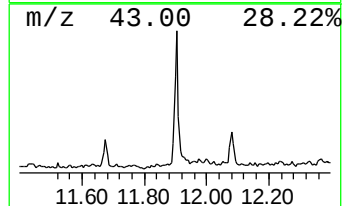
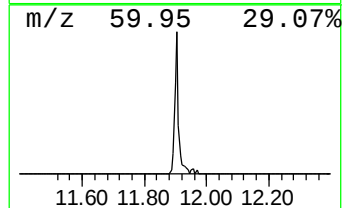
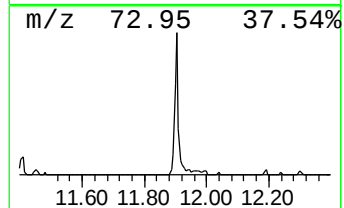
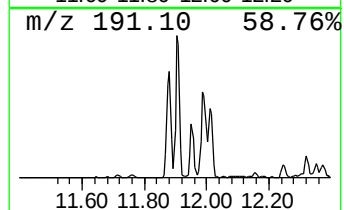
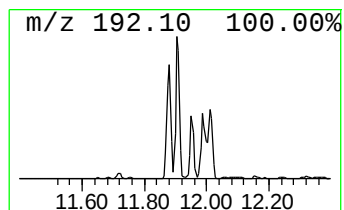
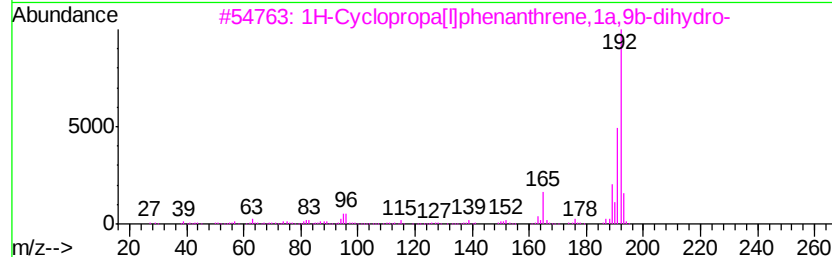
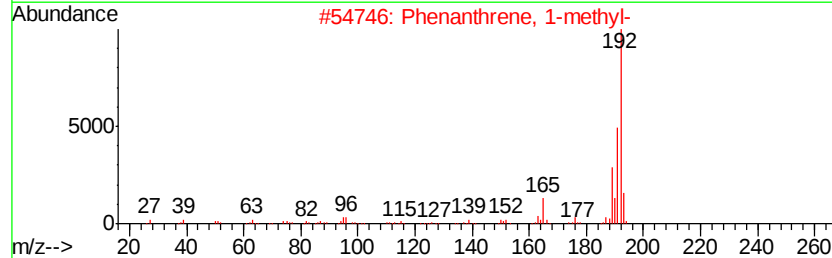
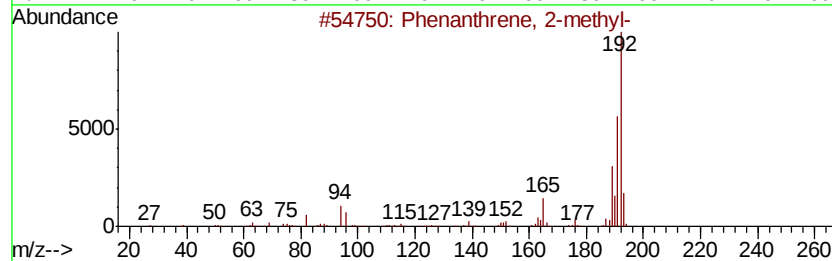
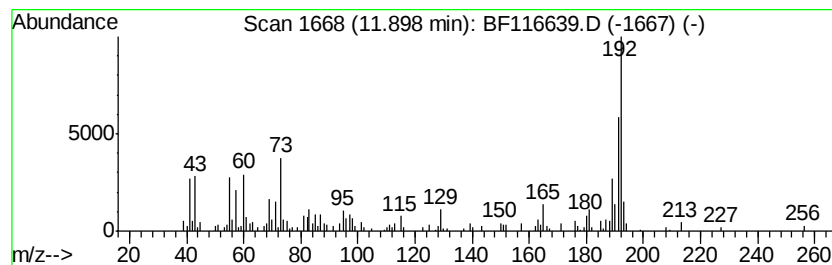
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	19.52 ng	363896	Phenanthrene-d10	11.38

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	97
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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Data File : BF116639.D
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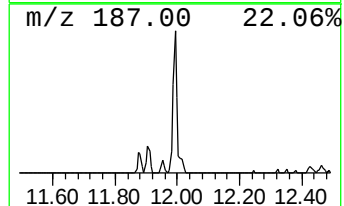
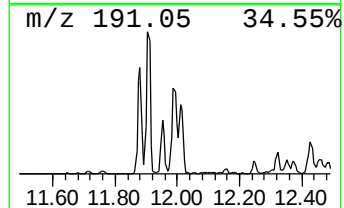
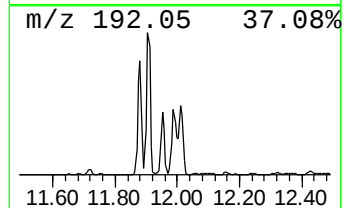
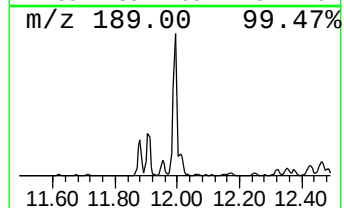
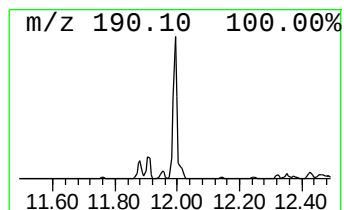
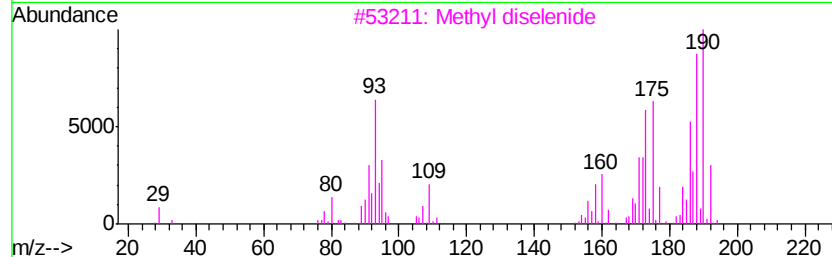
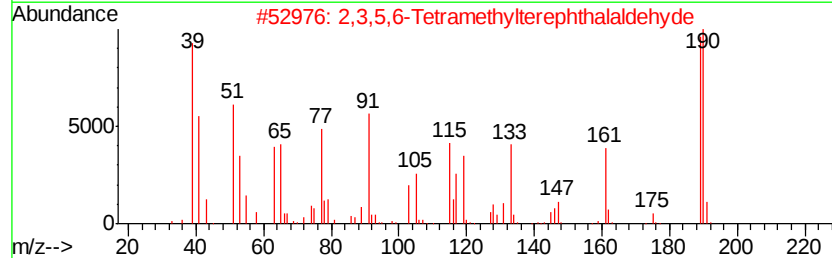
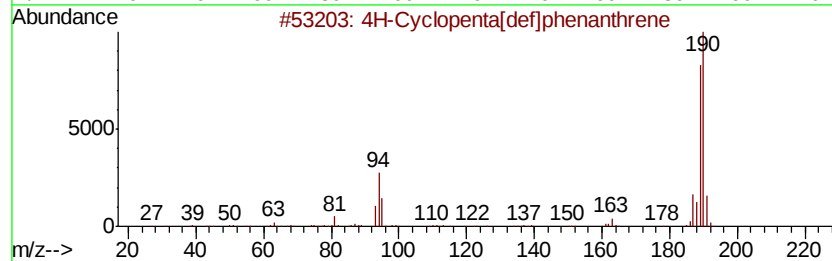
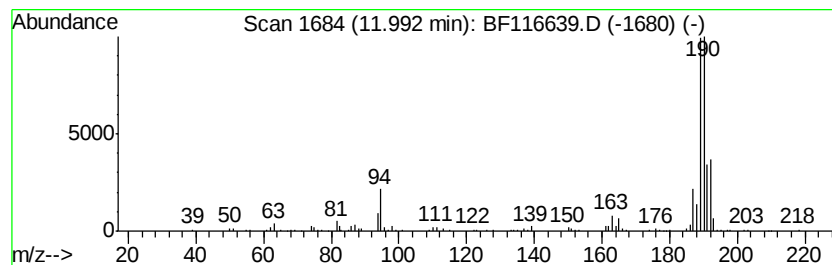
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	18.70 ng	348537	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3		Methyl diselenide	190	C2H6Se2	007101-31-7	43
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



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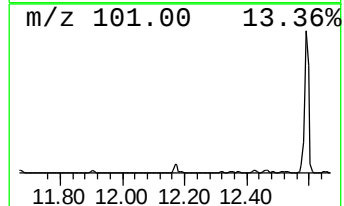
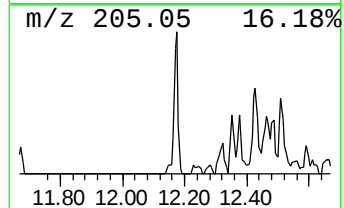
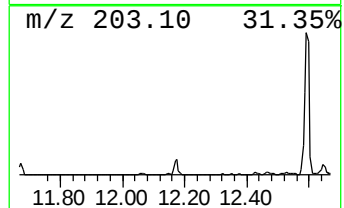
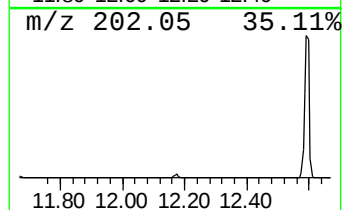
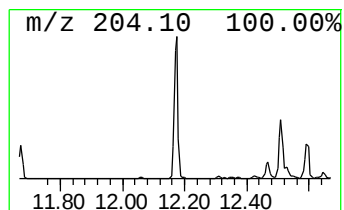
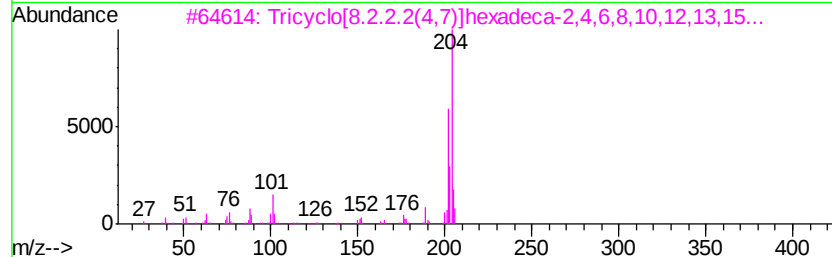
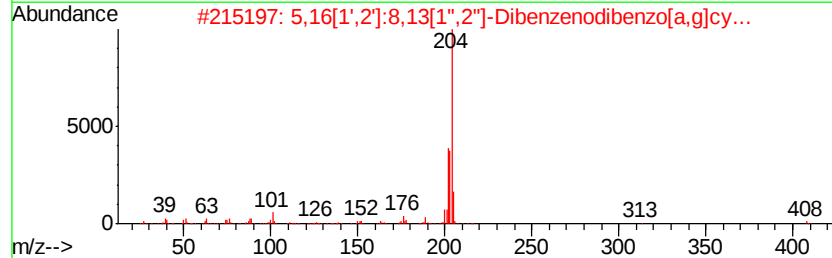
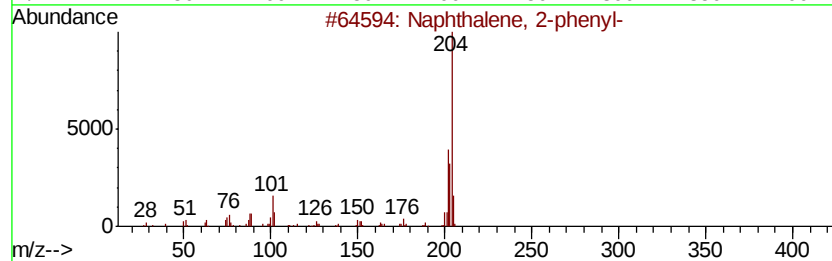
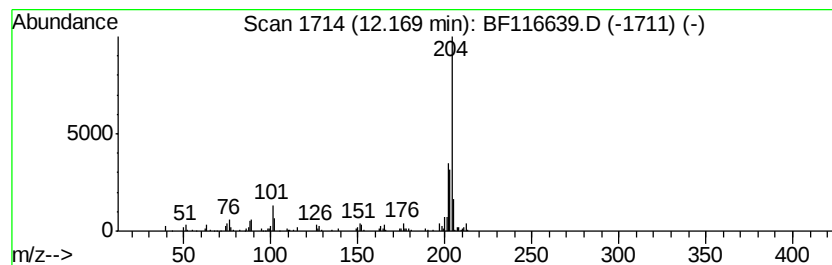
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	7.43 ng	138514	Phenanthrene-d10	11.38

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	86
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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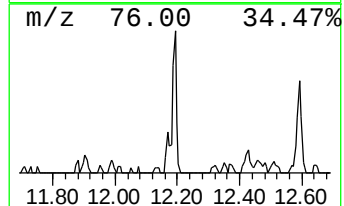
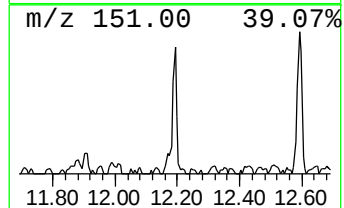
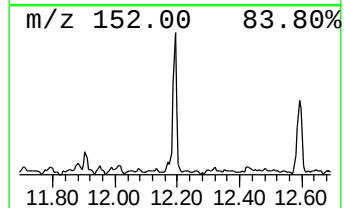
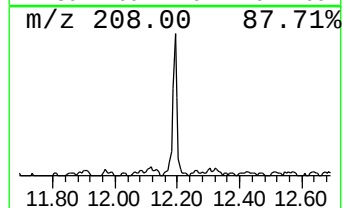
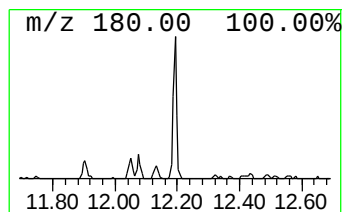
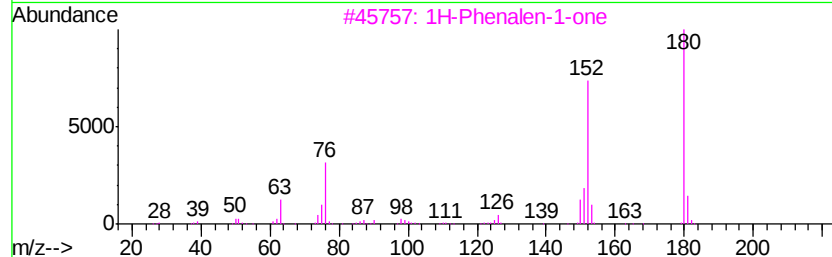
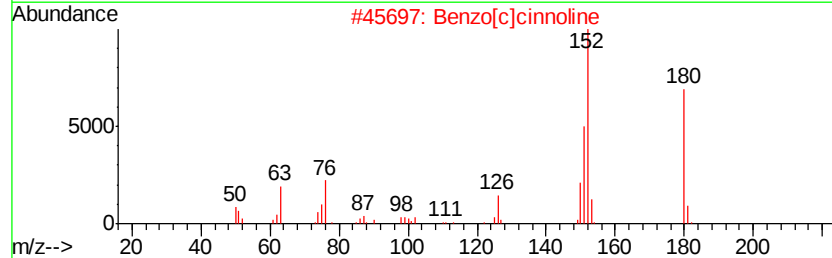
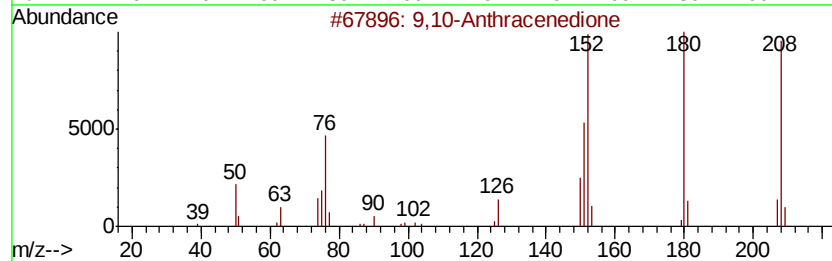
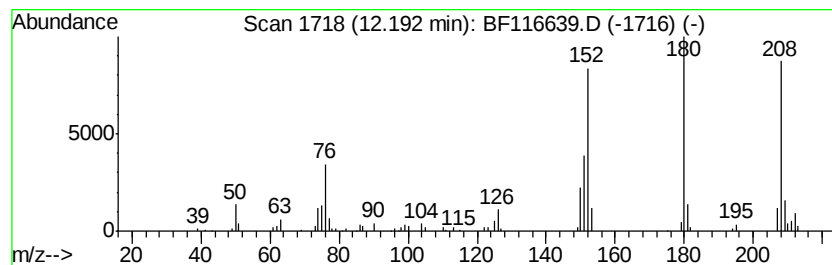
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	6.14 ng	114442	Phenanthrene-d10	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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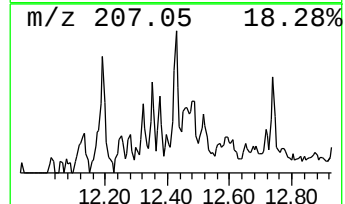
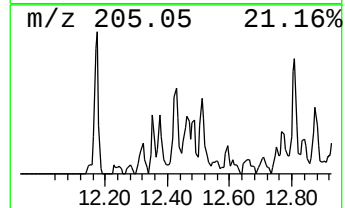
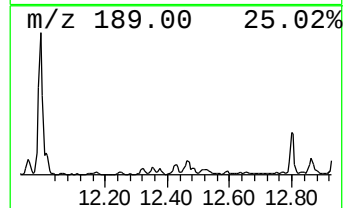
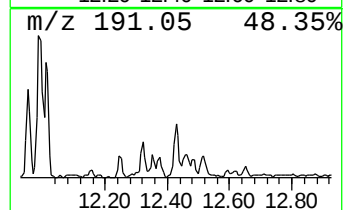
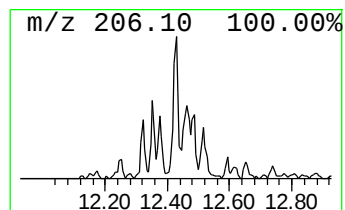
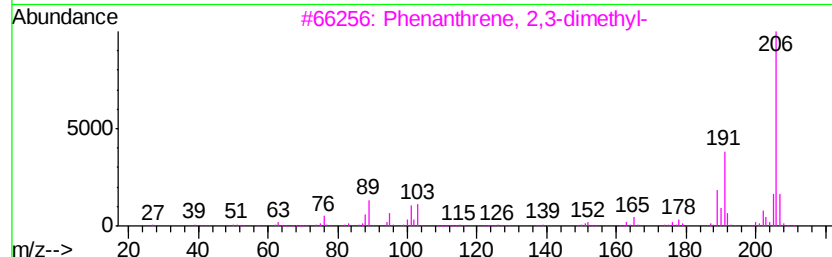
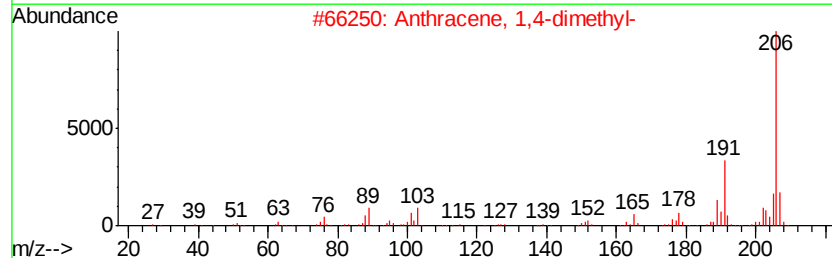
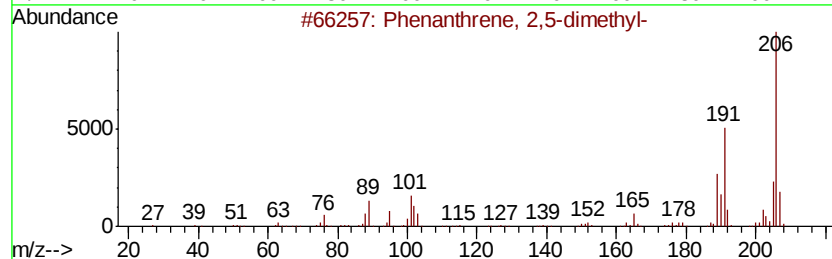
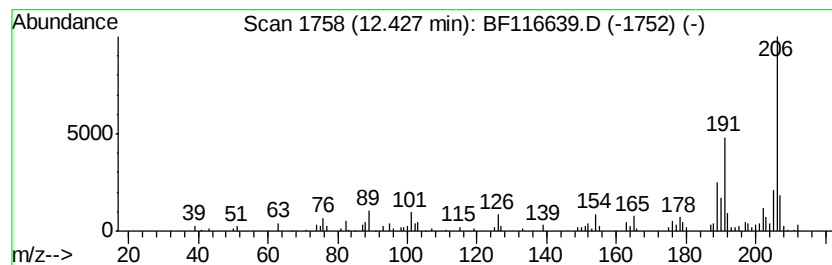
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.18 ng	115195	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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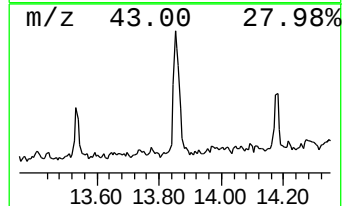
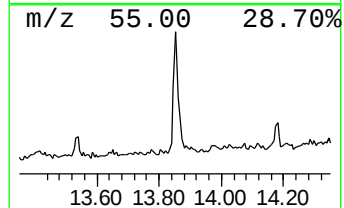
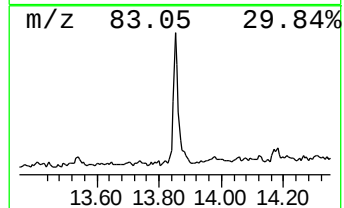
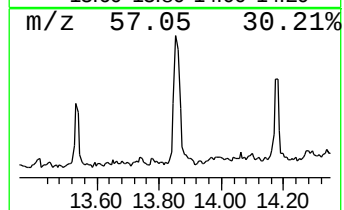
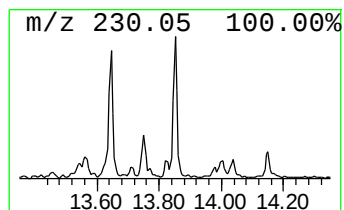
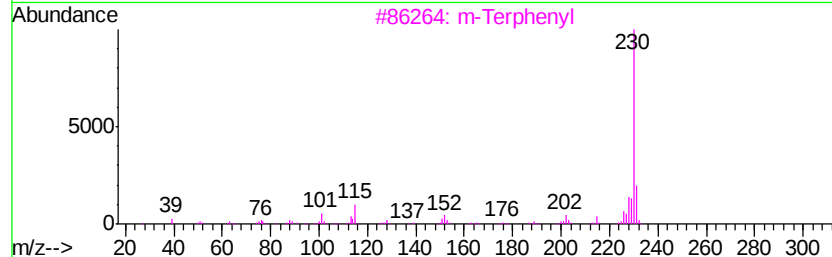
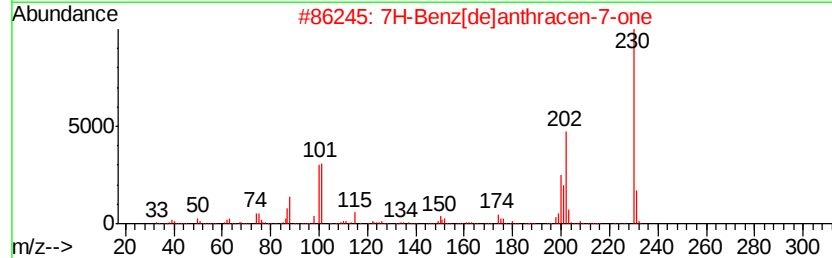
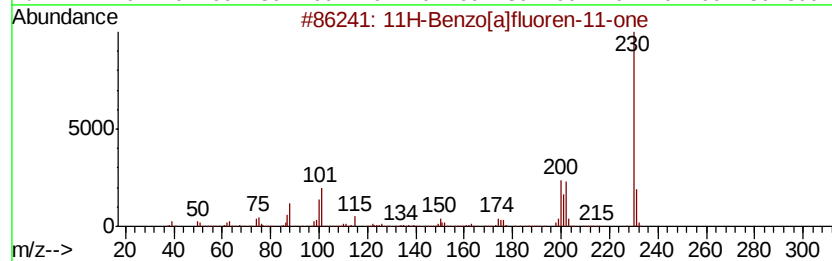
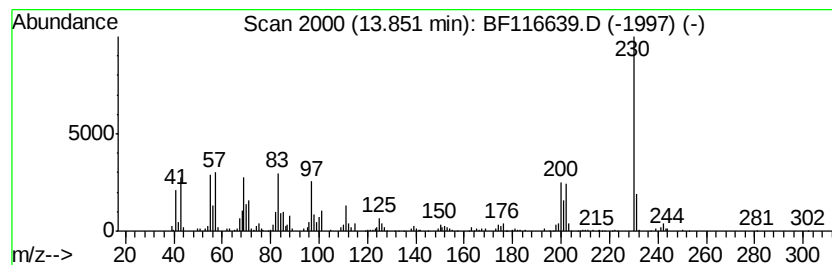
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.01 ng	365516	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
3		m-Terphenyl	230	C18H14	000092-06-8	43
4		o-Terphenyl	230	C18H14	000084-15-1	43
5		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116639.D
Acq On : 29 Aug 2019 2:24
Operator : HP/JU
Sample : K4543-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-S

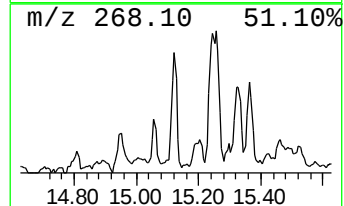
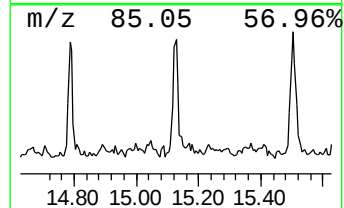
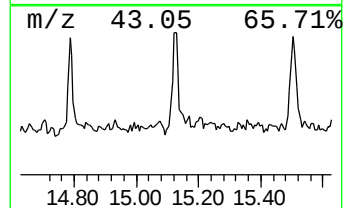
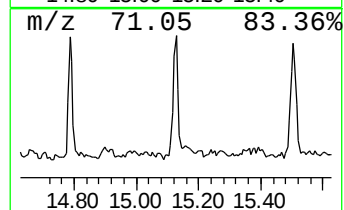
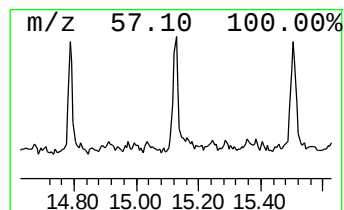
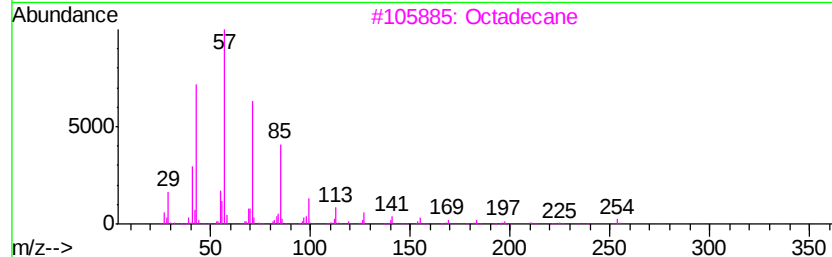
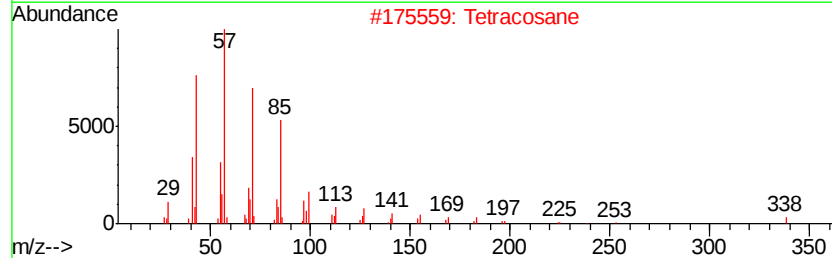
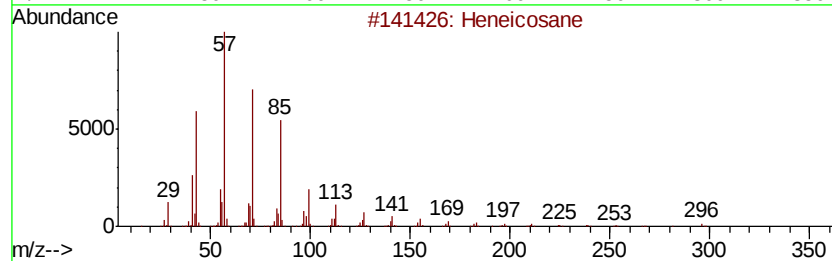
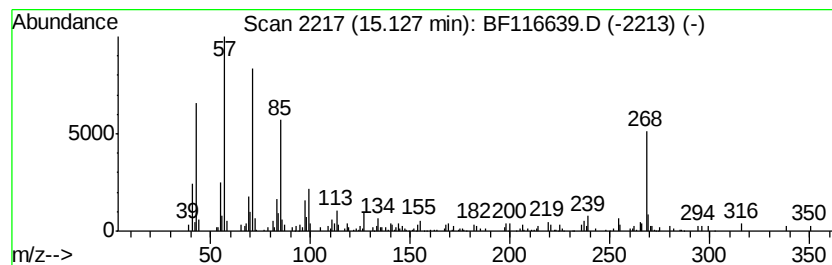
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	6.55 ng	108862	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	92
2		Tetracosane	338	C24H50	000646-31-1	91
3		Octadecane	254	C18H38	000593-45-3	86
4		Hexadecane	226	C16H34	000544-76-3	64
5		2-methyloctacosane	408	C29H60	1000376-72-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Misc :
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Instrument :
BNA_F
ClientSampled :
TP-2-S

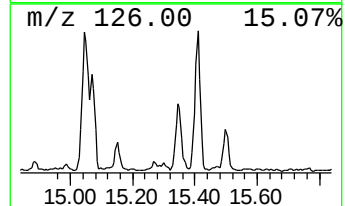
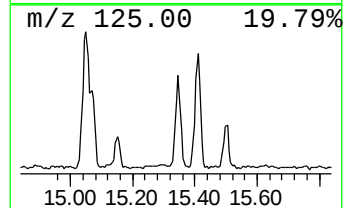
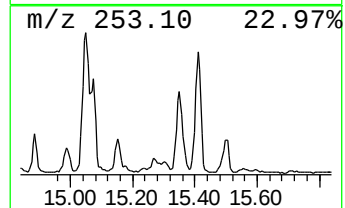
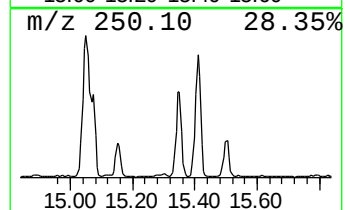
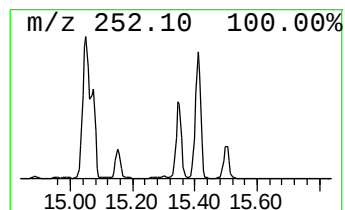
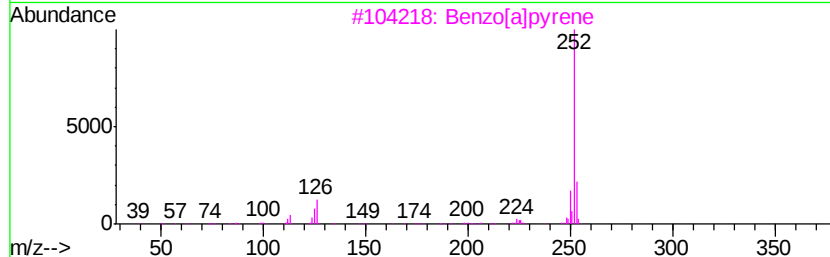
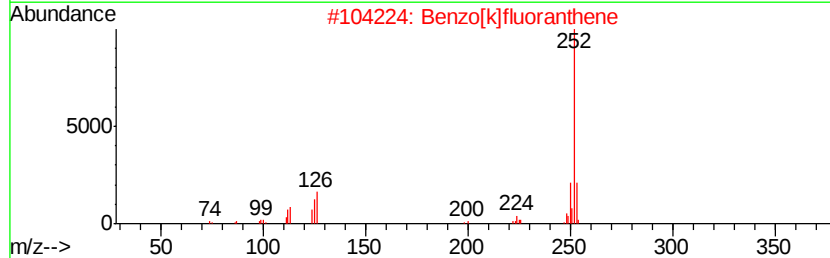
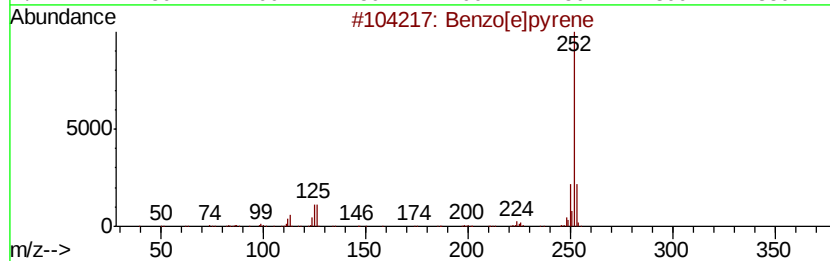
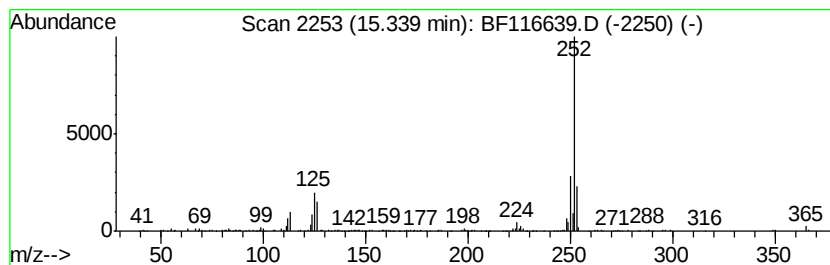
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	23.28 ng	386730	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116639.D
Acq On : 29 Aug 2019 2:24
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Misc :
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ClientSampleId :
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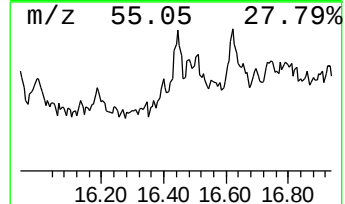
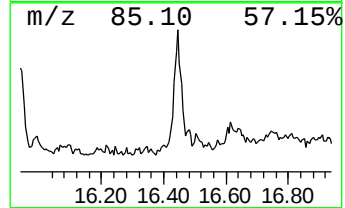
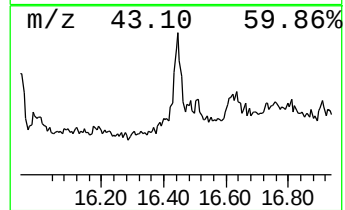
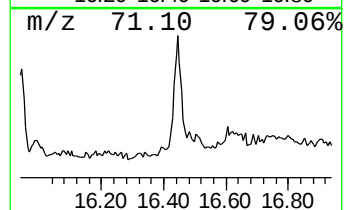
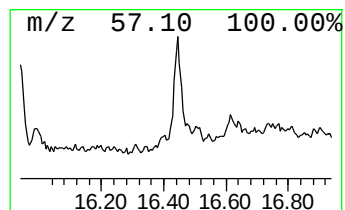
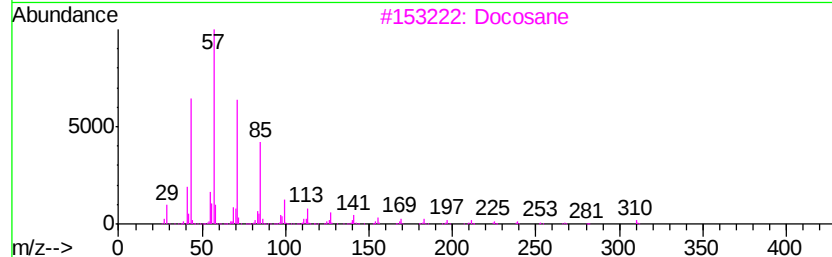
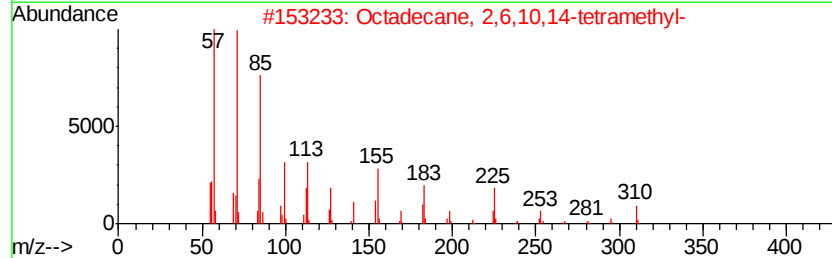
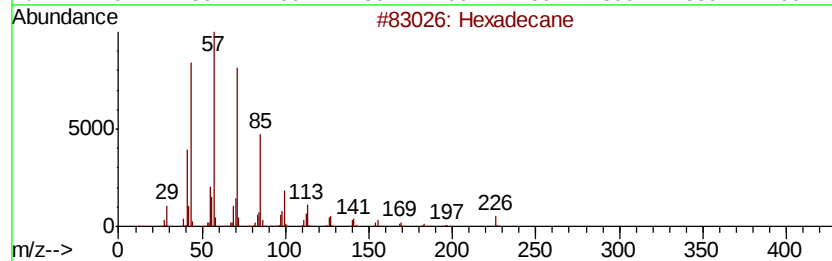
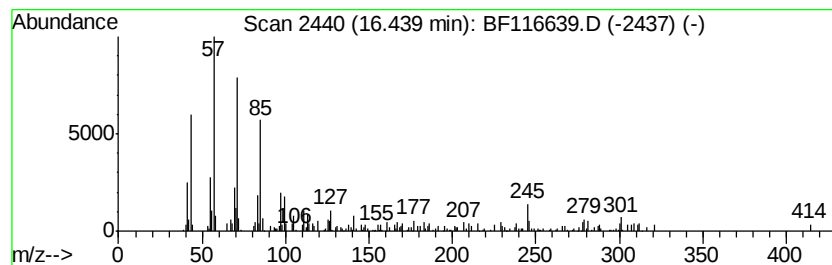
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	8.28 ng	137511	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	89
2		Octadecane, 2,6,10,14-tetramethyl-	310	C22H46	054964-82-8	74
3		Docosane	310	C22H46	000629-97-0	72
4		Hentriacontane	437	C31H64	000630-04-6	72
5		Eicosane	282	C20H42	000112-95-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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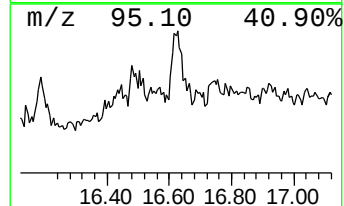
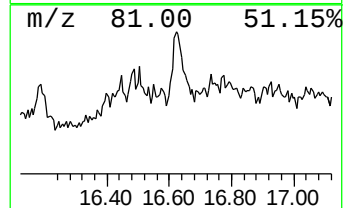
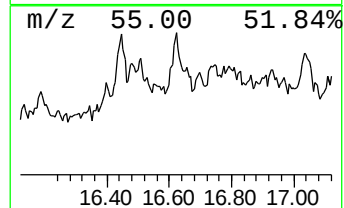
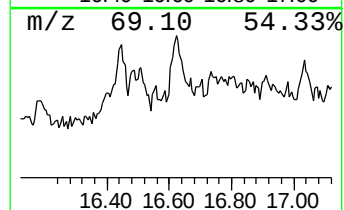
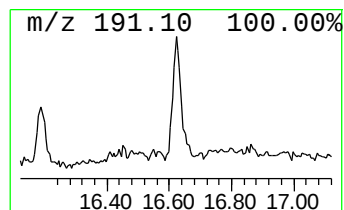
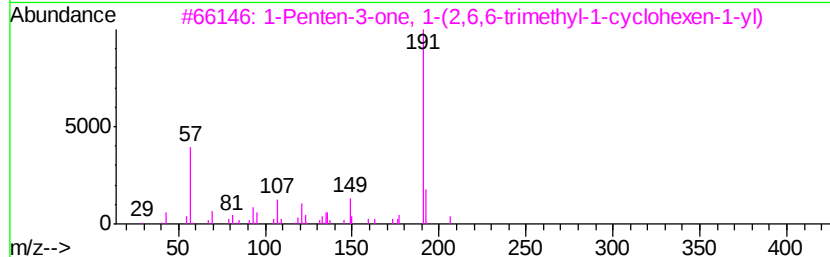
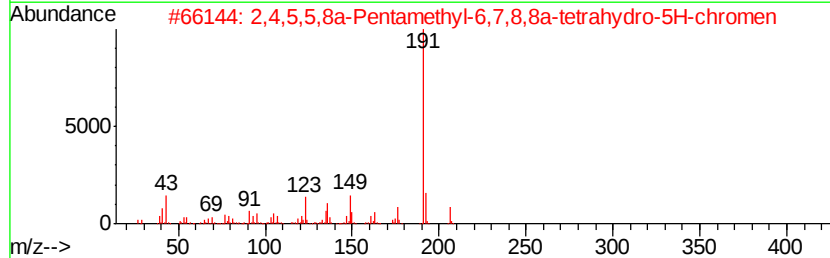
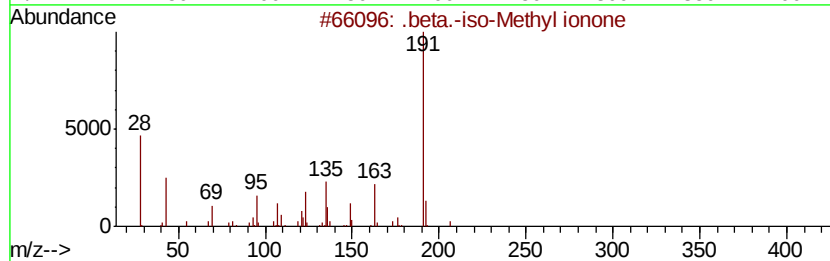
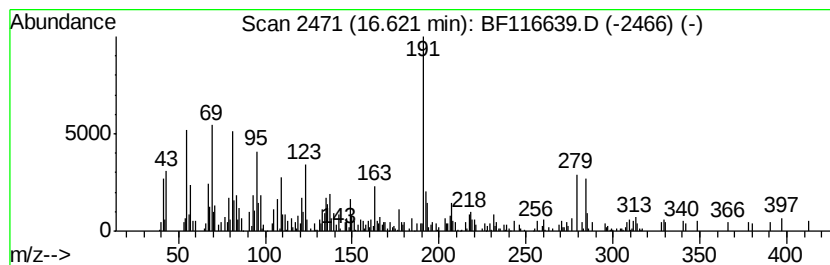
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	19.49 ng	323766	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	45
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4		Protriptyline	263	C19H21N	000438-60-8	38
5		Anthracene, 9-(4-bromobutyl)-	312	C18H17Br	155827-12-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116639.D
Acq On : 29 Aug 2019 2:24
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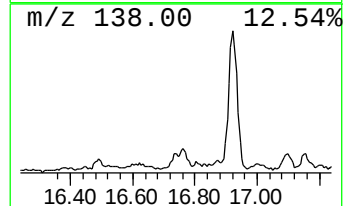
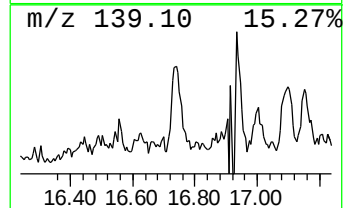
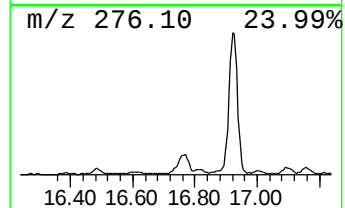
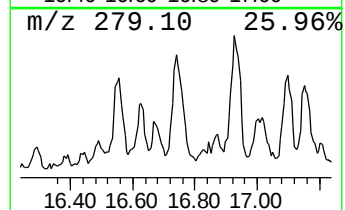
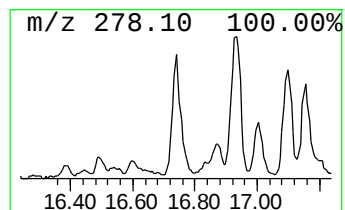
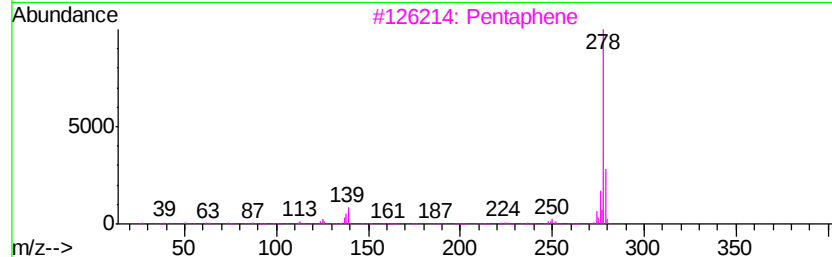
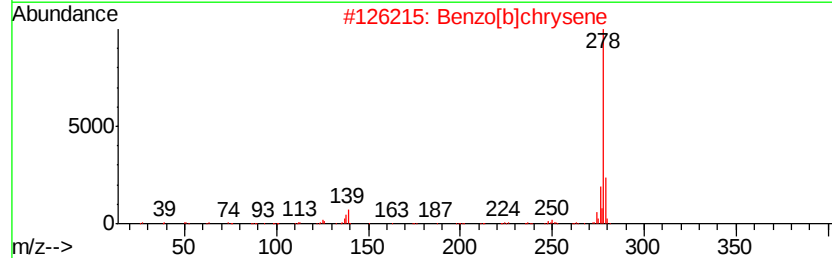
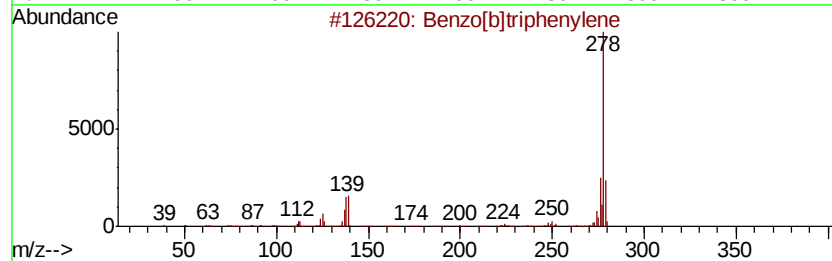
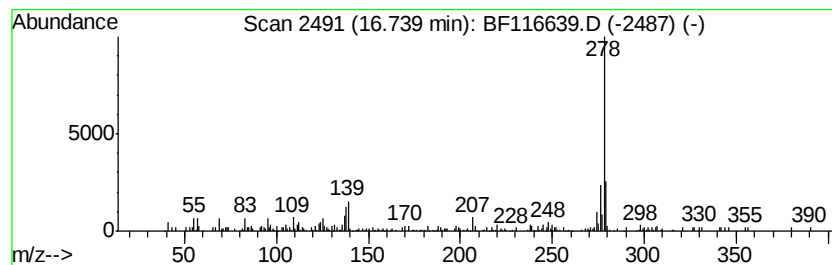
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	6.41 ng	106467	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2		Benzo[b]chrysene	278	C22H14	000214-17-5	95
3		Pentaphene	278	C22H14	000222-93-5	94
4		Picene	278	C22H14	000213-46-7	94
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116639.D
Acq On : 29 Aug 2019 2:24
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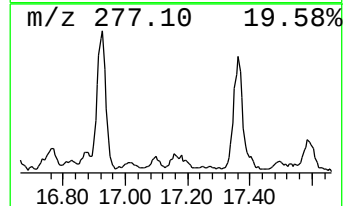
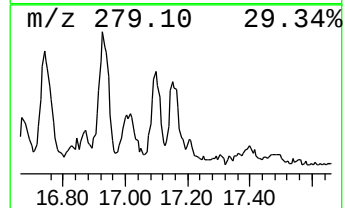
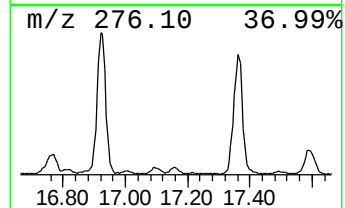
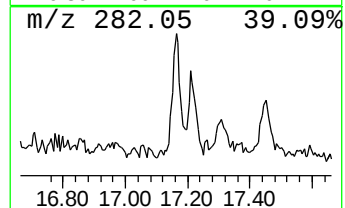
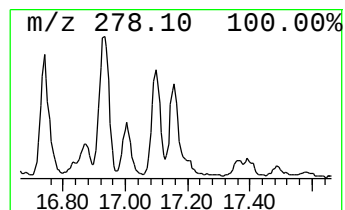
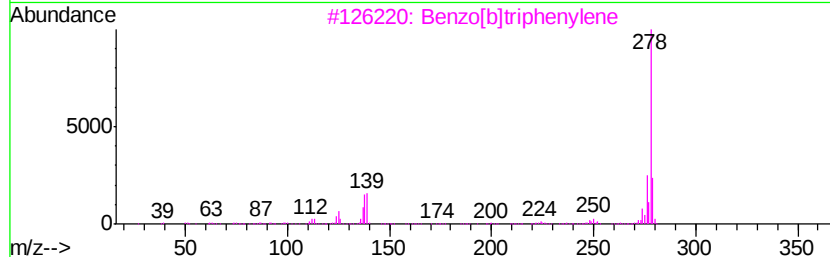
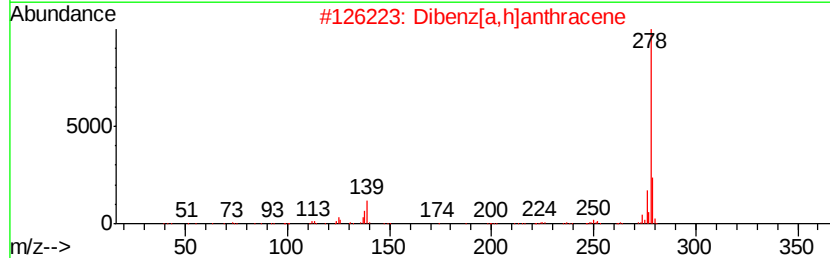
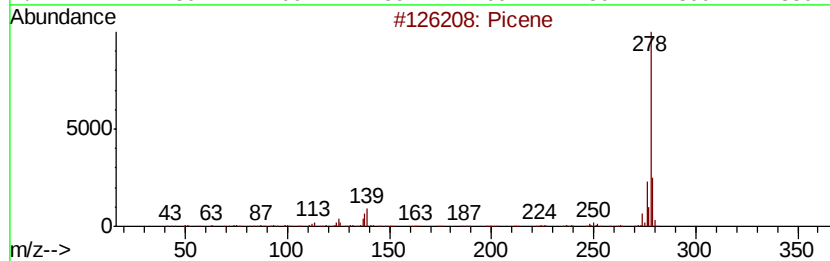
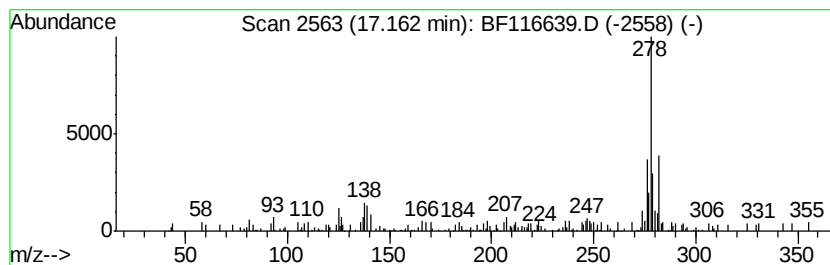
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	6.66 ng	110549	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	60
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	60
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	60
4		Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	58
5		Pentaphene	278	C22H14	000222-93-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116639.D
Acq On : 29 Aug 2019 2:24
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-2-S

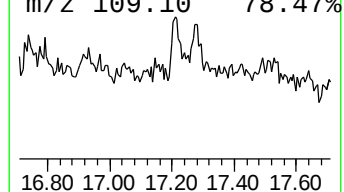
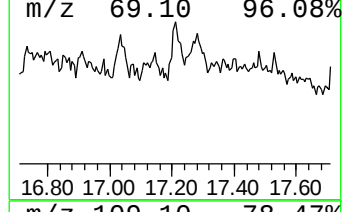
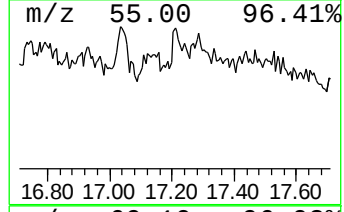
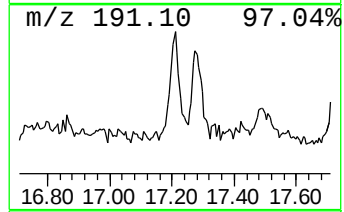
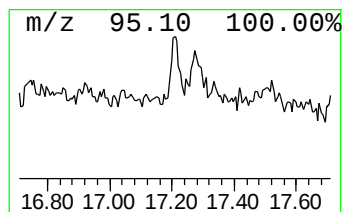
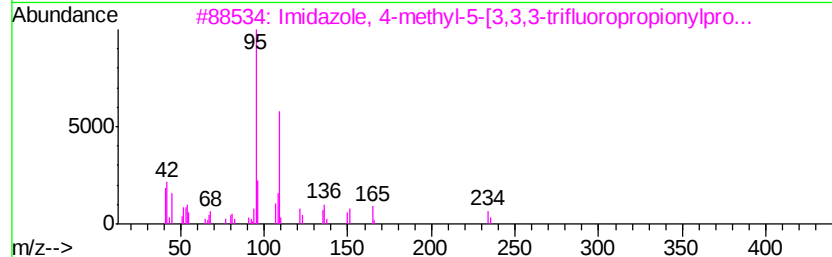
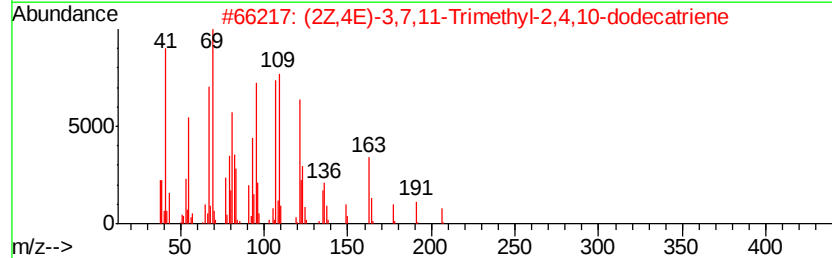
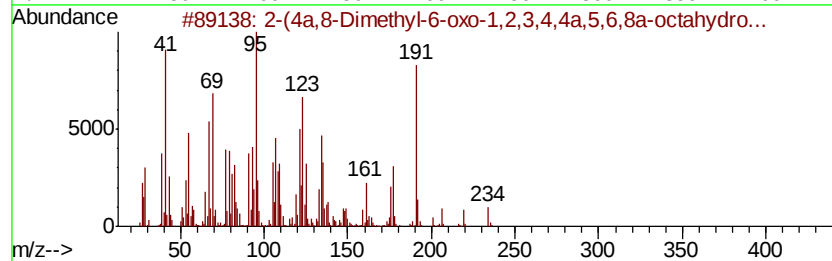
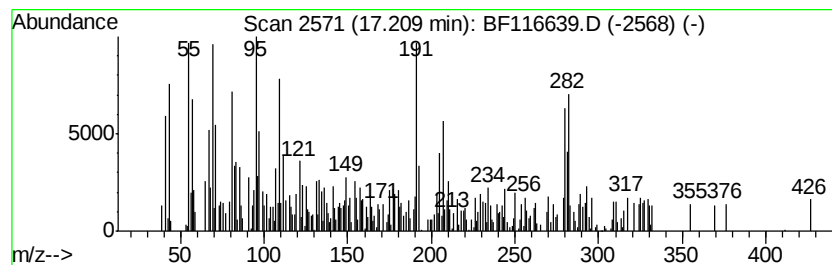
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.21 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	8.22 ng	136600	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	38
2		(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	30
3		Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	30
4		Benzoic acid, 2-chloro-5-(1H-pyr...	330	C17H12ClFN2O2	1000350-09-7	25
5		Dibenz[a,h]anthracene, 1,2,3,4-t...	282	C22H18	000153-39-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116639.D
Acq On : 29 Aug 2019 2:24
Operator : HP/JU
Sample : K4543-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-S

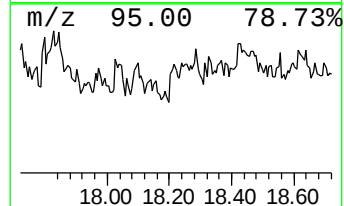
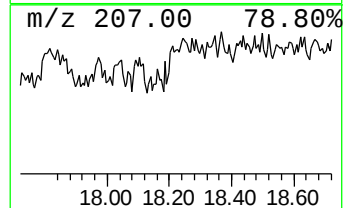
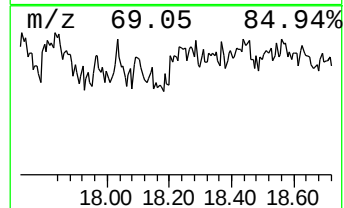
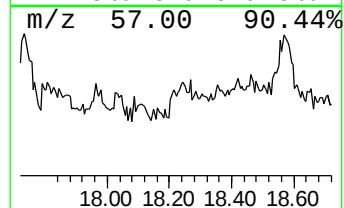
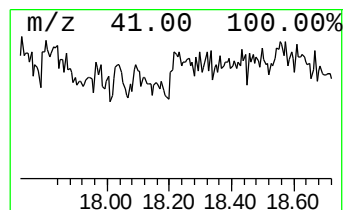
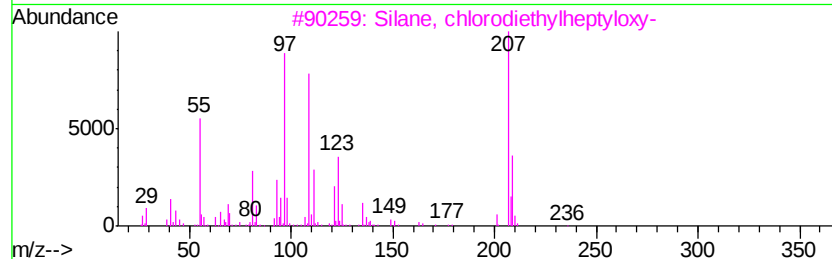
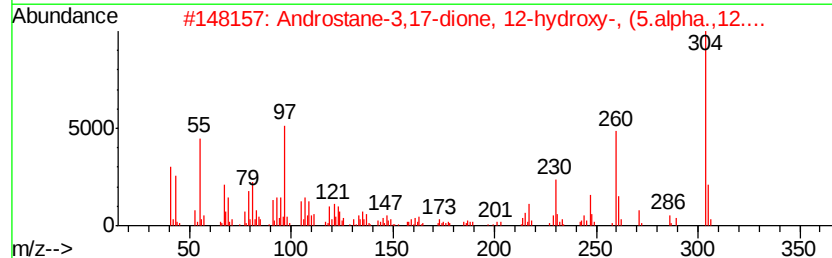
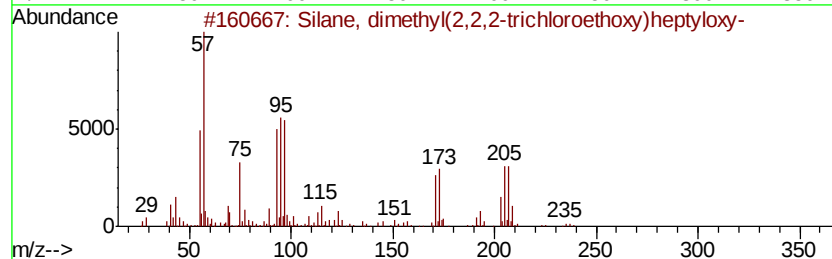
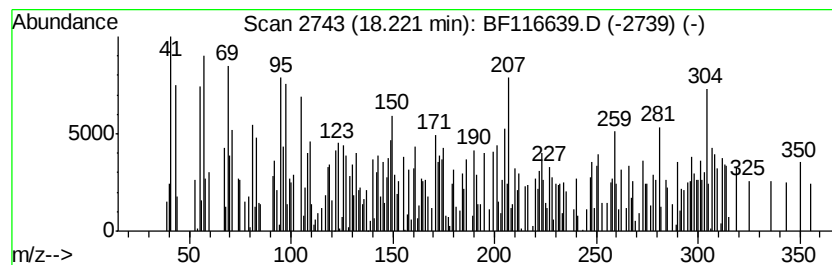
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.22 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	6.98 ng	116001	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, dimethyl(2,2,2-trichloro...	320	C11H23Cl3O2Si	1000347-56-6	22
2		Androstane-3,17-dione, 12-hydrox...	304	C19H28O3	053604-44-7	14
3		Silane, chlorodiethylheptyloxv-	236	C11H25ClO2Si	1000363-96-1	14
4		2-Myristynovl-olvcinamide	280	C16H28N2O2	1000111-57-7	10
5		1,2-Dimethyl-4-azaphenanthrene-3...	251	C16H13N02	1000298-84-6	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082819\
 Data File : BF116639.D
 Acq On : 29 Aug 2019 2:24
 Operator : HP/JU
 Sample : K4543-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.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...	2.13	27.0	ng	579807	1	6.86	429766	20.0
unknown6.63	6.63	92.1	ng	1978760	1	6.86	429766	20.0
Naphtho[1,2-b]thi...	11.27	6.3	ng	117234	4	11.38	372781	20.0
Phenanthrene, 2-m...	11.88	10.9	ng	203218	4	11.38	372781	20.0
Phenanthrene, 1-m...	11.90	19.5	ng	363896	4	11.38	372781	20.0
4H-Cyclopenta[def...	11.99	18.7	ng	348537	4	11.38	372781	20.0
Naphthalene, 2-ph...	12.17	7.4	ng	138514	4	11.38	372781	20.0
9,10-Anthracenedione	12.19	6.1	ng	114442	4	11.38	372781	20.0
Phenanthrene, 2,5...	12.43	6.2	ng	115195	4	11.38	372781	20.0
11H-Benzo[a]fluor...	13.85	6.0	ng	365516	5	14.01	1216720	20.0
Heneicosane	15.13	6.5	ng	108862	6	15.47	332202	20.0
Benzo[e]pyrene	15.34	23.3	ng	386730	6	15.47	332202	20.0
Hexadecane	16.44	8.3	ng	137511	6	15.47	332202	20.0
unknown16.62	16.62	19.5	ng	323766	6	15.47	332202	20.0
Benzo[b]triphenylene	16.74	6.4	ng	106467	6	15.47	332202	20.0
Picene	17.16	6.7	ng	110549	6	15.47	332202	20.0
unknown17.21	17.21	8.2	ng	136600	6	15.47	332202	20.0
unknown18.22	18.22	7.0	ng	116001	6	15.47	332202	20.0