

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117576.D
 Acq On : 28 Oct 2019 21:51
 Operator : JU
 Sample : K5563-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

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-BF101819.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	4.922	478	482	494	rBV	83504	125748	8.19%	0.558%
2	5.351	552	555	574	rBV	523170	684018	44.56%	3.035%
3	6.381	727	730	747	rBV	678475	780260	50.83%	3.462%
4	6.504	747	751	757	rVV	850076	822913	53.61%	3.651%
5	6.728	785	789	797	rBV	246453	247253	16.11%	1.097%
6	6.881	811	815	829	rBV	607245	552884	36.02%	2.453%
7	7.292	881	885	903	rBV	420835	476757	31.06%	2.115%
8	8.010	1003	1007	1009	rBV	296005	298355	19.44%	1.324%
9	8.822	1139	1145	1152	rBV	35312	35695	2.33%	0.158%
10	9.080	1185	1189	1200	rBV	806979	694628	45.25%	3.082%
11	9.422	1243	1247	1249	rBV	32268	34286	2.23%	0.152%
12	9.474	1254	1256	1264	rVB	115326	115692	7.54%	0.513%
13	9.757	1297	1304	1307	rBV	401898	356203	23.21%	1.580%
14	9.792	1307	1310	1317	rVV	213340	194578	12.68%	0.863%
15	9.969	1335	1340	1344	rVV	89922	102546	6.68%	0.455%
16	10.192	1375	1378	1383	rVV2	41728	54202	3.53%	0.240%
17	10.310	1394	1398	1404	rVV	194997	189569	12.35%	0.841%
18	10.421	1414	1417	1422	rVV3	67324	95989	6.25%	0.426%
19	10.463	1422	1424	1428	rVB	42428	42797	2.79%	0.190%
20	10.551	1436	1439	1444	rBV	391235	409561	26.68%	1.817%
21	10.627	1449	1452	1455	rBV2	25131	31710	2.07%	0.141%
22	10.857	1484	1491	1494	rBV3	41446	59138	3.85%	0.262%
23	11.010	1514	1517	1522	rVV3	30740	43635	2.84%	0.194%
24	11.063	1522	1526	1529	rVV	60860	61436	4.00%	0.273%
25	11.104	1529	1533	1536	rVV3	57816	71707	4.67%	0.318%
26	11.145	1536	1540	1545	rVB	84770	93743	6.11%	0.416%
27	11.245	1554	1557	1559	rBV	280488	287555	18.73%	1.276%
28	11.274	1559	1562	1565	rVV	1620090	1449785	94.45%	6.432%
29	11.321	1565	1570	1574	rVV	335162	349859	22.79%	1.552%
30	11.486	1593	1598	1604	rBV2	130970	159970	10.42%	0.710%
31	11.533	1604	1606	1609	rVB	49368	39291	2.56%	0.174%
32	11.745	1639	1642	1645	rBV	142263	135822	8.85%	0.603%
33	11.774	1645	1647	1650	rVV	238431	244778	15.95%	1.086%
34	11.804	1650	1652	1654	rVV	71539	60984	3.97%	0.271%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.827	1654	1656	1658	rVV	71139	59455	3.87%	0.264%
36	11.863	1658	1662	1664	rVV	220866	234235	15.26%	1.039%
37	11.880	1664	1665	1672	rVB	94441	84838	5.53%	0.376%
38	11.939	1672	1675	1677	rBV2	42598	40174	2.62%	0.178%
39	12.039	1690	1692	1695	rVV	101607	95422	6.22%	0.423%
40	12.086	1695	1700	1703	rVV3	101475	151673	9.88%	0.673%
41	12.186	1713	1717	1721	rBV2	40108	60754	3.96%	0.270%
42	12.298	1733	1736	1738	rVV	77796	72352	4.71%	0.321%
43	12.327	1738	1741	1745	rVV2	128513	168292	10.96%	0.747%
44	12.398	1749	1753	1760	rVB3	84320	113638	7.40%	0.504%
45	12.468	1760	1765	1768	rBV	1633117	1534962	100.00%	6.810%
46	12.492	1768	1769	1773	rVV3	43746	43837	2.86%	0.194%
47	12.527	1773	1775	1778	rVB2	30169	31101	2.03%	0.138%
48	12.557	1778	1780	1782	rBV	56276	54447	3.55%	0.242%
49	12.610	1786	1789	1793	rVB2	95184	106309	6.93%	0.472%
50	12.698	1798	1804	1807	rVV	1372859	1460463	95.15%	6.479%
51	12.739	1809	1811	1816	rVB2	60626	71548	4.66%	0.317%
52	12.827	1821	1826	1829	rVV2	545143	512962	33.42%	2.276%
53	12.862	1829	1832	1836	rVB	56909	71530	4.66%	0.317%
54	12.910	1836	1840	1844	rBV3	78540	148175	9.65%	0.657%
55	12.962	1847	1849	1852	rVB	40193	32942	2.15%	0.146%
56	12.998	1852	1855	1856	rBV2	59113	60907	3.97%	0.270%
57	13.021	1856	1859	1862	rVV3	178394	192039	12.51%	0.852%
58	13.057	1862	1865	1868	rVB	85854	75197	4.90%	0.334%
59	13.086	1868	1870	1872	rBV	113567	89891	5.86%	0.399%
60	13.127	1872	1877	1883	rVB3	98947	167266	10.90%	0.742%
61	13.180	1883	1886	1889	rBV3	30110	31353	2.04%	0.139%
62	13.215	1889	1892	1895	rBV	56895	51012	3.32%	0.226%
63	13.251	1895	1898	1901	rBV3	56436	68224	4.44%	0.303%
64	13.398	1919	1923	1928	rBV3	150431	189106	12.32%	0.839%
65	13.539	1942	1947	1952	rVB	109677	141928	9.25%	0.630%
66	13.645	1960	1965	1967	rBV2	125341	171979	11.20%	0.763%
67	13.662	1967	1968	1971	rVV	105618	76472	4.98%	0.339%
68	13.692	1971	1973	1975	rVV	81889	84670	5.52%	0.376%
69	13.727	1976	1979	1981	rVV2	162002	180324	11.75%	0.800%
70	13.751	1981	1983	1986	rVV	115301	101520	6.61%	0.450%
71	13.780	1986	1988	1991	rVB2	61918	50309	3.28%	0.223%

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72	13.827	1991	1996	1999	rBV2	180344	176588	11.50%	0.783%
73	13.886	1999	2006	2010	rBV2	714420	1138901	74.20%	5.053%
74	13.921	2010	2012	2015	rVV	626887	514145	33.50%	2.281%
75	13.957	2016	2018	2020	rVB	57224	42532	2.77%	0.189%
76	13.998	2023	2025	2029	rVB	105155	97767	6.37%	0.434%
77	14.039	2029	2032	2039	rBV3	138656	202717	13.21%	0.899%
78	14.280	2068	2073	2076	rVV2	101491	117897	7.68%	0.523%
79	14.345	2081	2084	2088	rBV2	127445	147801	9.63%	0.656%
80	14.409	2093	2095	2100	rVB4	60132	98209	6.40%	0.436%
81	14.609	2126	2129	2131	rBV3	37849	47104	3.07%	0.209%
82	14.639	2131	2134	2140	rVB	108368	115845	7.55%	0.514%
83	14.774	2153	2157	2160	rBV2	56381	69469	4.53%	0.308%
84	14.921	2178	2182	2185	rBV	422816	619839	40.38%	2.750%
85	15.027	2196	2200	2204	rVB	74266	85221	5.55%	0.378%
86	15.209	2227	2231	2237	rVV	220875	247302	16.11%	1.097%
87	15.274	2237	2242	2245	rVV	300869	362157	23.59%	1.607%
88	15.327	2245	2251	2254	rVV2	163864	291200	18.97%	1.292%
89	15.362	2254	2257	2262	rVB2	86215	117482	7.65%	0.521%
90	15.715	2312	2317	2322	rBV	215297	276119	17.99%	1.225%
91	15.939	2353	2355	2362	rVB8	22604	36092	2.35%	0.160%
92	16.180	2393	2396	2405	rVB6	52964	101684	6.62%	0.451%
93	16.739	2485	2491	2498	rVB	135815	268902	17.52%	1.193%
94	16.962	2525	2529	2535	rVB4	24699	42551	2.77%	0.189%
95	17.168	2559	2564	2572	rVB	74098	156017	10.16%	0.692%
96	17.415	2602	2606	2611	rVB3	21280	39804	2.59%	0.177%
97	17.733	2654	2660	2671	rVB3	45789	165379	10.77%	0.734%
98	17.974	2694	2701	2705	rBV9	49880	130591	8.51%	0.579%
99	18.197	2734	2739	2747	rVB6	31952	82819	5.40%	0.367%
100	18.592	2794	2806	2818	rVB8	108245	464246	30.24%	2.060%

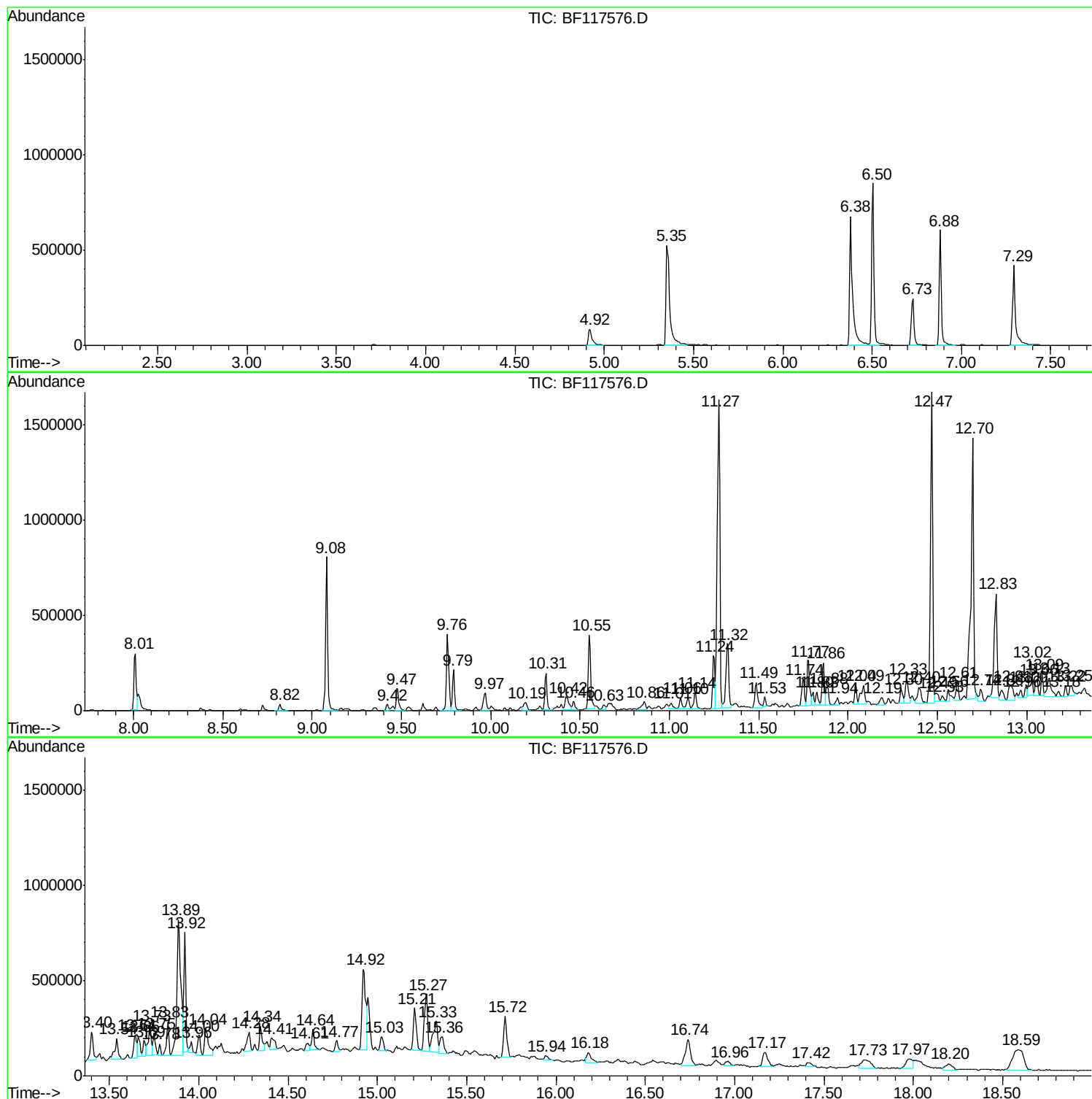
Sum of corrected areas: 22541033

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.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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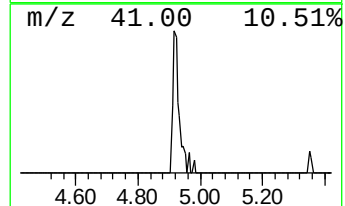
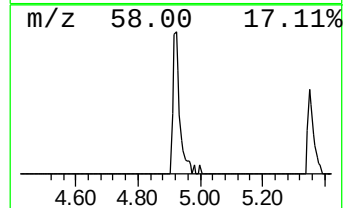
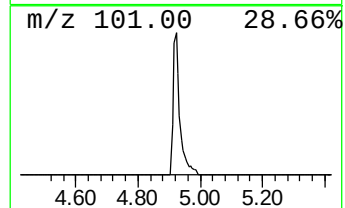
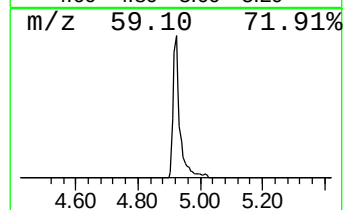
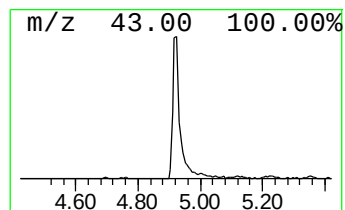
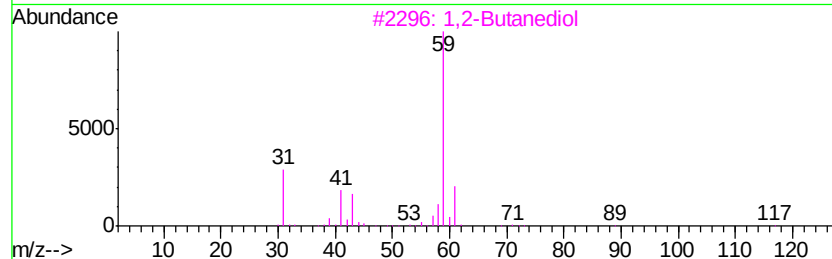
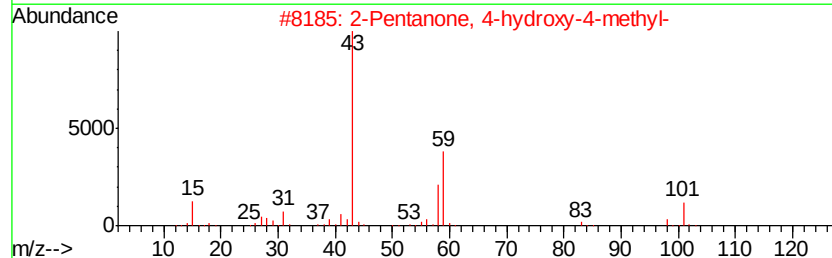
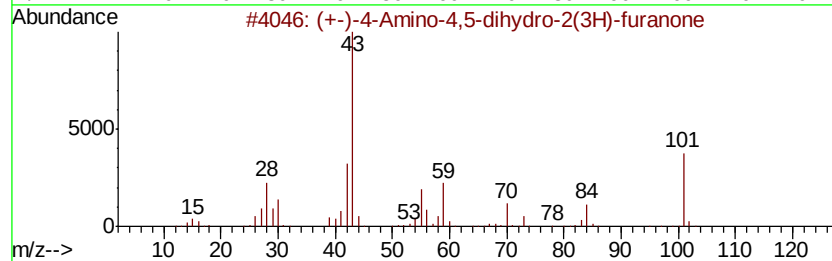
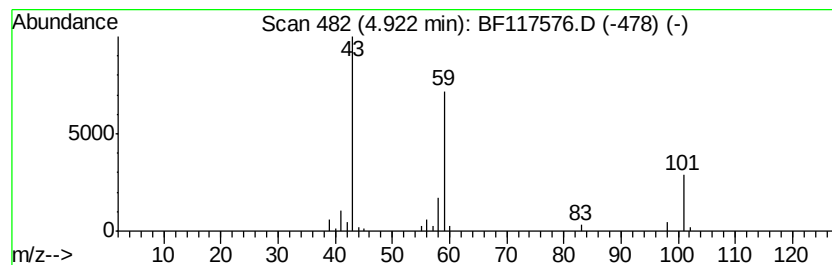
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.92 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	10.17 ng	125748	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-	4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3		1,2-Butanediol	90	C4H10O2	000584-03-2	23
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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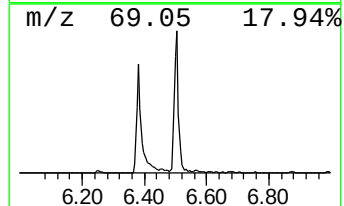
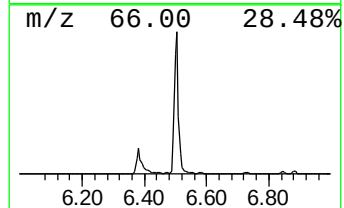
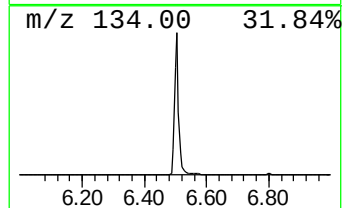
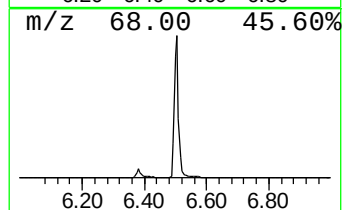
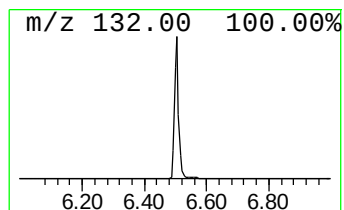
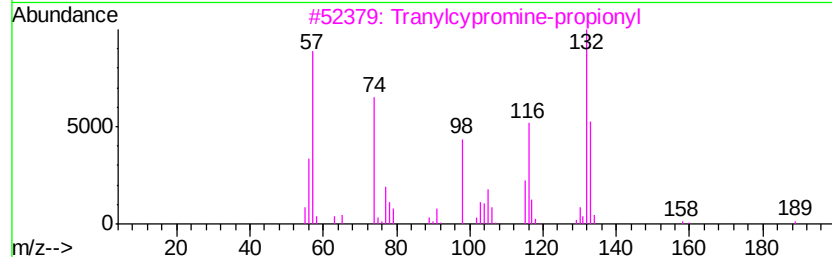
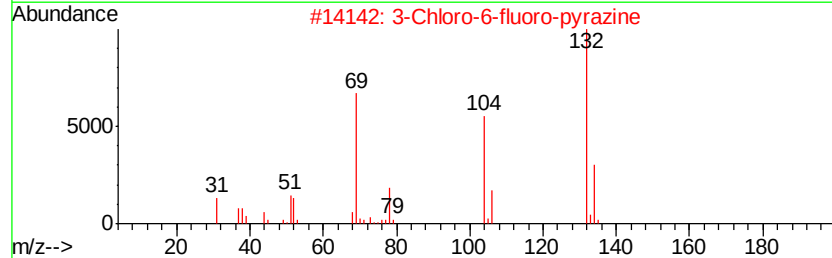
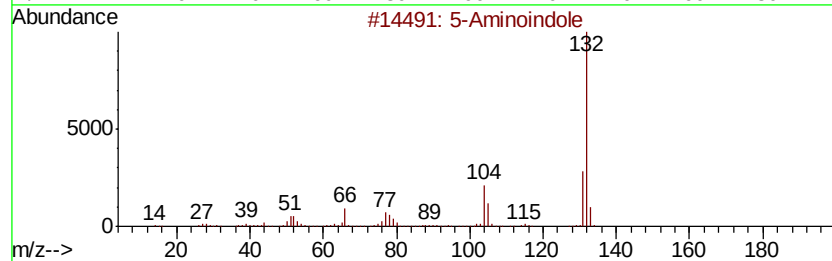
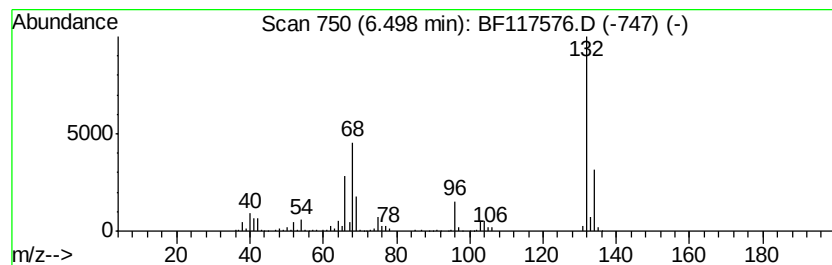
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	66.56 ng	822913	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranvlcypropamine-propionyl	189	C12H15NO	1000123-86-3	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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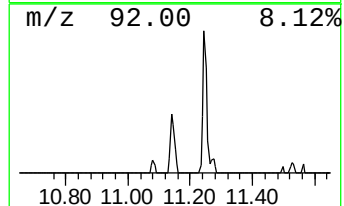
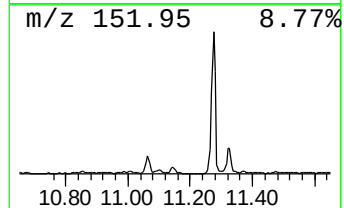
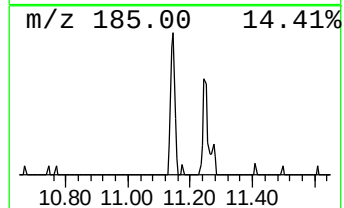
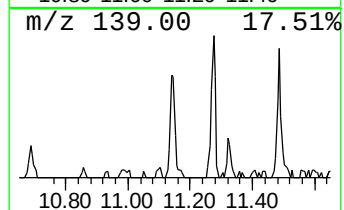
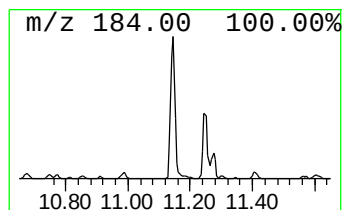
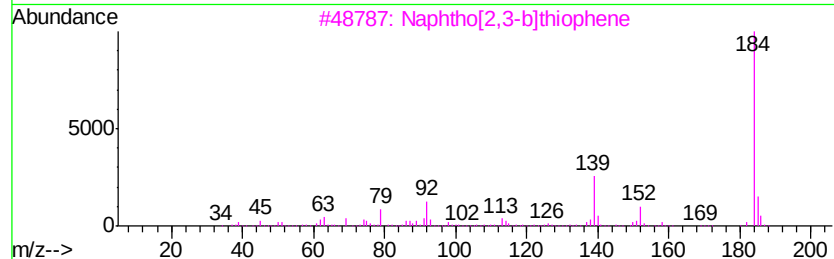
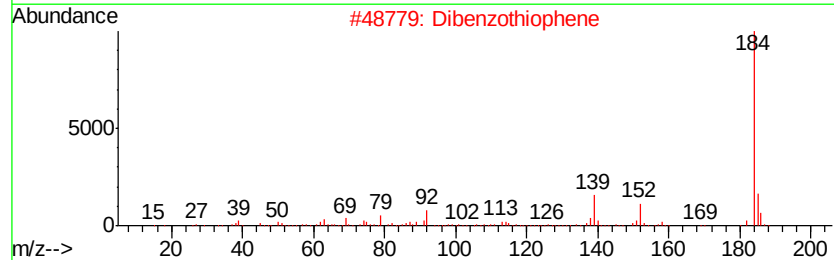
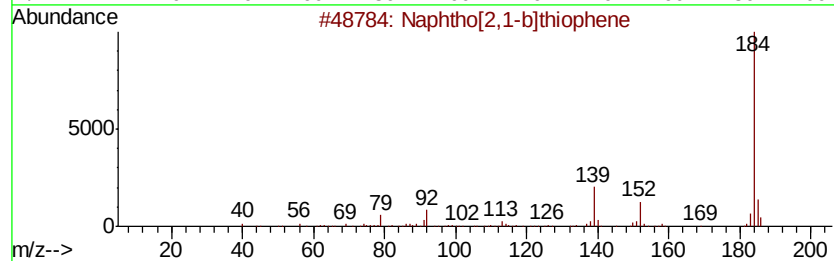
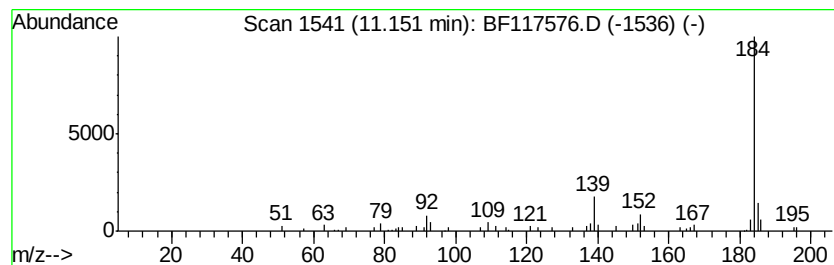
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	6.52 ng	93743	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117576.D
Acq On : 28 Oct 2019 21:51
Operator : JU
Sample : K5563-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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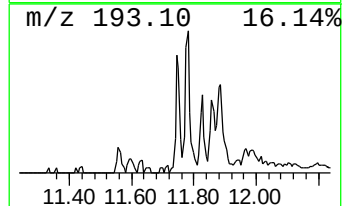
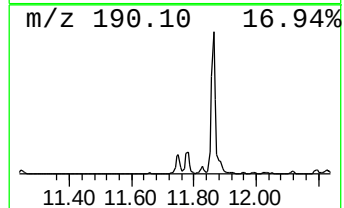
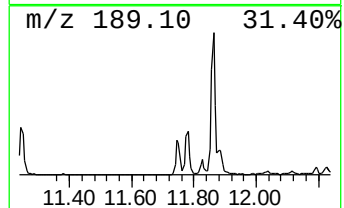
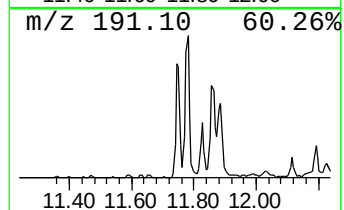
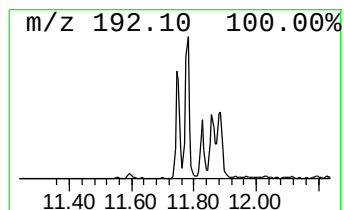
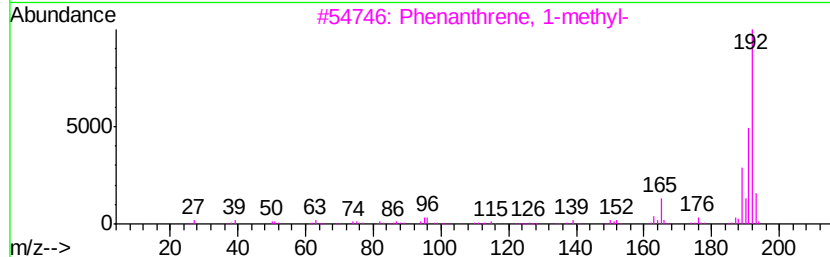
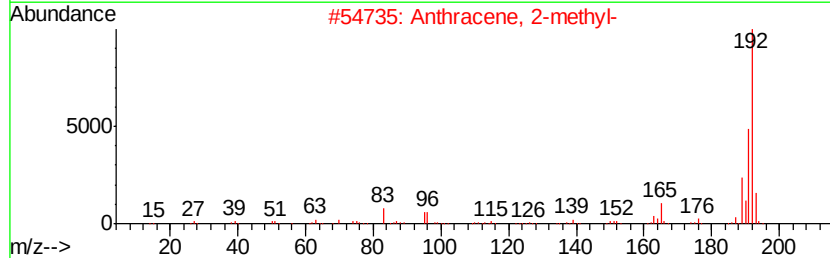
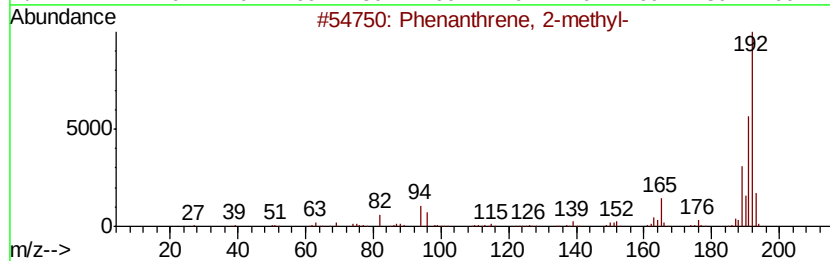
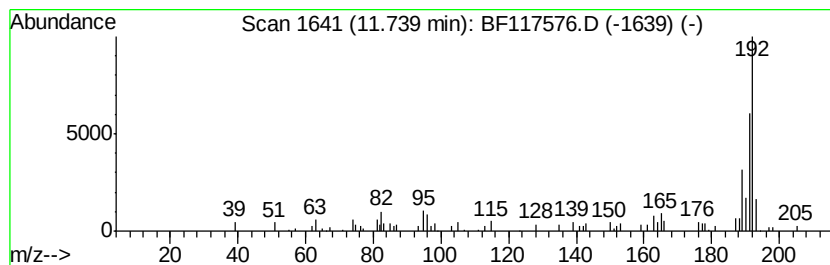
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	9.45 ng	135822	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117576.D
Acq On : 28 Oct 2019 21:51
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Sample : K5563-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

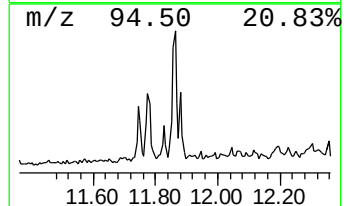
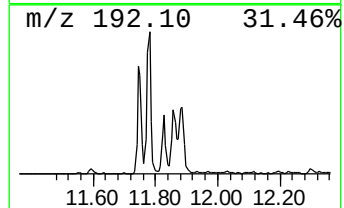
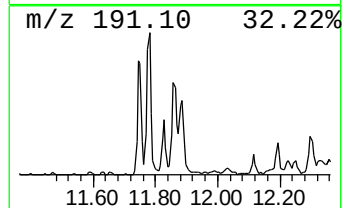
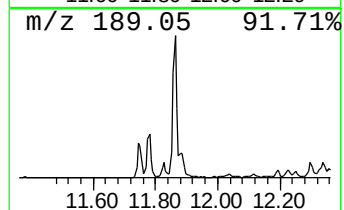
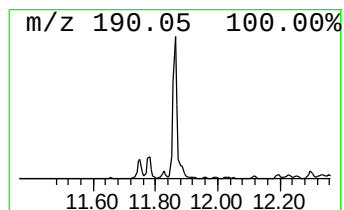
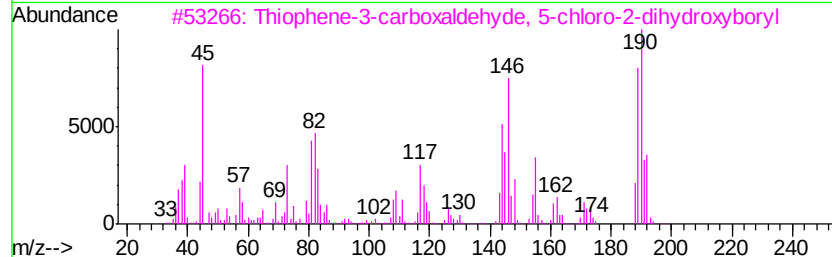
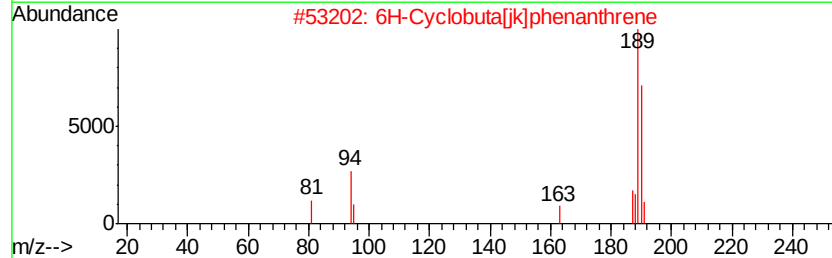
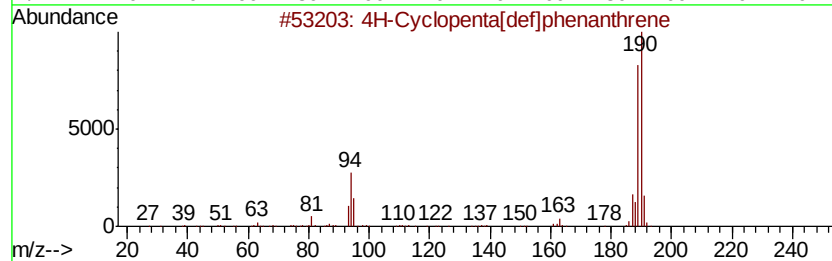
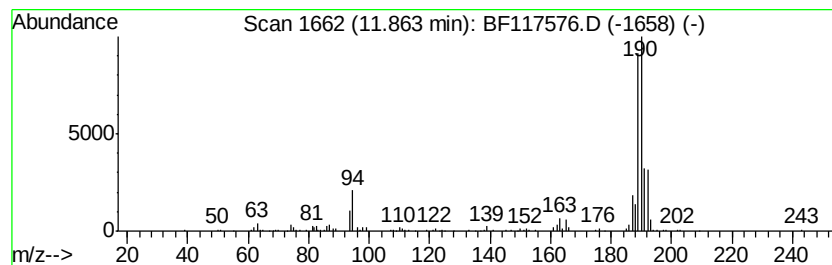
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	16.29 ng	234235	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	50
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		Megastigmatrienone	190	C13H18O	038818-55-2	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117576.D
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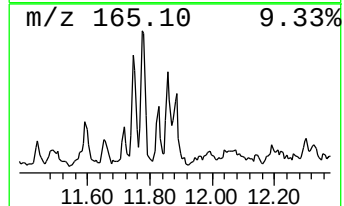
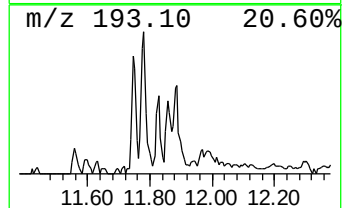
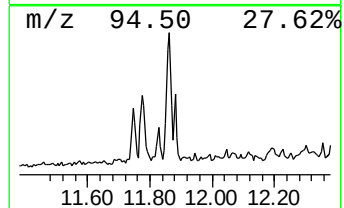
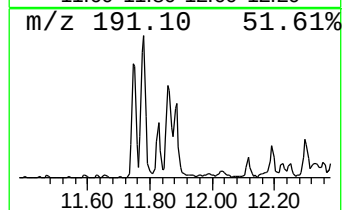
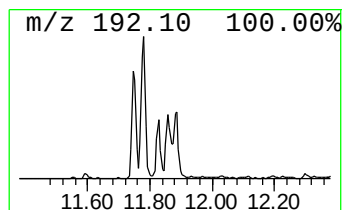
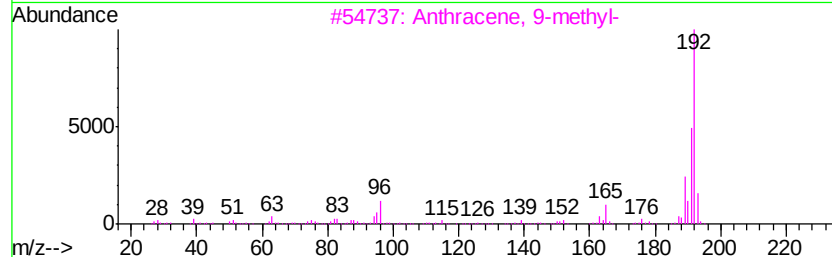
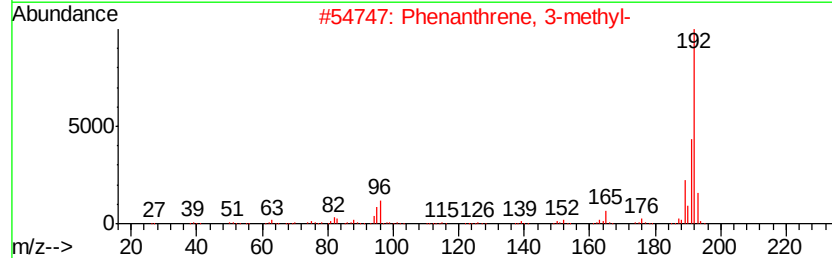
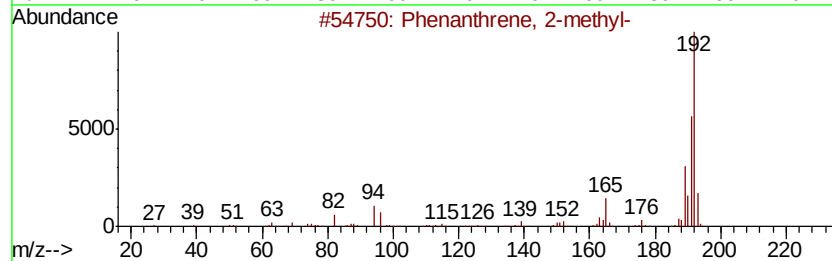
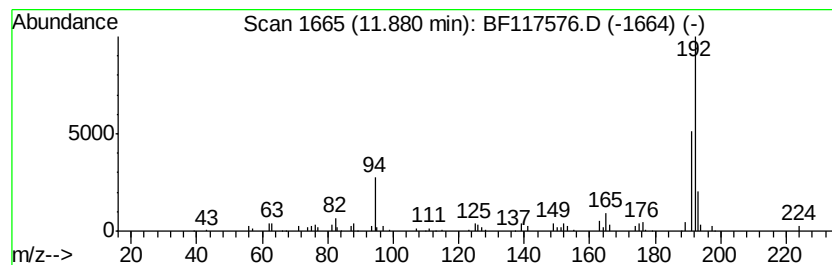
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	5.90 ng	84838	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	80
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117576.D
Acq On : 28 Oct 2019 21:51
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Misc :
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Instrument :
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ClientSampleId :
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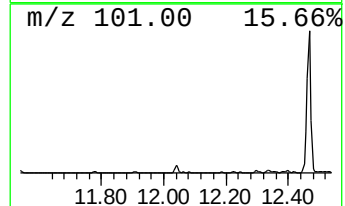
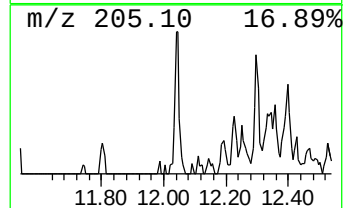
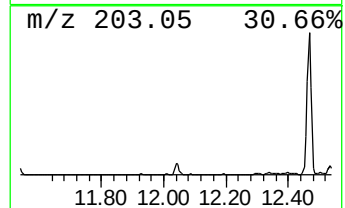
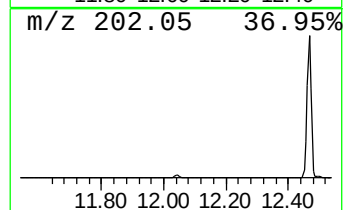
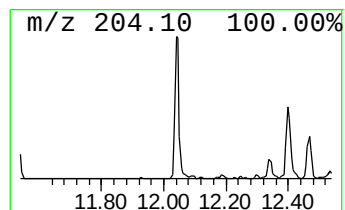
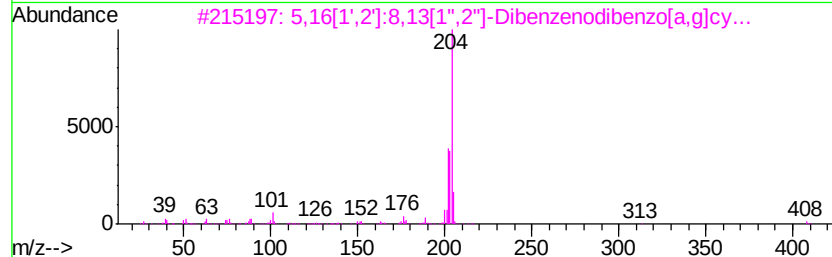
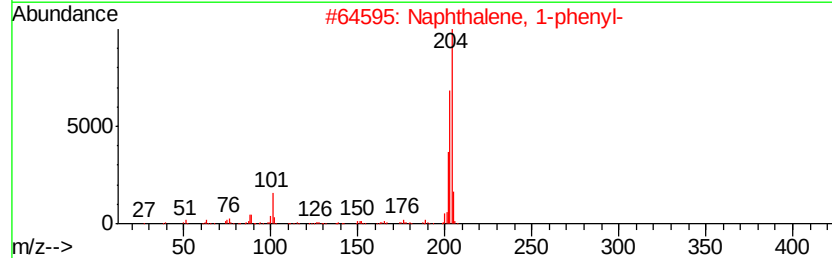
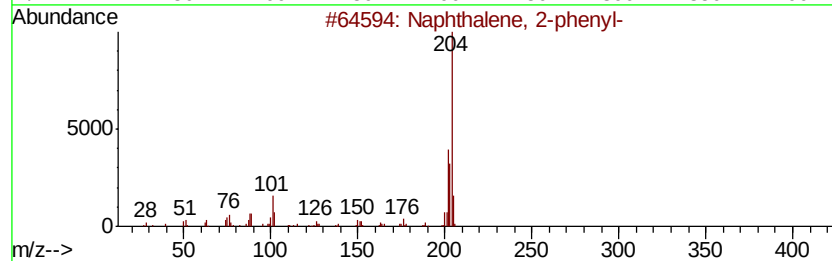
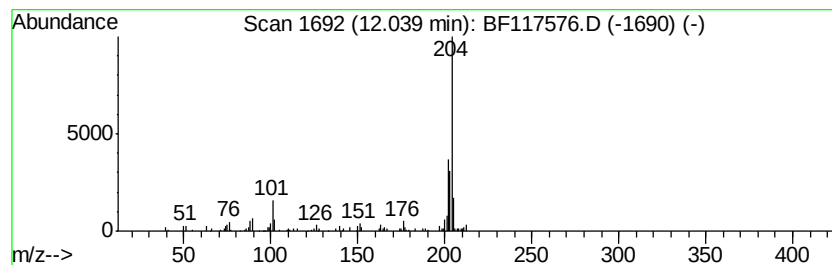
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	6.64 ng	95422	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	98
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
3		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5		Levamisole	204	C11H12N2S	014769-73-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117576.D
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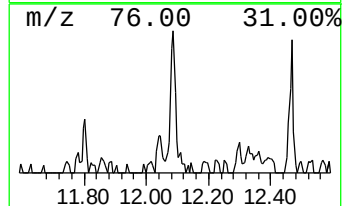
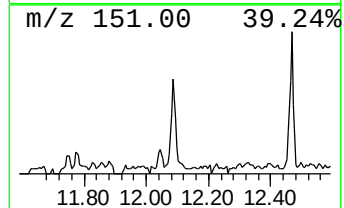
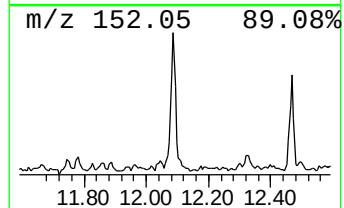
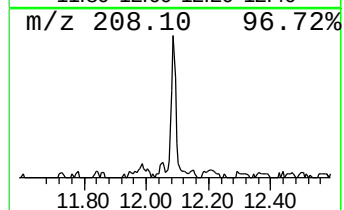
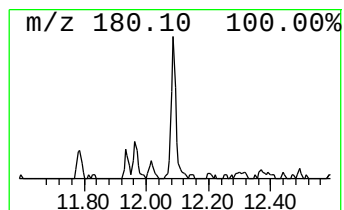
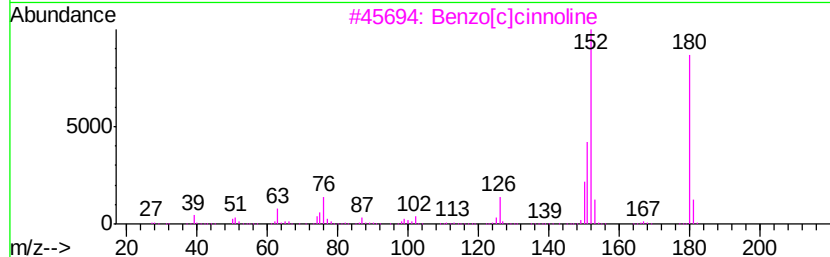
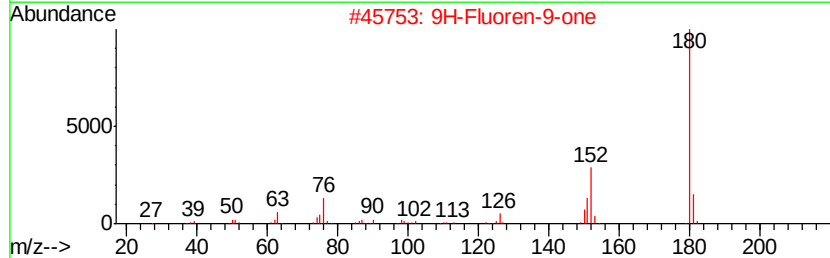
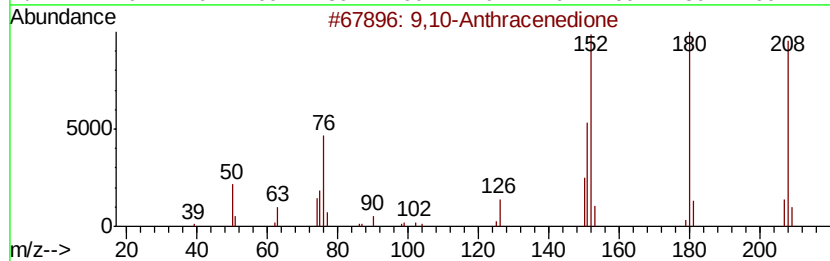
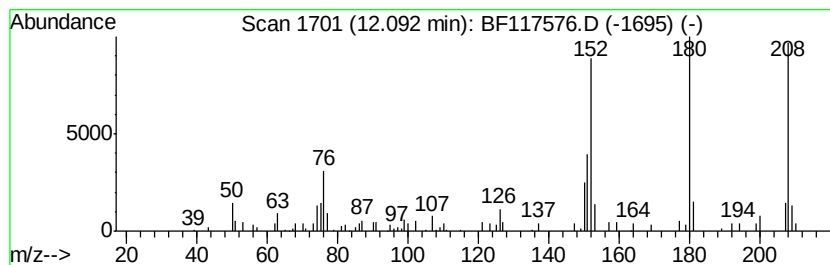
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	10.55 ng	151673	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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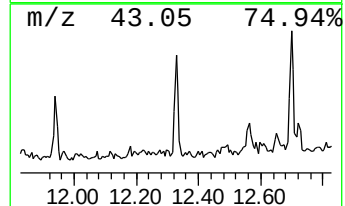
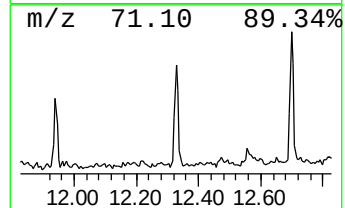
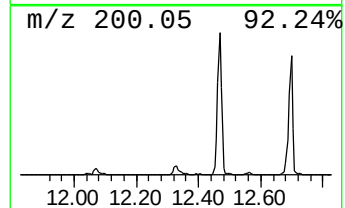
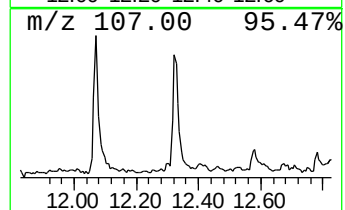
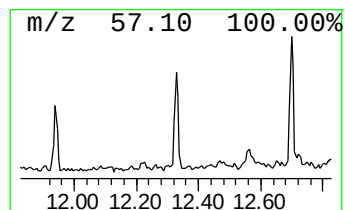
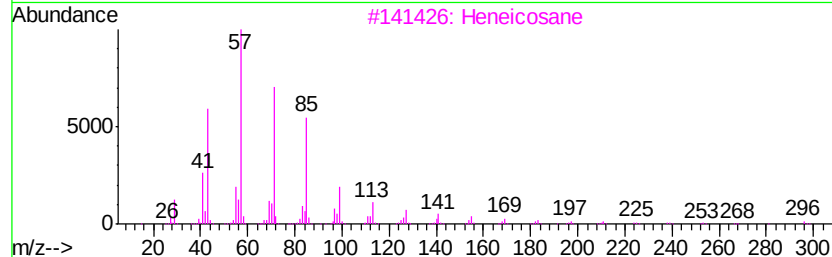
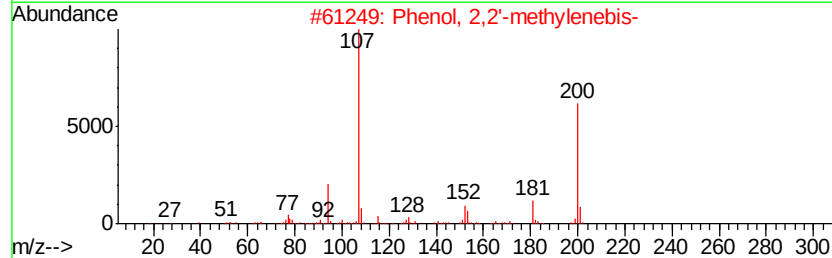
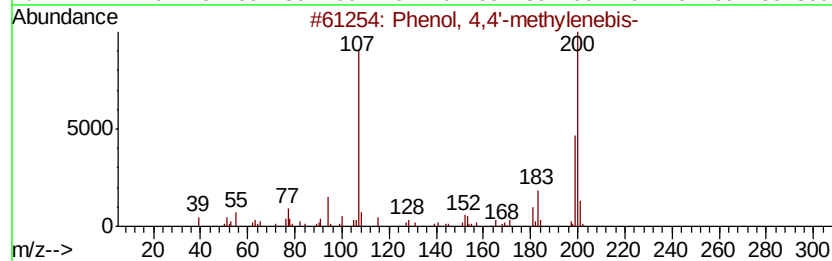
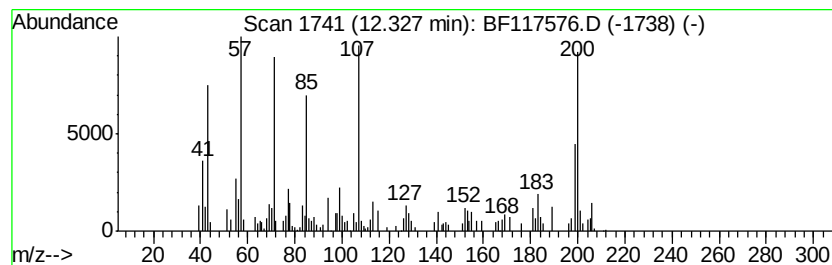
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, 4,4'-methylenebis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.33	11.71 ng	168292	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	55
2	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	46
3	Heneicosane	296	C21H44	000629-94-7	38
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	38
5	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117576.D
Acq On : 28 Oct 2019 21:51
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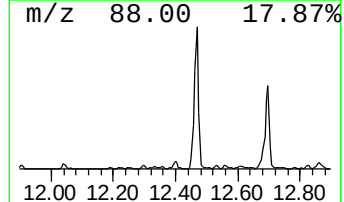
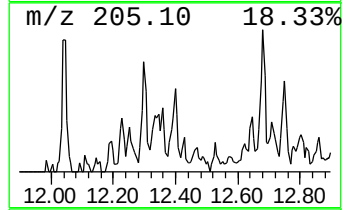
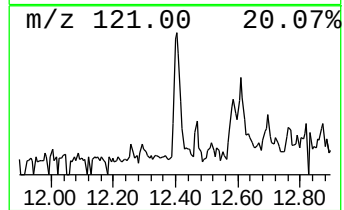
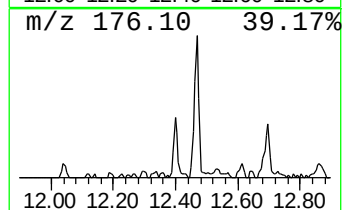
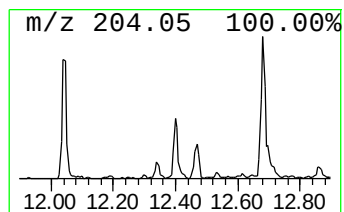
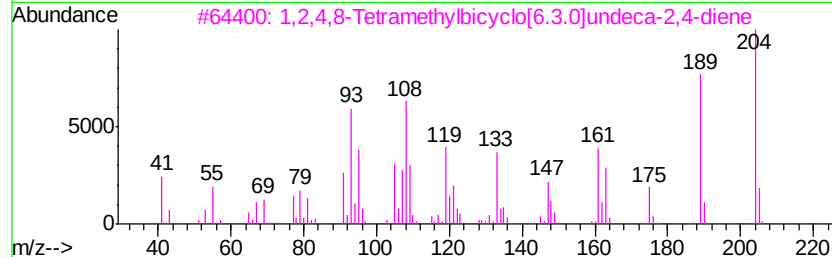
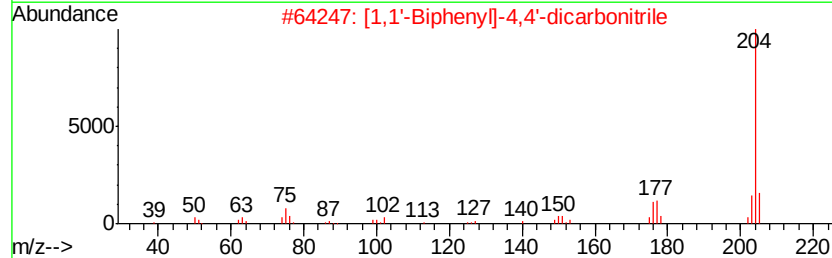
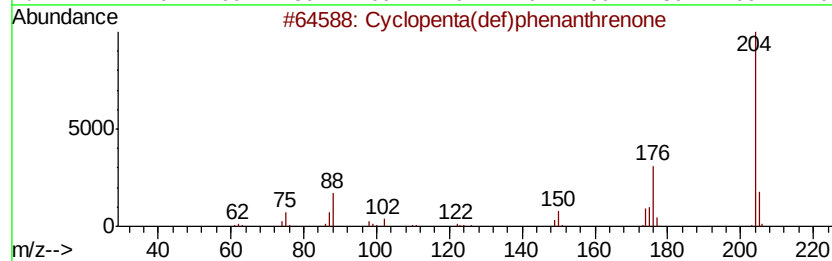
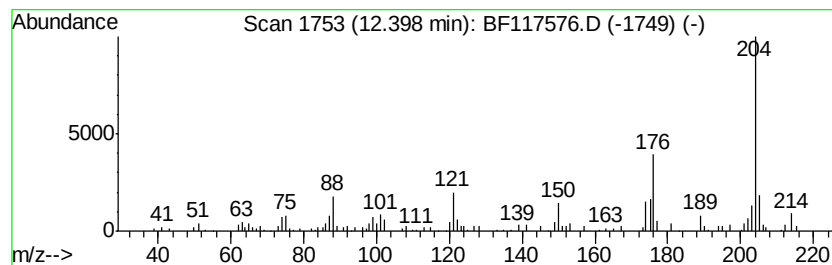
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	7.90 ng	113638	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	50
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
5		Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117576.D
Acq On : 28 Oct 2019 21:51
Operator : JU
Sample : K5563-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

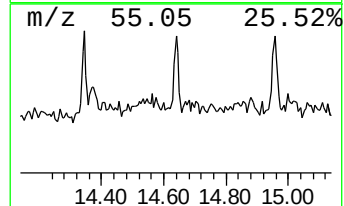
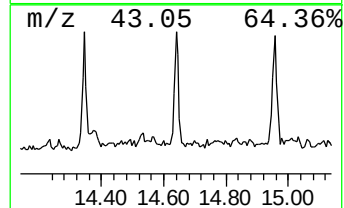
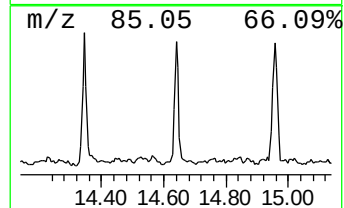
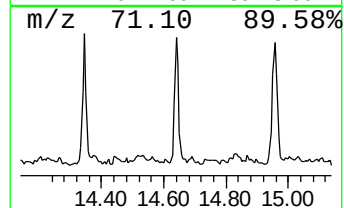
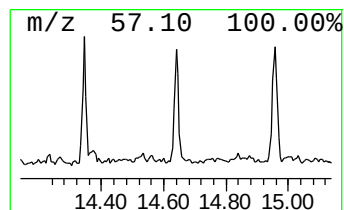
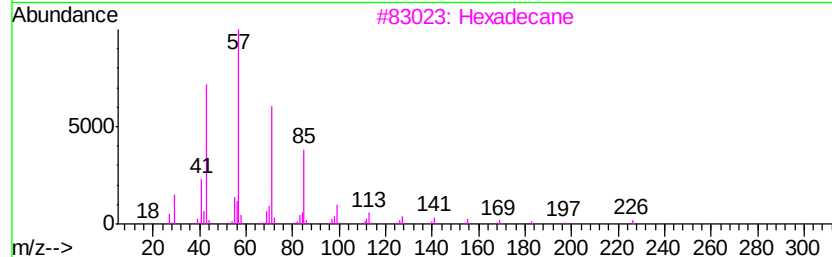
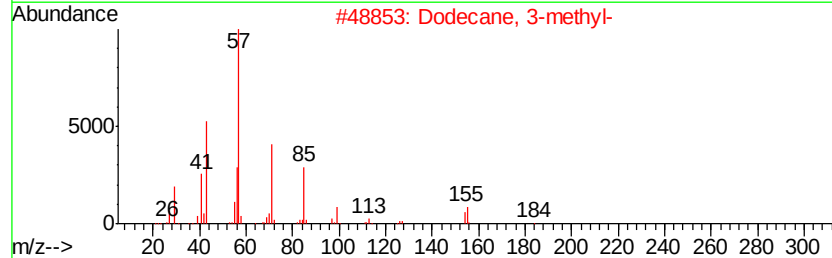
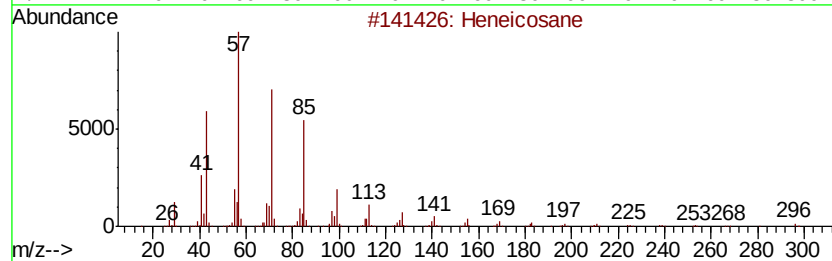
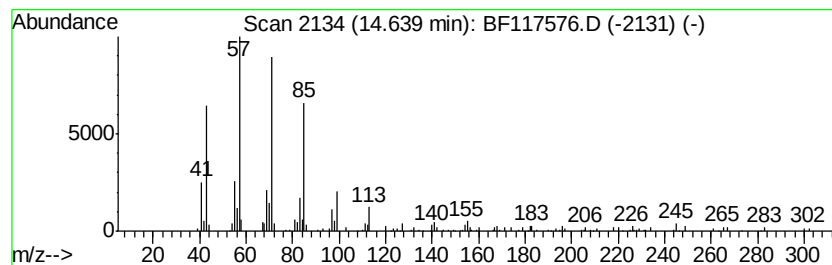
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.96 ng	115845	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	86
3		Hexadecane	226	C16H34	000544-76-3	81
4		5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	72
5		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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Sample : K5563-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

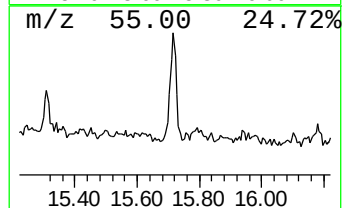
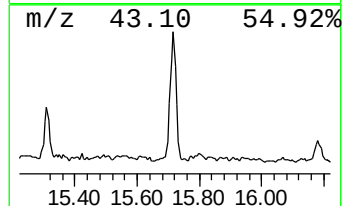
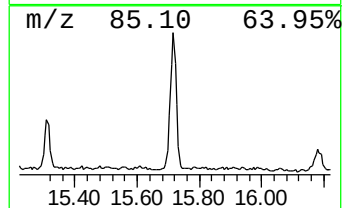
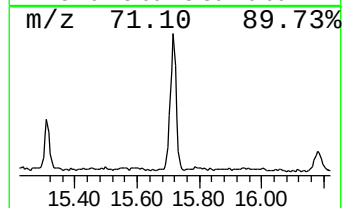
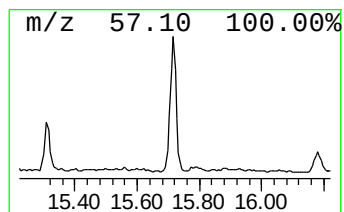
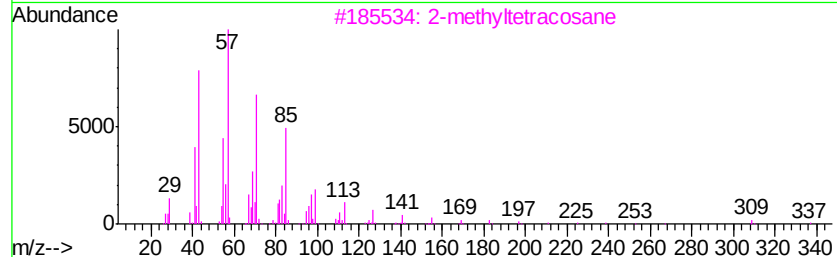
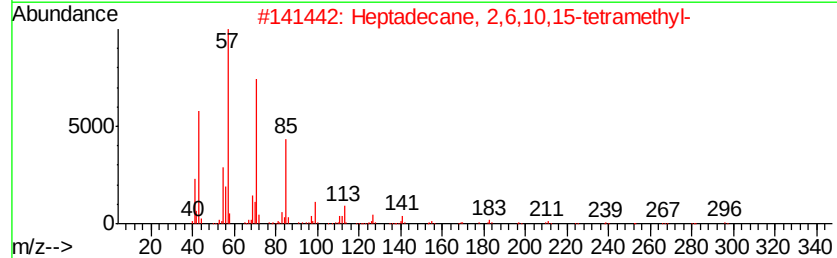
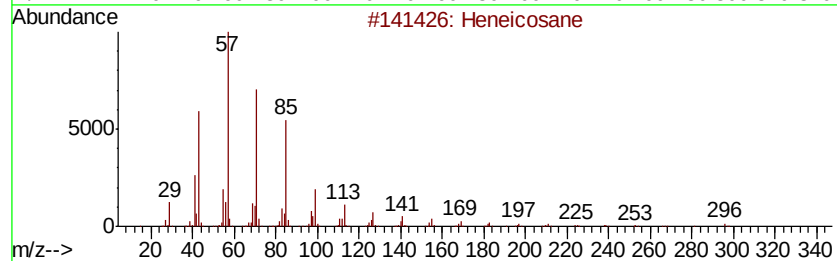
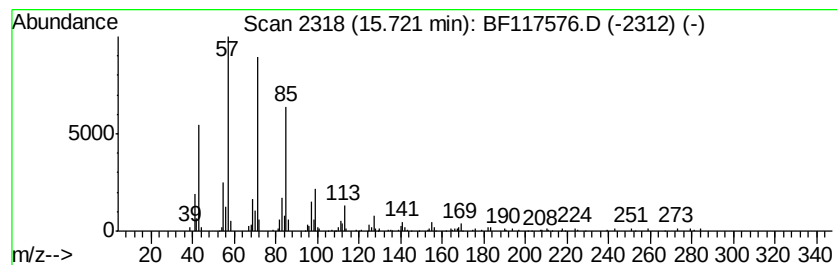
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.72	18.96 ng	276119	Perylene-d12	15.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		2-methyltetracosane	352	C25H52	1000376-72-6	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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Acq On : 28 Oct 2019 21:51
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Sample : K5563-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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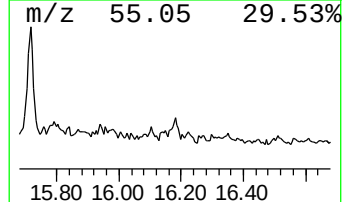
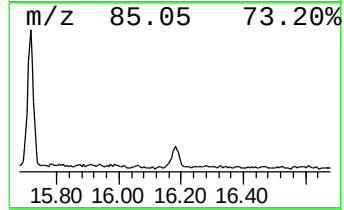
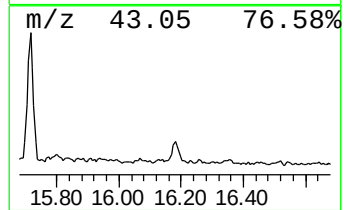
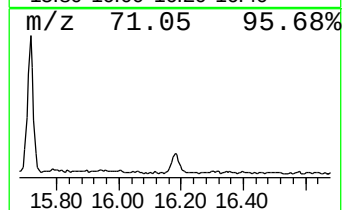
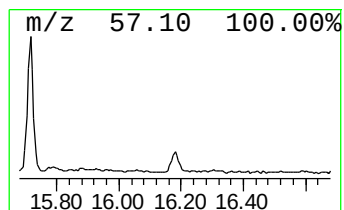
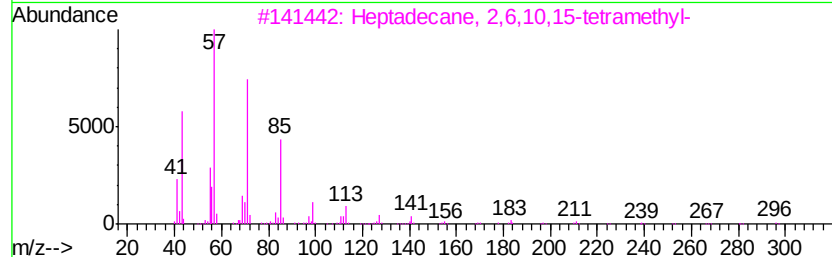
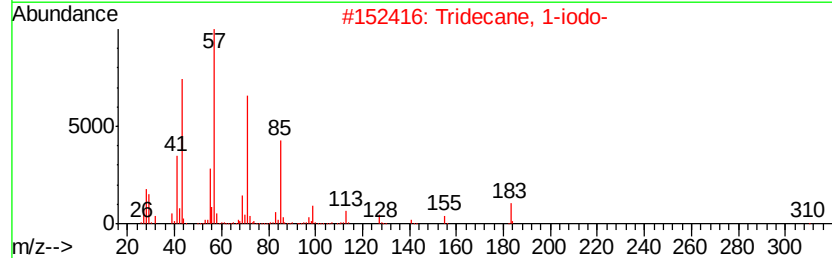
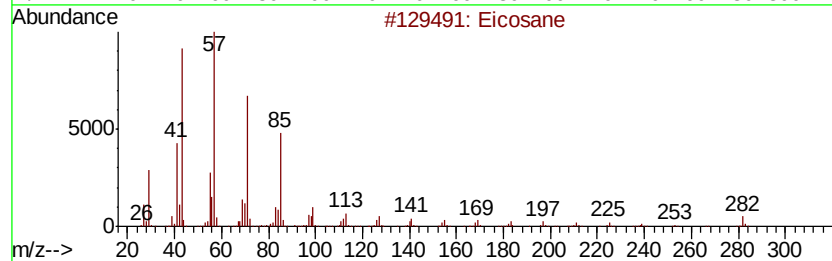
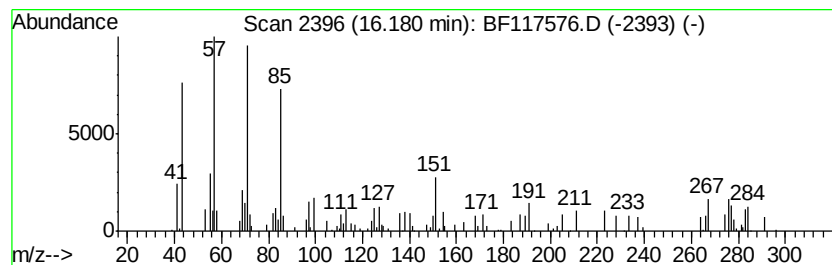
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	6.98 ng	101684	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	58
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
5		Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117576.D
Acq On : 28 Oct 2019 21:51
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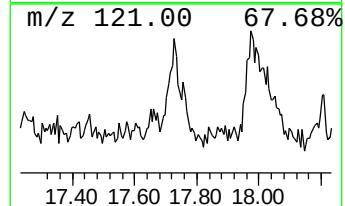
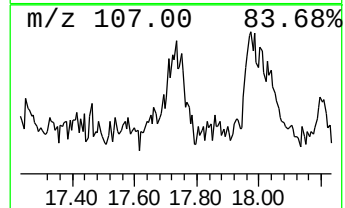
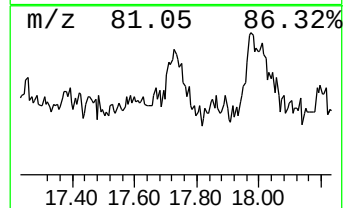
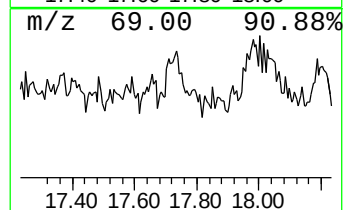
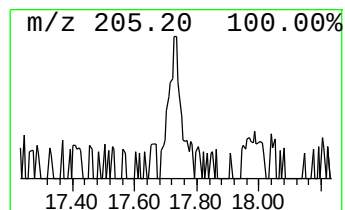
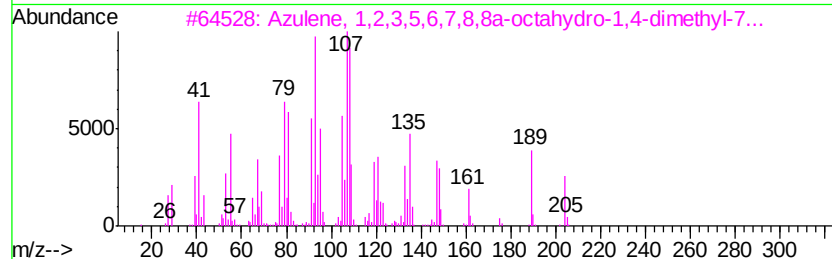
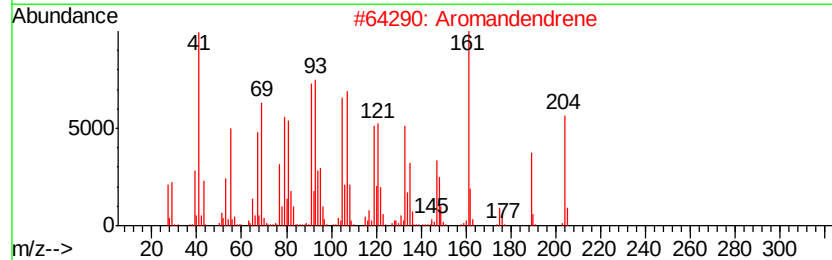
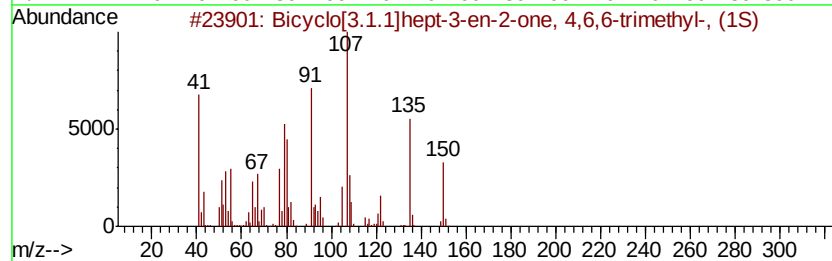
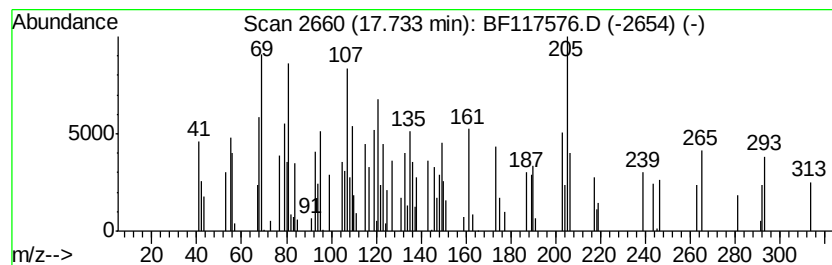
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.73 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	11.36 ng	165379	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]hept-3-en-2-one, 4...	150	C10H14O	001196-01-6	25
2		Aromandendrene	204	C15H24	000489-39-4	15
3		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	15
4		2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	15
5		Glutarimide, N-(3-methylphenyl)-	203	C12H13NO2	1000360-92-6	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117576.D
Acq On : 28 Oct 2019 21:51
Operator : JU
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Misc :
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Instrument :
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ClientSampleId :
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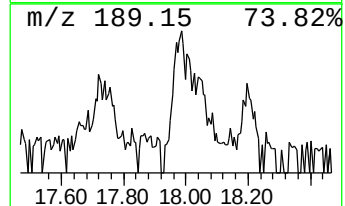
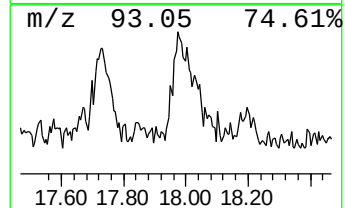
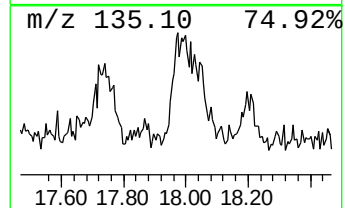
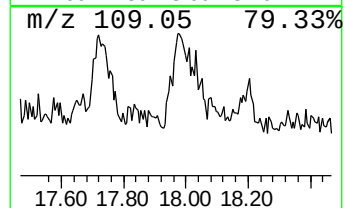
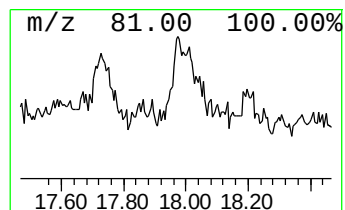
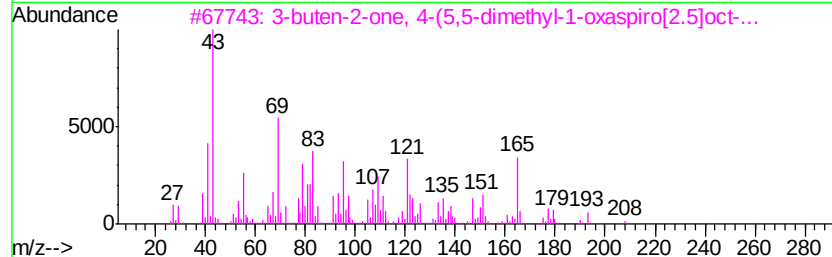
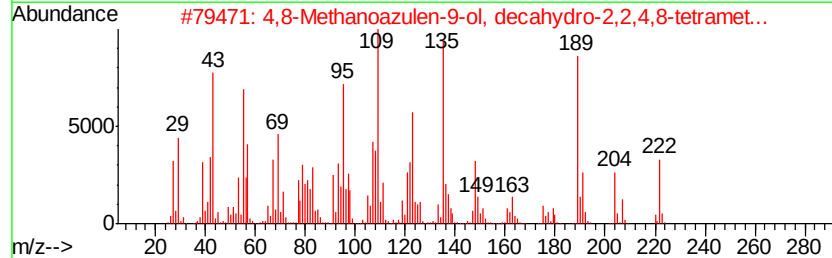
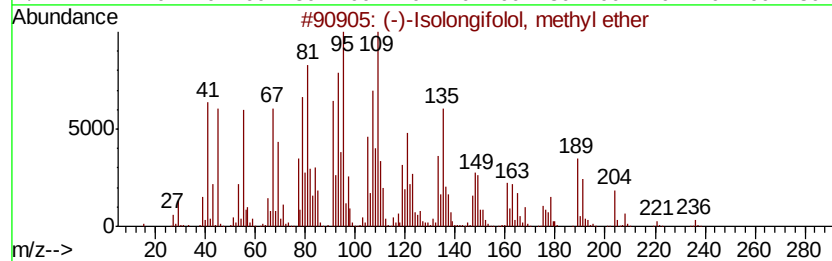
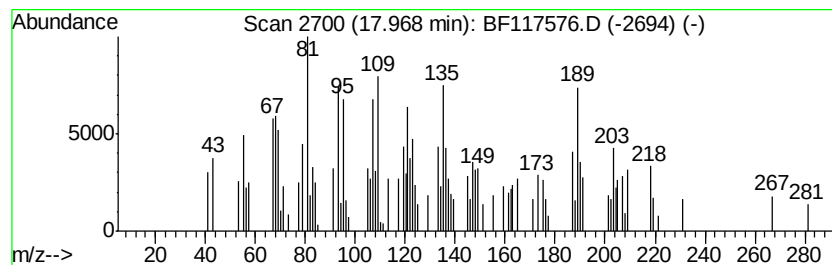
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.97 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	8.97 ng	130591	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	45
2		4,8-Methanoazulen-9-ol, decahydr...	222	C15H26O	004586-22-5	38
3		3-buten-2-one, 4-(5,5-dimethyl-1...	208	C13H20O2	1000196-66-5	38
4		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	27
5		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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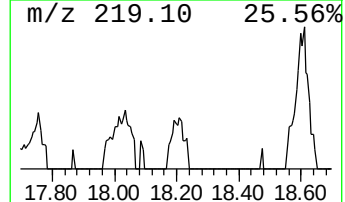
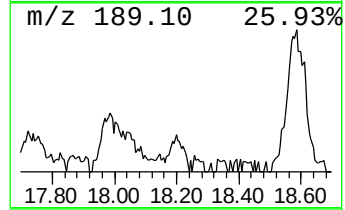
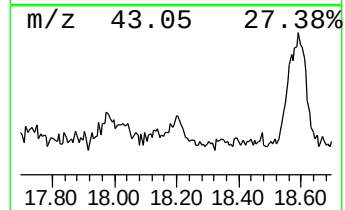
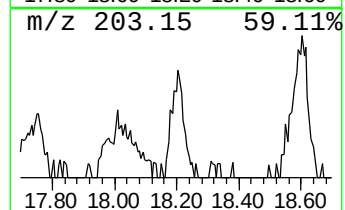
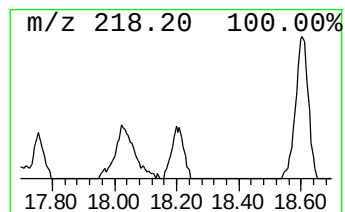
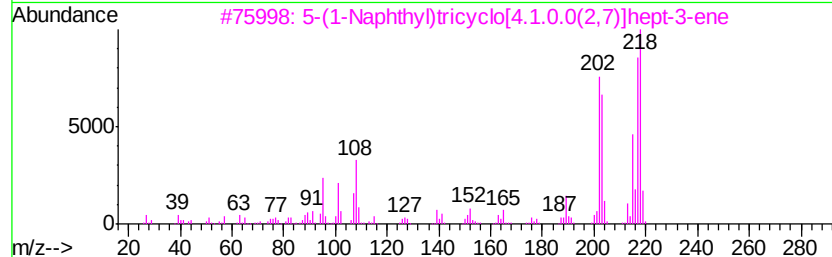
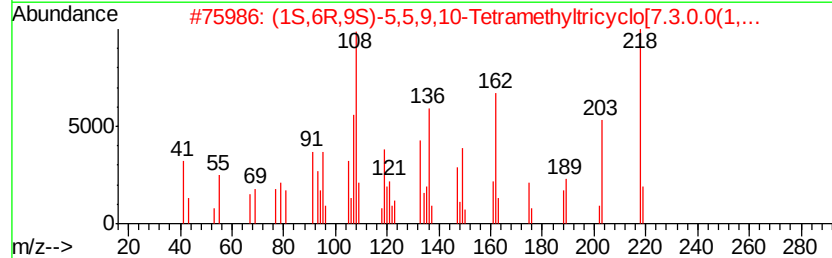
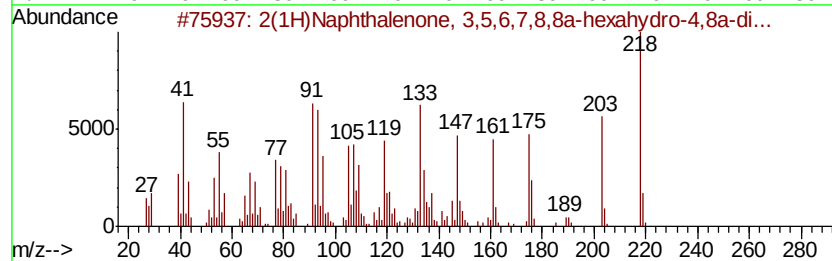
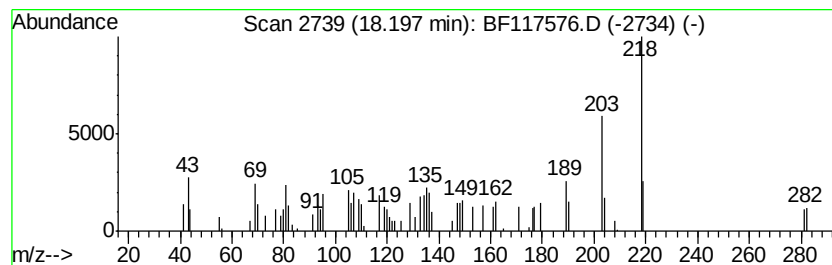
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2(1H)Naphthalenone, 3,5,6,7... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.20	5.69 ng	82819	Perylene-d12	15.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	64
2	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	58
3	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	53
4	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	53
5	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102819\
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 Acq On : 28 Oct 2019 21:51
 Operator : JU
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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
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unknown6.50	6.50	66.6	ng	822913	1	6.73	247253	20.0
Naphtho[2,1-b]thi...	11.15	6.5	ng	93743	4	11.24	287555	20.0
Phenanthrene, 2-m...	11.74	9.4	ng	135822	4	11.24	287555	20.0
4H-Cyclopenta[def...	11.86	16.3	ng	234235	4	11.24	287555	20.0
Phenanthrene, 3-m...	11.88	5.9	ng	84838	4	11.24	287555	20.0
Naphthalene, 2-ph...	12.04	6.6	ng	95422	4	11.24	287555	20.0
9,10-Anthracenedione	12.09	10.6	ng	151673	4	11.24	287555	20.0
Phenol, 4,4'-meth...	12.33	11.7	ng	168292	4	11.24	287555	20.0
Cyclopenta(def)ph...	12.40	7.9	ng	113638	4	11.24	287555	20.0
Dodecane, 3-methyl-	14.64	8.0	ng	115845	6	15.33	291200	20.0
Heneicosane	15.72	19.0	ng	276119	6	15.33	291200	20.0
Eicosane	16.18	7.0	ng	101684	6	15.33	291200	20.0
unknown17.73	17.73	11.4	ng	165379	6	15.33	291200	20.0
unknown17.97	17.97	9.0	ng	130591	6	15.33	291200	20.0
2(1H)Naphthalenon...	18.20	5.7	ng	82819	6	15.33	291200	20.0
unknown18.59	18.59	31.9	ng	464246	6	15.33	291200	20.0