

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031020\
 Data File : BF119323.D
 Acq On : 10 Mar 2020 18:21
 Operator : CG/JU
 Sample : L1849-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-230-218-211-216-242

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-BF022020.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	4.934	480	484	498	rVB	178775	279352	9.48%	0.616%
2	5.363	553	557	575	rBV	1936957	2352854	79.86%	5.184%
3	5.557	587	590	600	rVB2	40164	55626	1.89%	0.123%
4	6.386	727	731	756	rBV	1971542	2415130	81.97%	5.321%
5	6.563	756	761	765	rVV2	95333	108071	3.67%	0.238%
6	6.604	765	768	775	rVB	39535	49901	1.69%	0.110%
7	6.722	785	788	796	rBV	724242	681711	23.14%	1.502%
8	6.881	811	815	818	rBV	2367258	2125711	72.15%	4.684%
9	6.986	829	833	839	rBV2	69856	89459	3.04%	0.197%
10	7.257	876	879	881	rBV	70569	63480	2.15%	0.140%
11	7.292	881	885	892	rVV	1624016	1531084	51.97%	3.374%
12	7.345	892	894	900	rVB	40837	50394	1.71%	0.111%
13	7.580	928	934	941	rBV2	114414	150809	5.12%	0.332%
14	7.745	957	962	964	rBV	76074	88692	3.01%	0.195%
15	7.804	968	972	976	rVB	71398	83791	2.84%	0.185%
16	8.004	1001	1006	1008	rBV	973842	863848	29.32%	1.903%
17	8.027	1008	1010	1015	rVB	342998	319472	10.84%	0.704%
18	8.222	1038	1043	1048	rBV	145471	136053	4.62%	0.300%
19	8.280	1050	1053	1063	rVB	138141	145831	4.95%	0.321%
20	8.463	1080	1084	1089	rVB2	29156	42305	1.44%	0.093%
21	8.722	1124	1128	1135	rVB2	181742	197021	6.69%	0.434%
22	8.780	1135	1138	1141	rBV	76568	68546	2.33%	0.151%
23	8.816	1141	1144	1148	rVB	143913	138127	4.69%	0.304%
24	8.892	1153	1157	1160	rBV	41553	38975	1.32%	0.086%
25	8.998	1172	1175	1178	rBV	78434	65195	2.21%	0.144%
26	9.080	1184	1189	1192	rBV	3371816	2946298	100.00%	6.492%
27	9.163	1199	1203	1205	rBV	53520	56942	1.93%	0.125%
28	9.280	1220	1223	1228	rVB2	40374	54741	1.86%	0.121%
29	9.351	1231	1235	1238	rBV	55649	71453	2.43%	0.157%
30	9.422	1243	1247	1249	rVV	108826	117702	3.99%	0.259%
31	9.445	1249	1251	1253	rVV	66506	67336	2.29%	0.148%
32	9.480	1253	1257	1264	rVV	459403	544191	18.47%	1.199%
33	9.539	1264	1267	1273	rVB	63151	75395	2.56%	0.166%
34	9.622	1278	1281	1285	rBV	137222	125956	4.28%	0.278%

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35	9.692	1290	1293	1297	rVB	103357	88260	3.00%	0.194%
36	9.757	1297	1304	1307	rBV	1162768	1030454	34.97%	2.270%
37	9.792	1307	1310	1317	rVV	361152	362020	12.29%	0.798%
38	9.863	1320	1322	1327	rVB3	36362	41034	1.39%	0.090%
39	9.916	1327	1331	1335	rBV3	58929	95236	3.23%	0.210%
40	9.963	1335	1339	1343	rVV	252930	267329	9.07%	0.589%
41	10.004	1343	1346	1350	rVB3	76787	102339	3.47%	0.225%
42	10.074	1355	1358	1361	rBV2	49157	52093	1.77%	0.115%
43	10.169	1370	1374	1375	rBV2	43108	57721	1.96%	0.127%
44	10.186	1375	1377	1380	rVB	248793	206402	7.01%	0.455%
45	10.304	1394	1397	1403	rVB	508618	479070	16.26%	1.056%
46	10.410	1410	1415	1418	rBV2	190980	243976	8.28%	0.538%
47	10.463	1421	1424	1427	rVB2	116526	104076	3.53%	0.229%
48	10.492	1427	1429	1432	rBV2	51503	43927	1.49%	0.097%
49	10.527	1432	1435	1436	rBV	67871	65246	2.21%	0.144%
50	10.551	1436	1439	1444	rBV	1700436	1557806	52.87%	3.432%
51	10.663	1454	1458	1466	rBV2	497189	747149	25.36%	1.646%
52	10.857	1487	1491	1494	rBV3	154276	205660	6.98%	0.453%
53	10.886	1494	1496	1499	rVB	118975	95369	3.24%	0.210%
54	10.916	1499	1501	1503	rBV2	42143	39753	1.35%	0.088%
55	10.945	1503	1506	1508	rVB2	52534	52747	1.79%	0.116%
56	10.986	1510	1513	1514	rBV2	66893	63669	2.16%	0.140%
57	11.110	1530	1534	1536	rBV	630337	563579	19.13%	1.242%
58	11.139	1536	1539	1545	rVB	511259	511668	17.37%	1.127%
59	11.245	1554	1557	1559	rBV	955736	909413	30.87%	2.004%
60	11.268	1559	1561	1565	rVV	2161224	2102766	71.37%	4.633%
61	11.321	1567	1570	1573	rVB	717737	615680	20.90%	1.357%
62	11.357	1573	1576	1578	rBV3	113901	132391	4.49%	0.292%
63	11.416	1584	1586	1589	rVB	102019	87954	2.99%	0.194%
64	11.451	1589	1592	1593	rBV2	86159	65544	2.22%	0.144%
65	11.486	1593	1598	1602	rVV3	345277	442792	15.03%	0.976%
66	11.533	1603	1606	1610	rVV	736826	637714	21.64%	1.405%
67	11.698	1631	1634	1637	rBV2	127505	171212	5.81%	0.377%
68	11.745	1639	1642	1645	rBV	261867	254868	8.65%	0.562%
69	11.774	1645	1647	1653	rVB	387679	413084	14.02%	0.910%
70	11.827	1653	1656	1658	rBV2	180501	168914	5.73%	0.372%
71	11.863	1658	1662	1664	rBV	425654	455052	15.44%	1.003%

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72	11.939	1673	1675	1680	rBV	555215	515767	17.51%	1.136%
73	12.039	1690	1692	1695	rVB2	158193	138403	4.70%	0.305%
74	12.221	1721	1723	1726	rVB2	223915	201358	6.83%	0.444%
75	12.298	1734	1736	1738	rVB	156405	115755	3.93%	0.255%
76	12.327	1738	1741	1745	rVB2	436606	388253	13.18%	0.855%
77	12.463	1761	1764	1768	rBV	2235017	1935724	65.70%	4.265%
78	12.692	1797	1803	1808	rBV	1809813	2208986	74.97%	4.867%
79	12.827	1821	1826	1829	rBV	2545603	2386134	80.99%	5.258%
80	12.904	1837	1839	1845	rVB3	136194	214148	7.27%	0.472%
81	12.998	1852	1855	1856	rBV3	118204	133358	4.53%	0.294%
82	13.021	1856	1859	1861	rVB	375413	321734	10.92%	0.709%
83	13.051	1862	1864	1867	rBV3	110820	116754	3.96%	0.257%
84	13.086	1867	1870	1873	rBV	390059	351893	11.94%	0.775%
85	13.180	1883	1886	1889	rVB2	116434	127403	4.32%	0.281%
86	13.251	1895	1898	1905	rBV5	134160	228108	7.74%	0.503%
87	13.398	1920	1923	1925	rBV2	127608	115419	3.92%	0.254%
88	13.639	1962	1964	1966	rBV	113222	97309	3.30%	0.214%
89	13.692	1971	1973	1976	rBV2	143729	189293	6.42%	0.417%
90	13.886	2002	2006	2009	rBV2	1134892	1624610	55.14%	3.580%
91	13.915	2009	2011	2014	rVB	831537	701899	23.82%	1.547%
92	13.998	2022	2025	2027	rVB	147233	124169	4.21%	0.274%
93	14.915	2177	2181	2184	rBV	633693	888522	30.16%	1.958%
94	15.021	2196	2199	2202	rVB	144248	150300	5.10%	0.331%
95	15.204	2226	2230	2236	rVB	325229	376755	12.79%	0.830%
96	15.262	2237	2240	2244	rVV	476615	599035	20.33%	1.320%
97	15.321	2246	2250	2253	rVV	494416	611153	20.74%	1.347%
98	15.351	2253	2255	2262	rVB2	135328	209825	7.12%	0.462%
99	16.739	2485	2491	2498	rVB2	180634	346598	11.76%	0.764%
100	17.168	2559	2564	2572	rVB	118642	230431	7.82%	0.508%

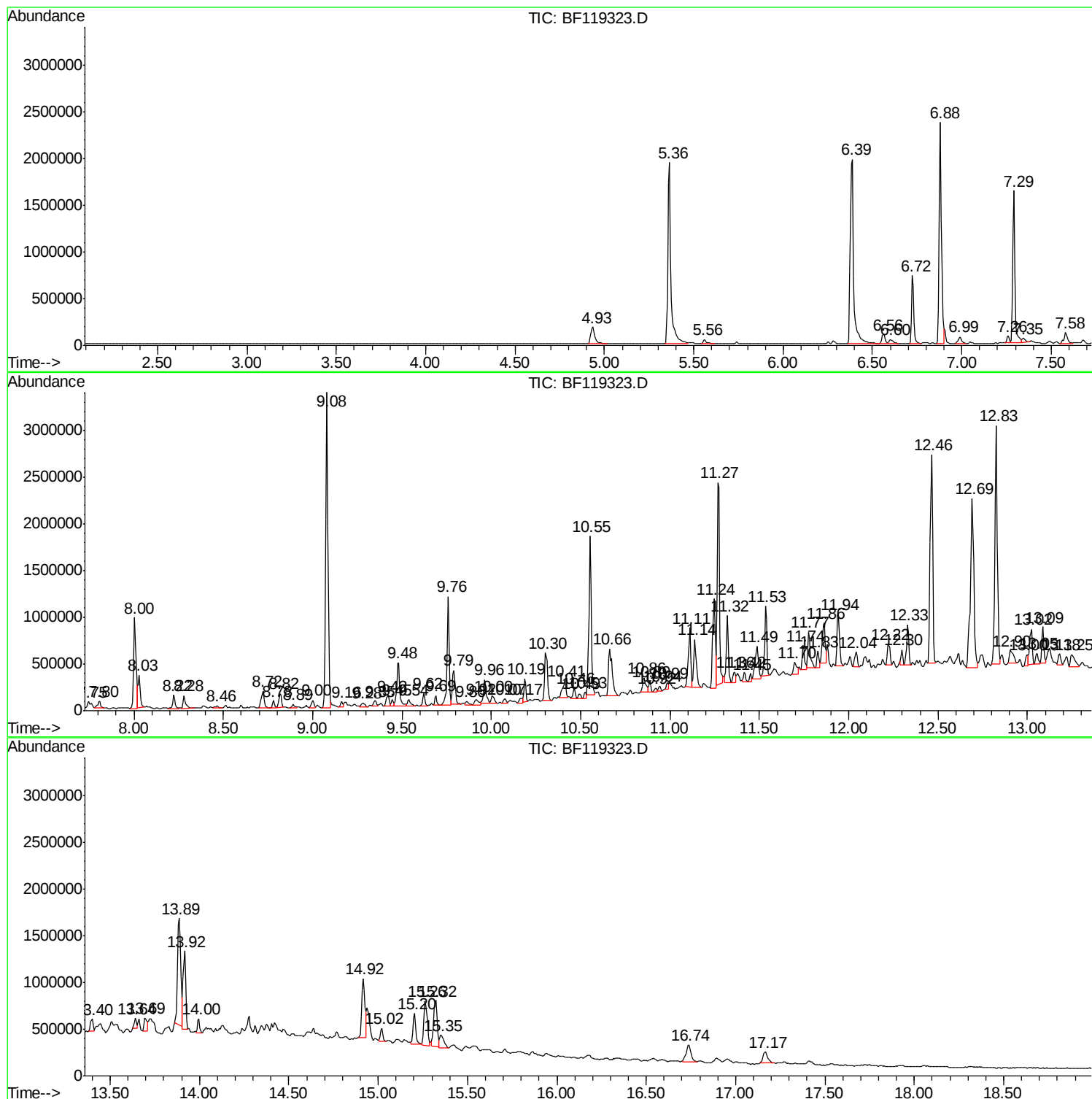
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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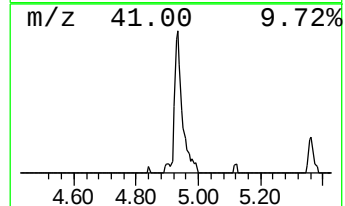
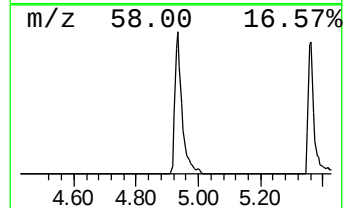
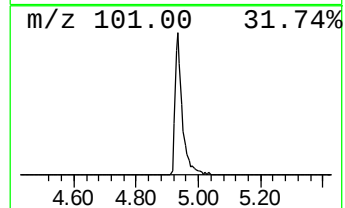
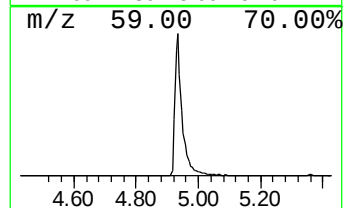
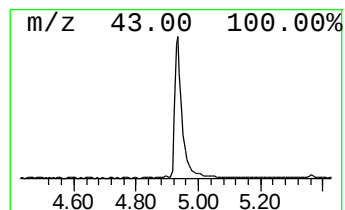
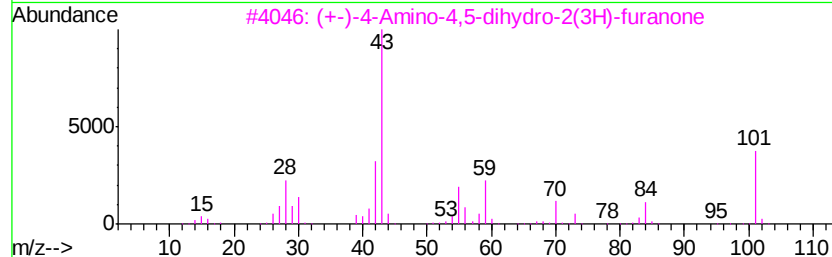
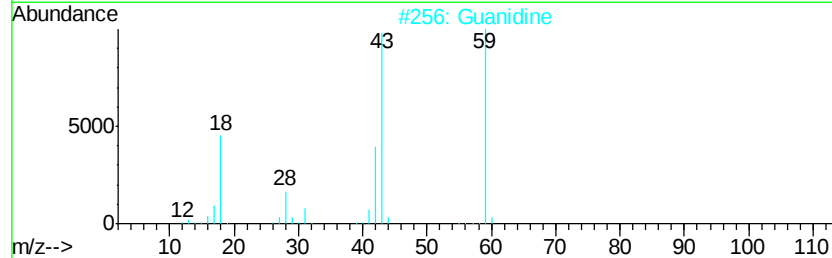
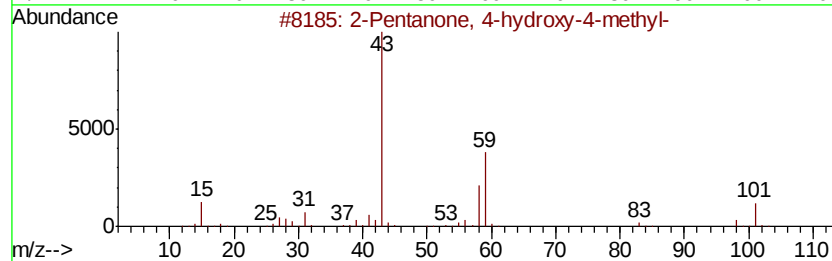
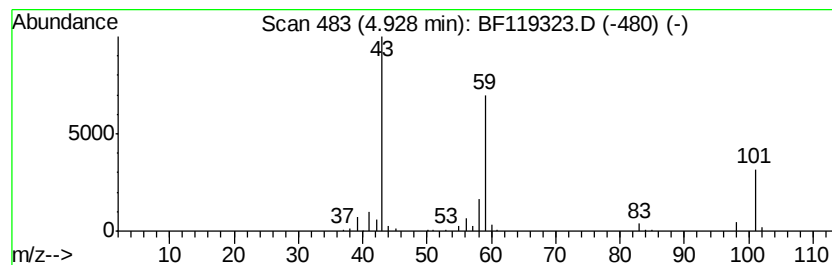
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	8.20 ng	279352	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Guanidine	59	CH5N3	000113-00-8	50
3			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	35
4			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	28
5			Acetone	58	C3H6O	000067-64-1	9



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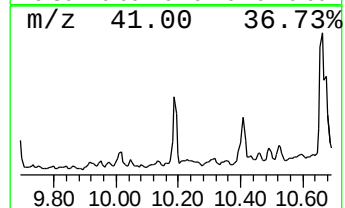
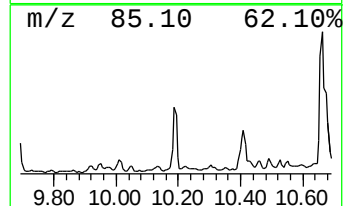
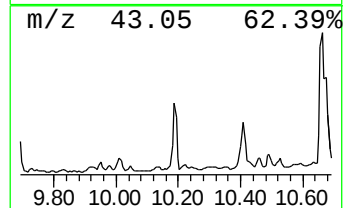
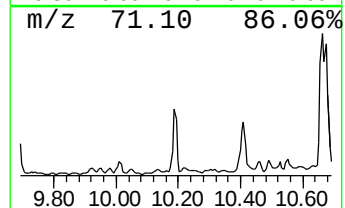
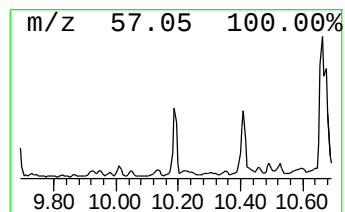
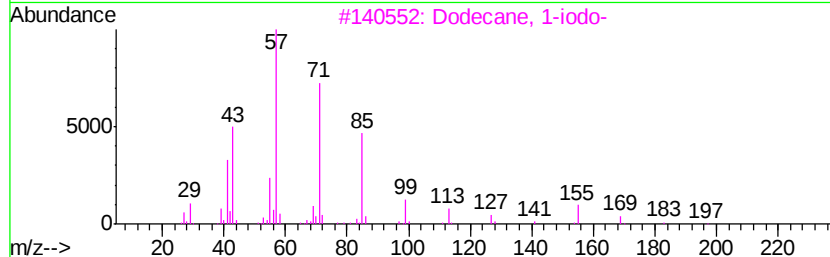
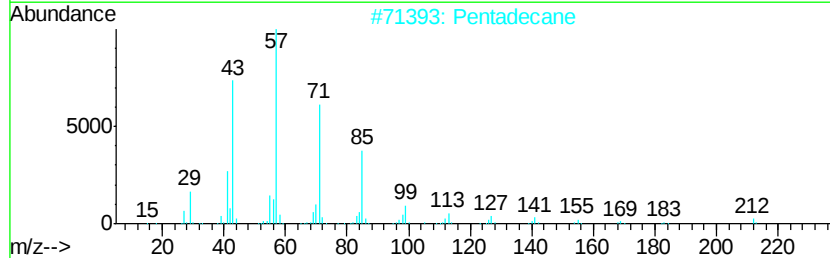
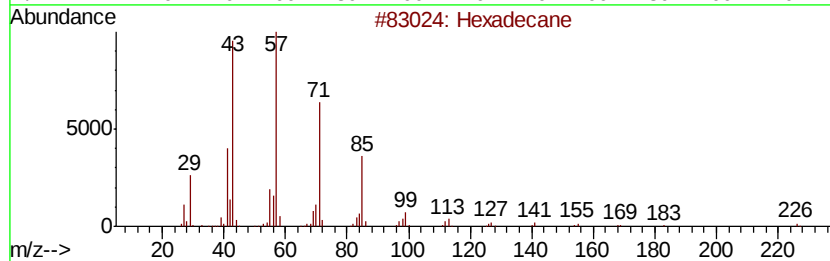
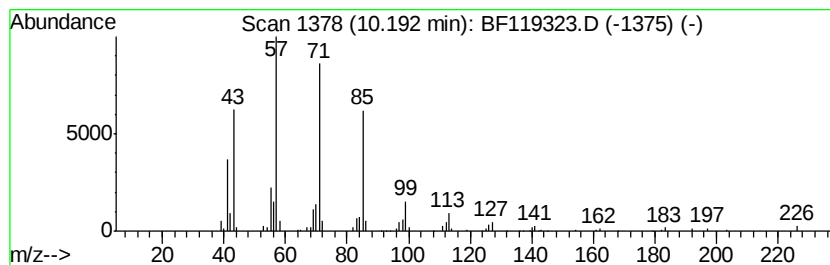
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	4.01 ng	206402	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Pentadecane	212 C15H32	000629-62-9	90
3	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	86
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	86
5	Undecane, 2-methyl-	170 C12H26	007045-71-8	80



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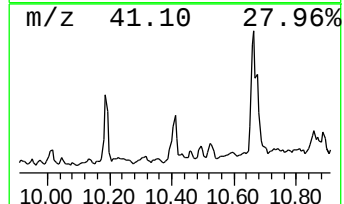
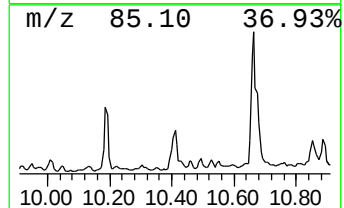
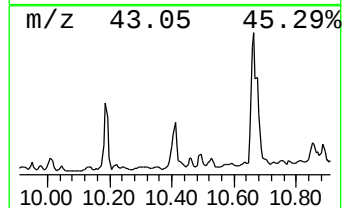
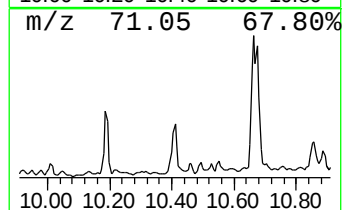
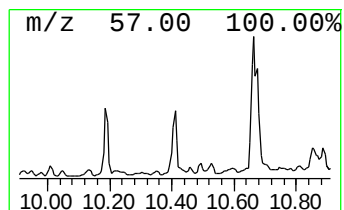
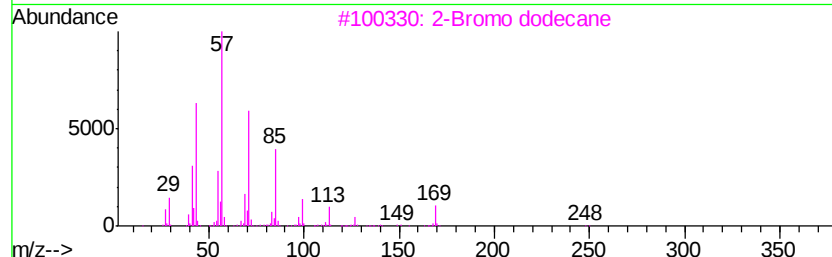
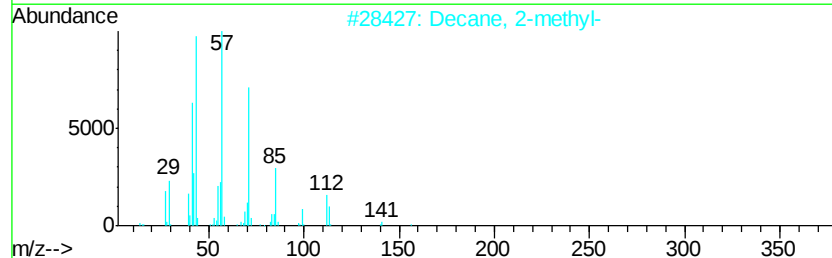
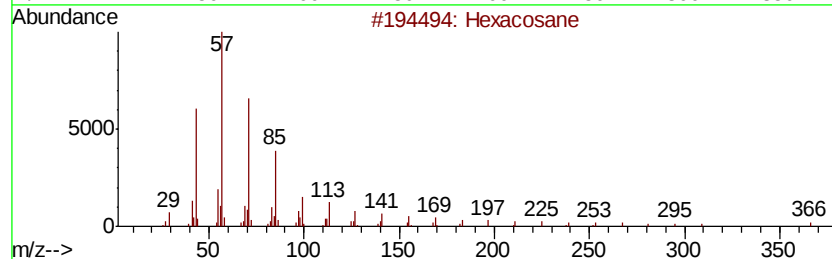
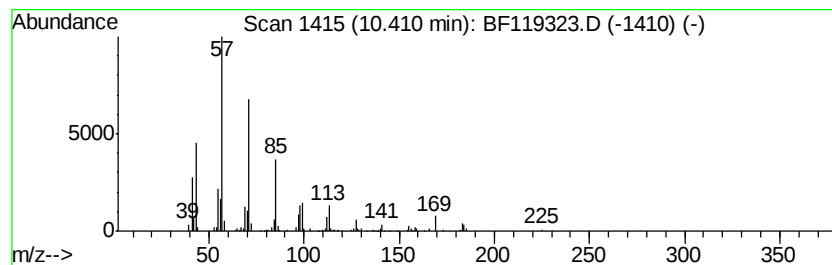
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.41	4.74 ng	243976	Acenaphthene-d10		9.76
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	81
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
Acq On : 10 Mar 2020 18:21
Operator : CG/JU
Sample : L1849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-230-218-211-216-242

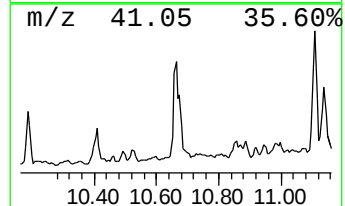
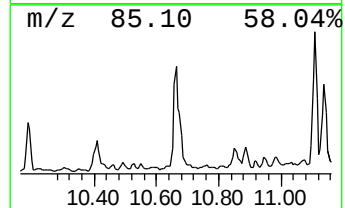
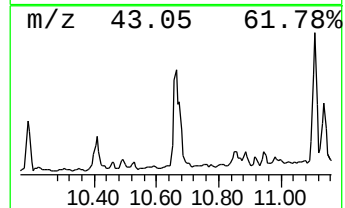
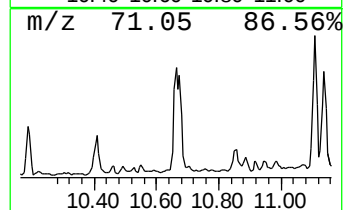
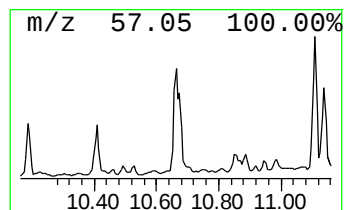
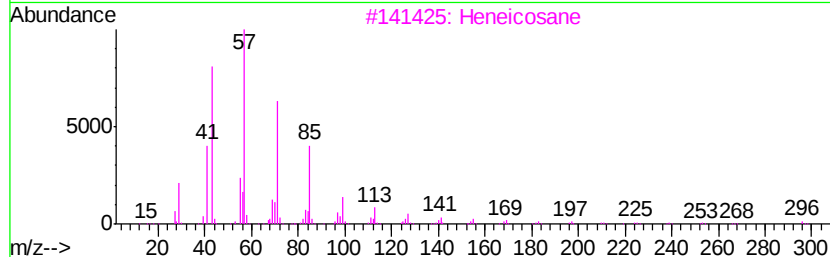
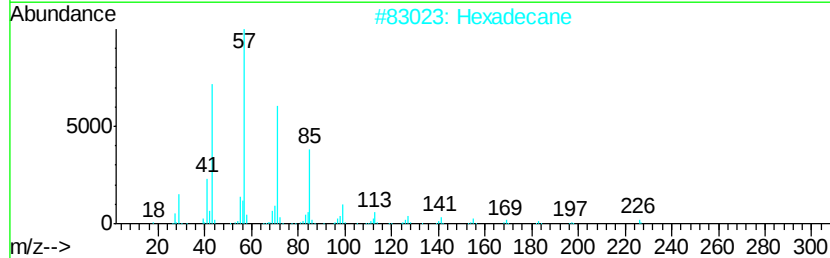
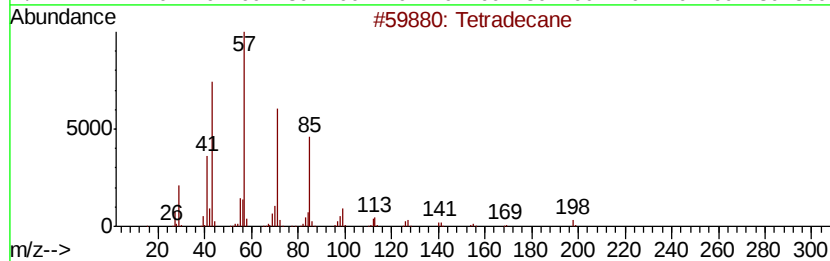
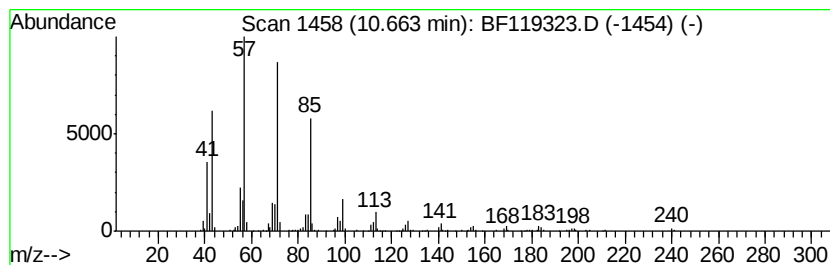
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	16.43 ng	747149	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	83
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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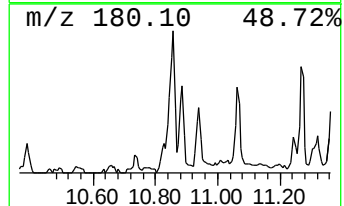
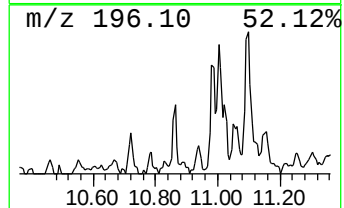
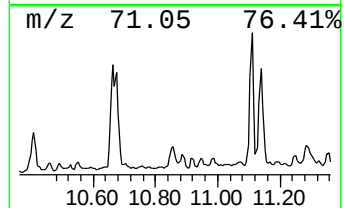
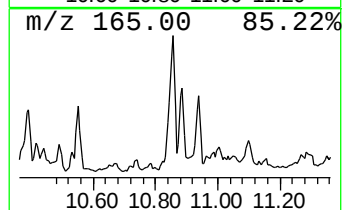
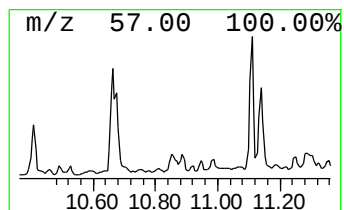
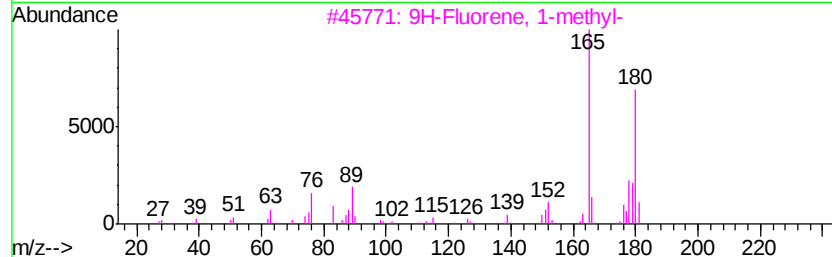
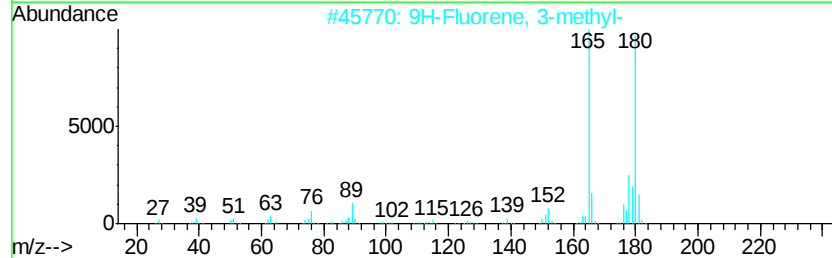
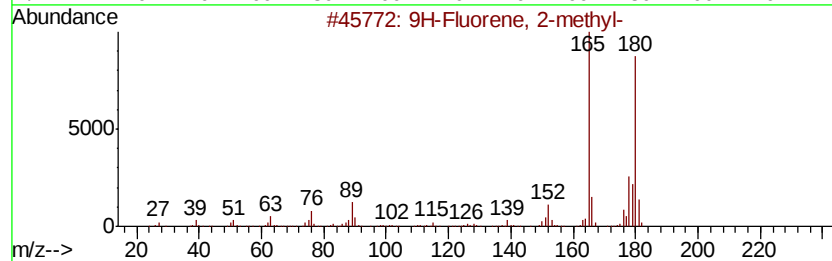
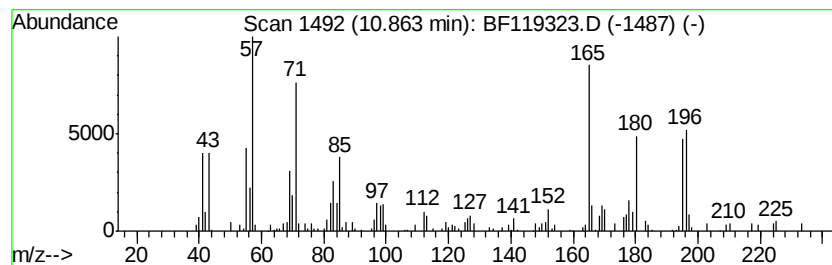
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	4.52 ng	205660	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	66
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	46
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	41
5	cis-Stilbene	180	C14H12	000645-49-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
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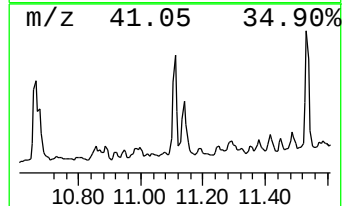
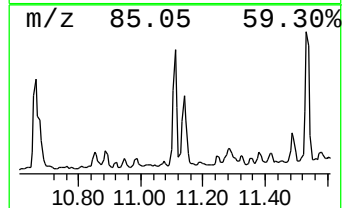
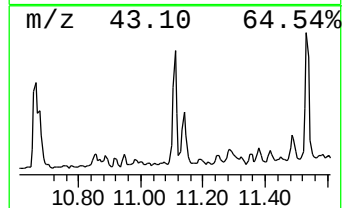
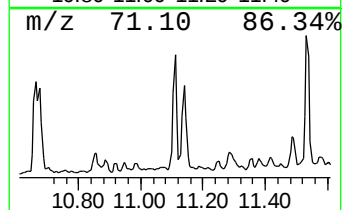
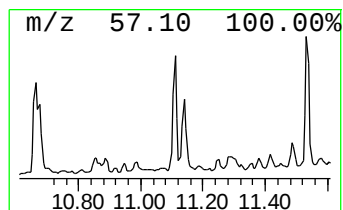
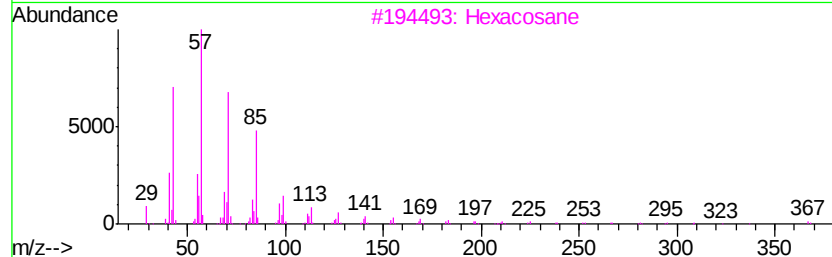
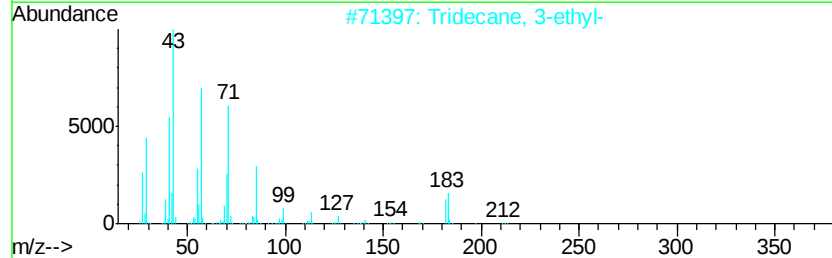
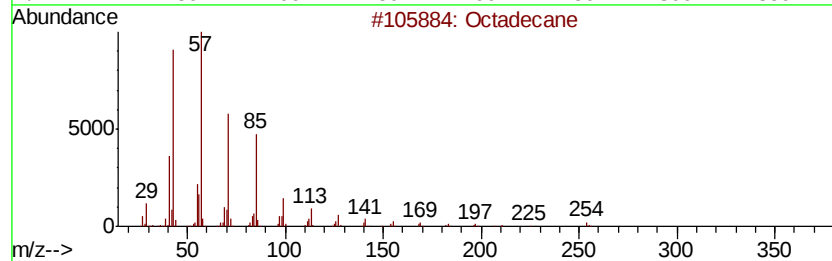
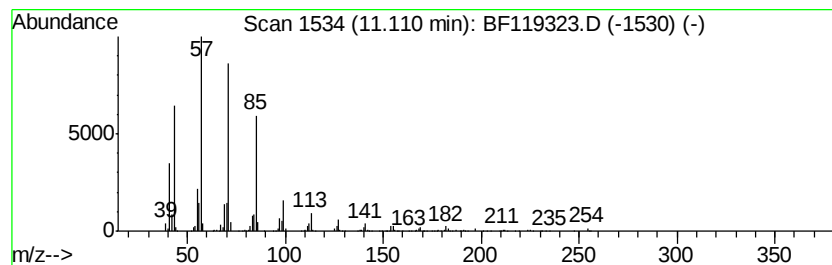
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.11	12.39 ng	563579	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	90
2	Tridecane, 3-ethyl-		212	C15H32	013286-73-2	90
3	Hexacosane		366	C26H54	000630-01-3	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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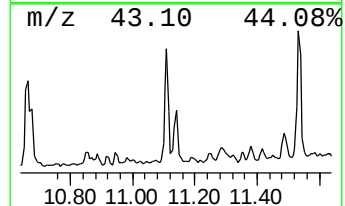
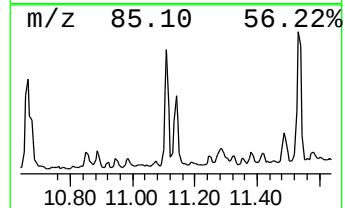
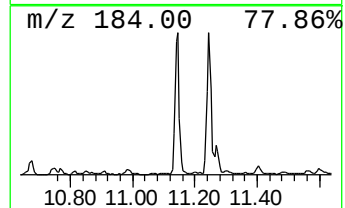
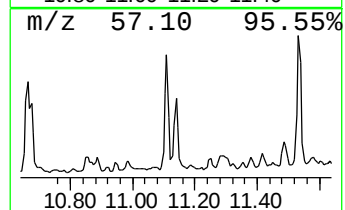
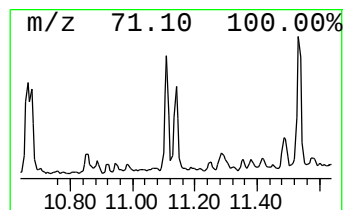
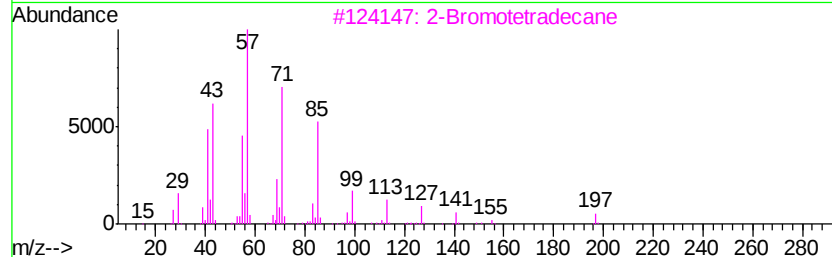
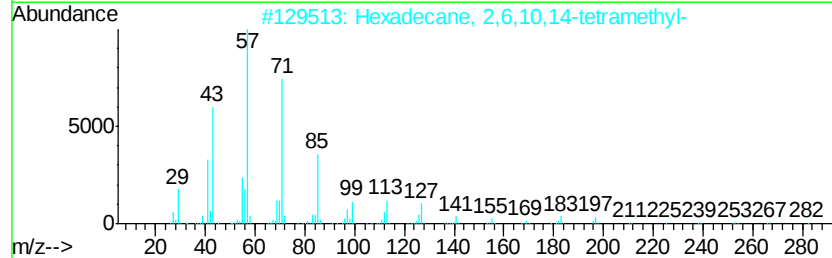
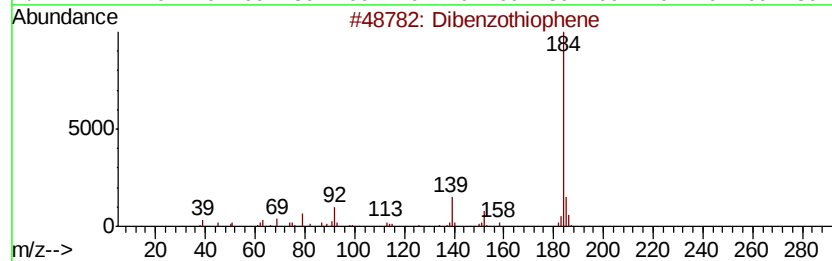
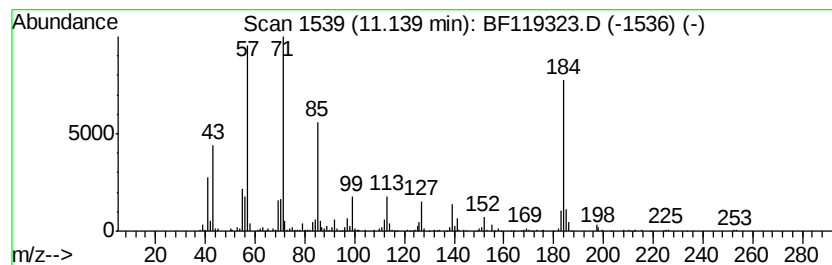
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.14	11.25 ng	511668	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	80
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	45
4	Tetradecane	198	C14H30	000629-59-4	45
5	Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
Acq On : 10 Mar 2020 18:21
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ALS Vial : 13 Sample Multiplier: 1

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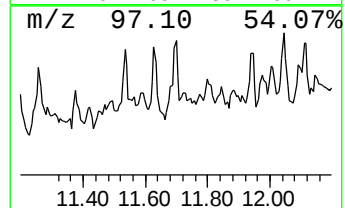
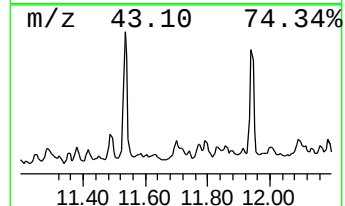
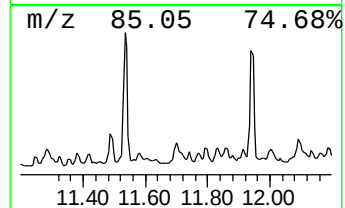
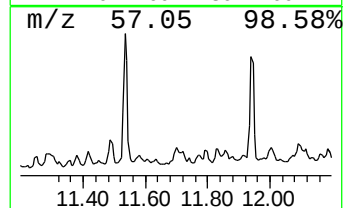
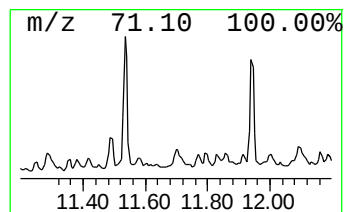
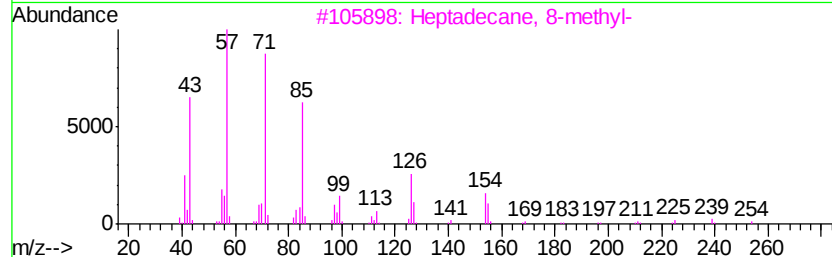
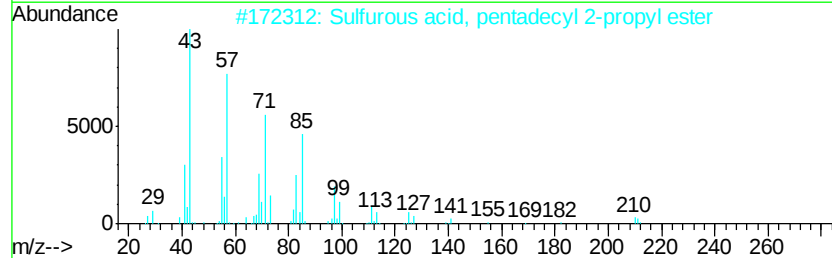
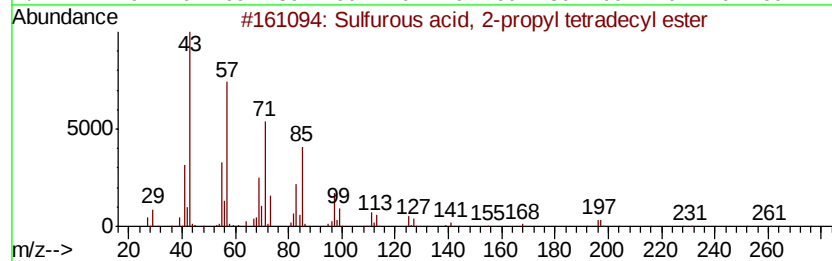
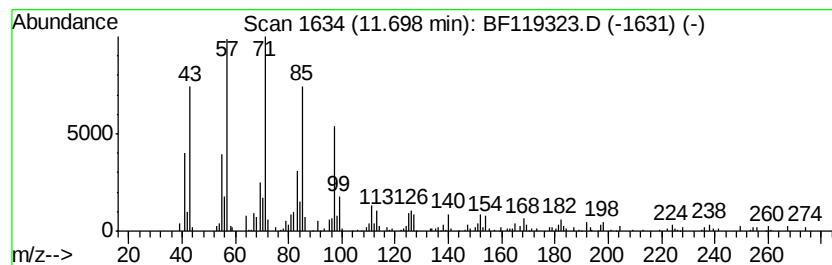
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, 2-propyl te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.77 ng	171212	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	74
2		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	70
4		Tetratetracontane	619	C44H90	007098-22-8	64
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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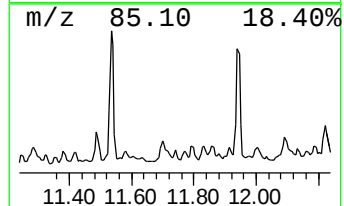
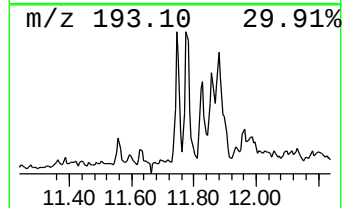
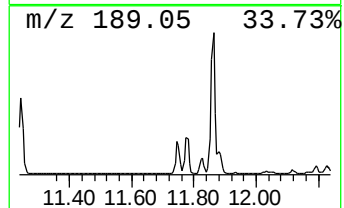
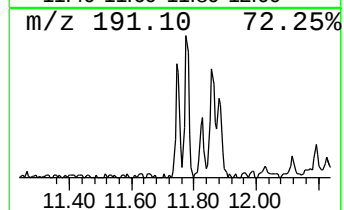
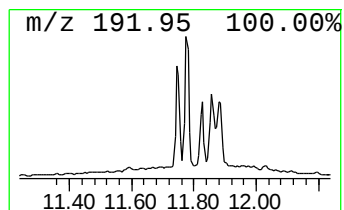
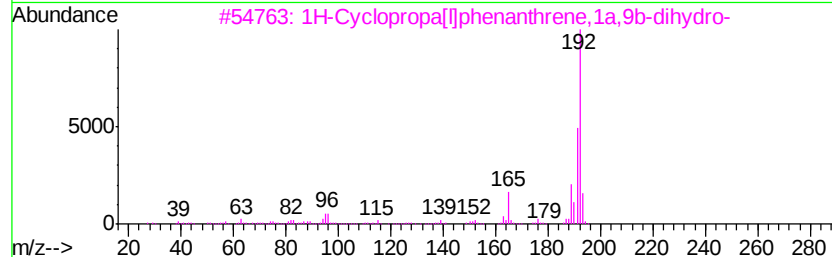
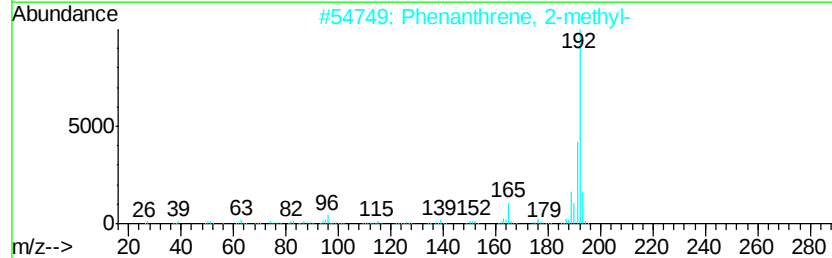
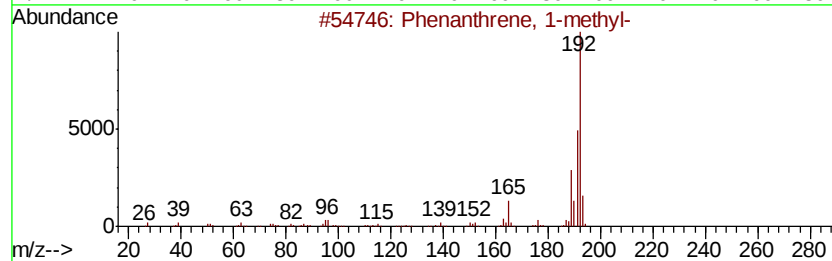
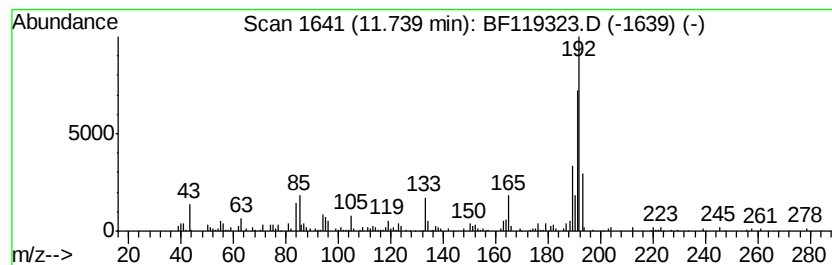
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	5.61 ng	254868	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
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Sample : L1849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-230-218-211-216-242

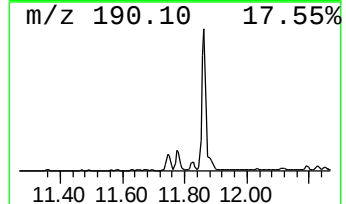
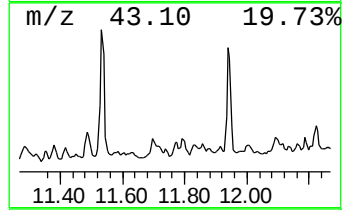
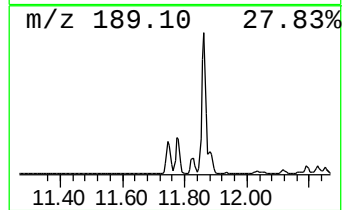
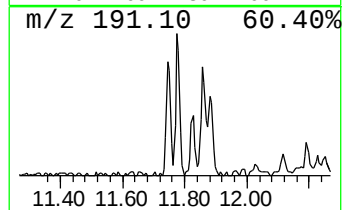
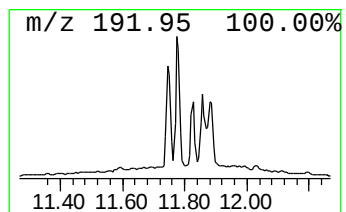
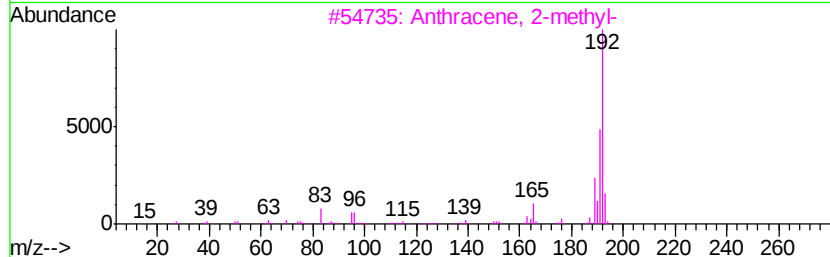
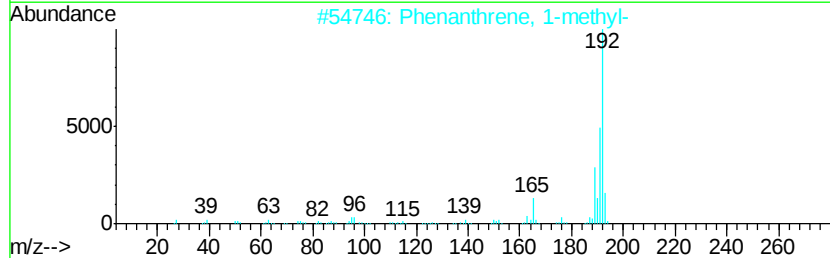
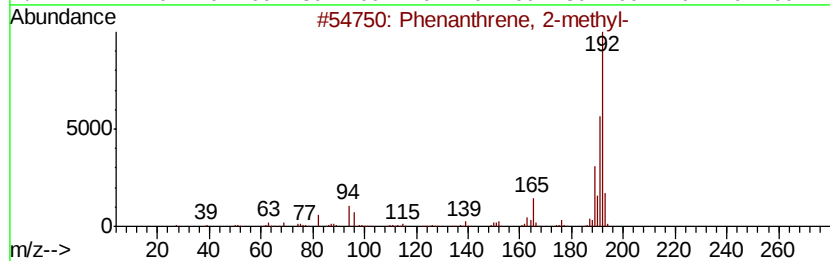
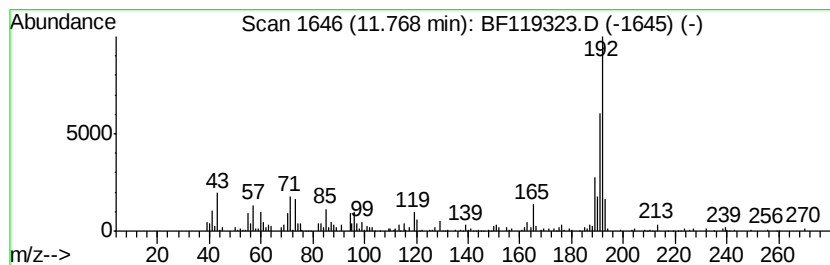
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.08 ng	413084	Phenanthrene-d10	11.24

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	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
Acq On : 10 Mar 2020 18:21
Operator : CG/JU
Sample : L1849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

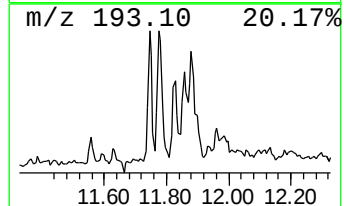
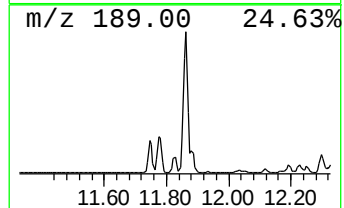
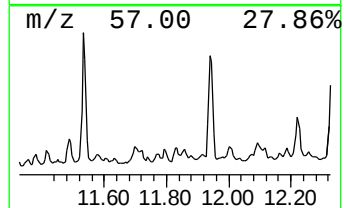
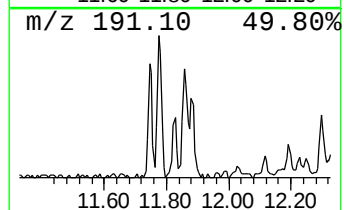
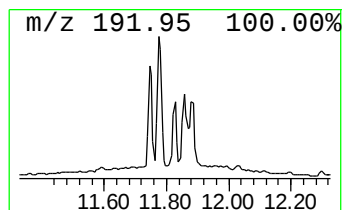
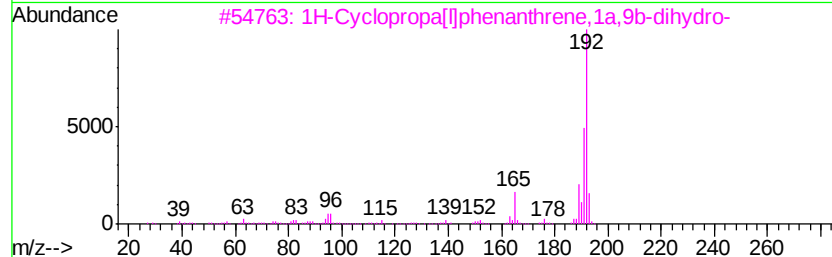
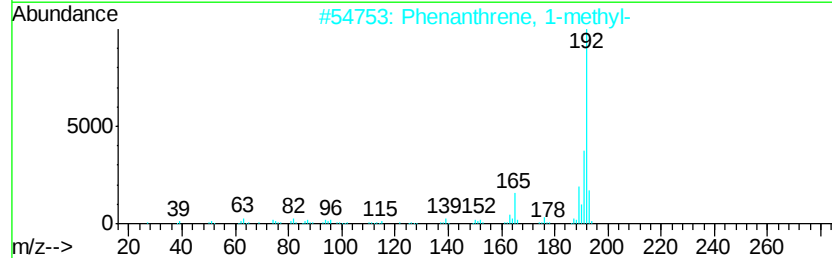
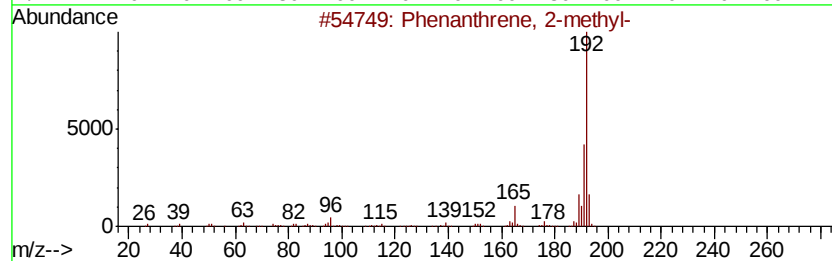
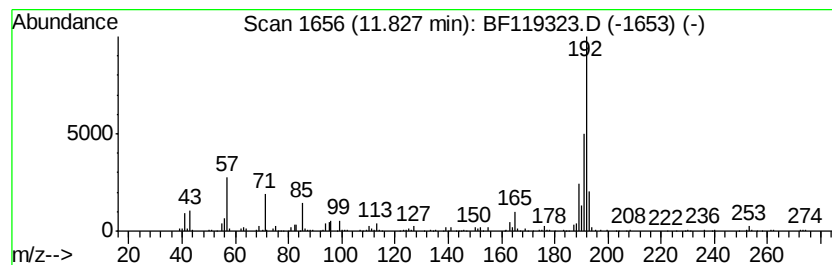
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.83	3.71 ng	168914	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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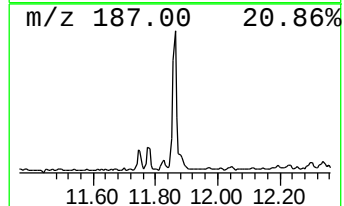
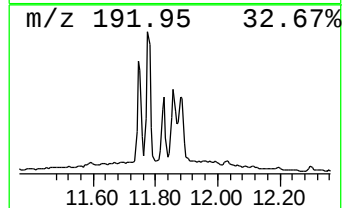
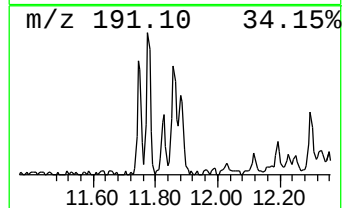
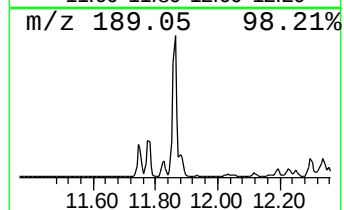
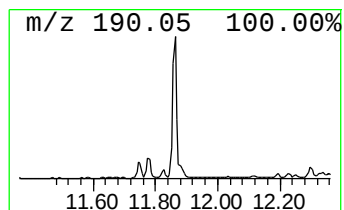
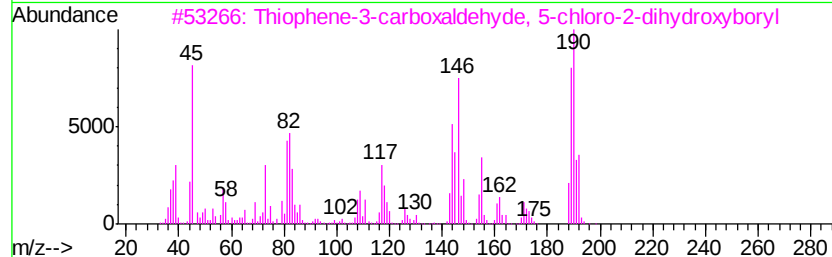
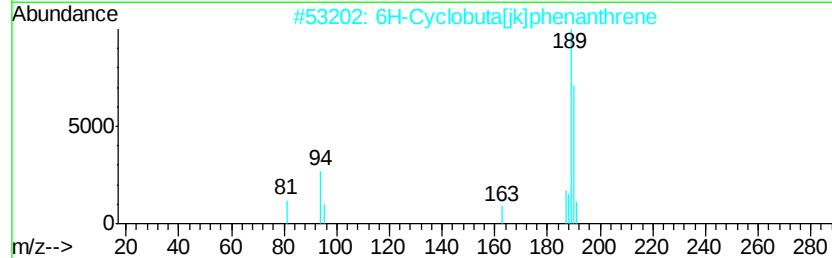
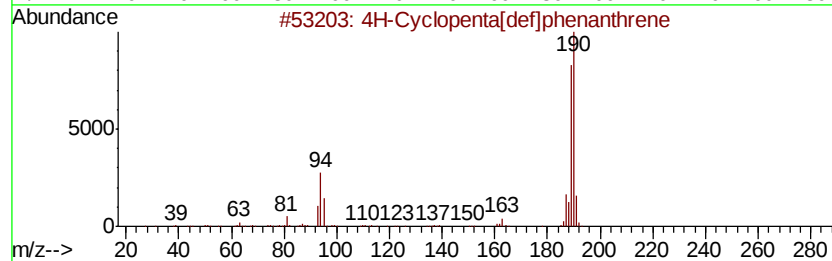
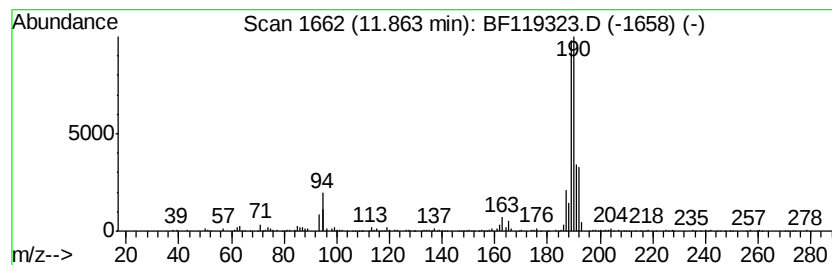
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	10.01 ng	455052	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
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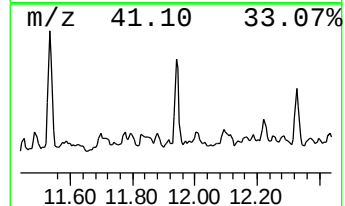
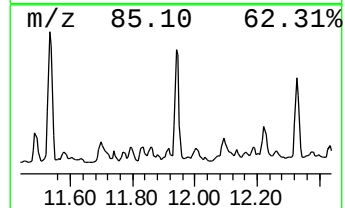
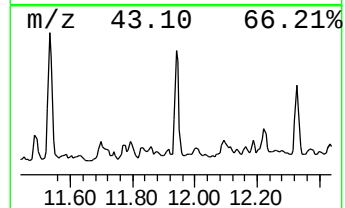
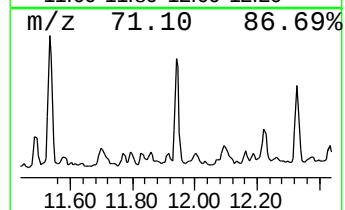
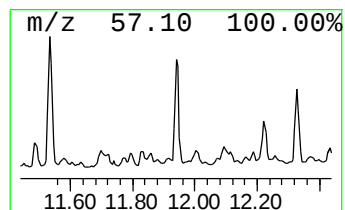
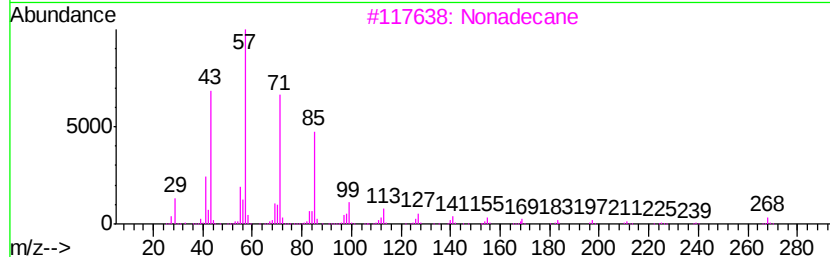
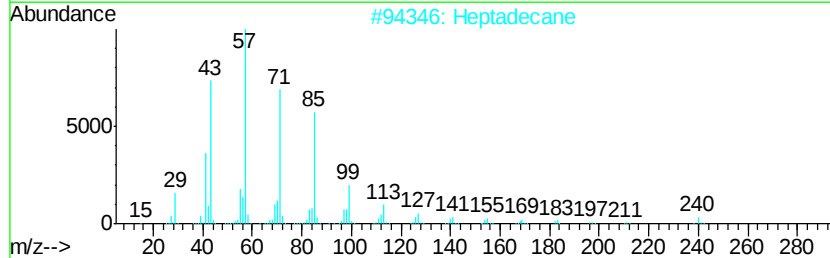
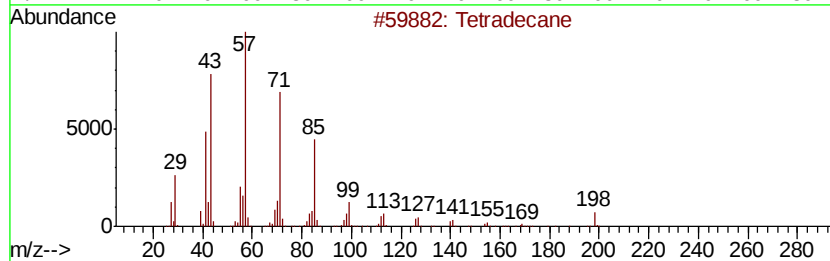
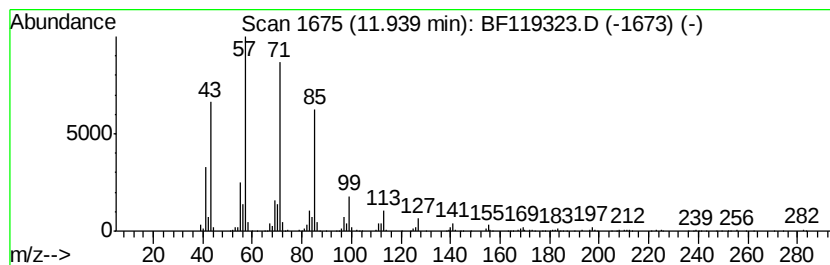
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	11.34 ng	515767	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Heptadecane	240	C17H36	000629-78-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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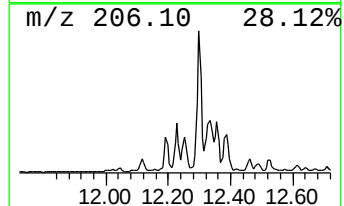
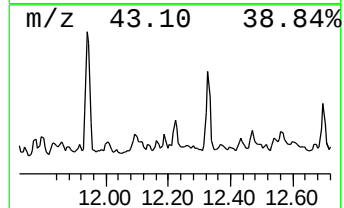
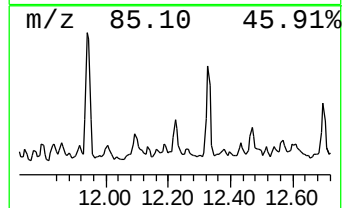
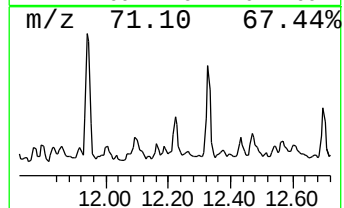
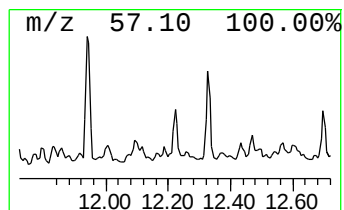
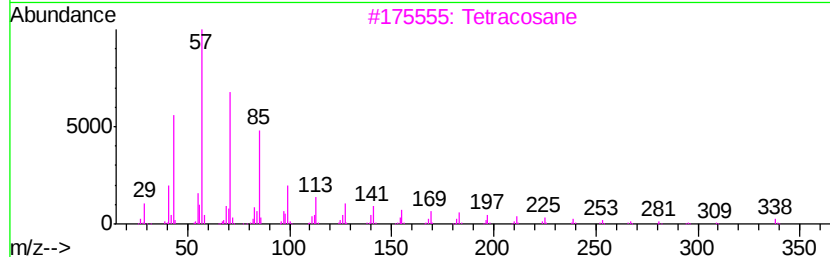
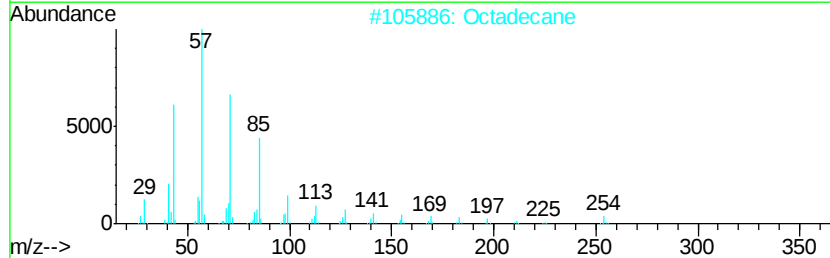
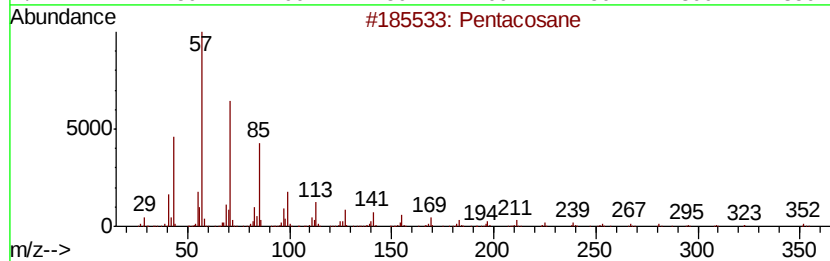
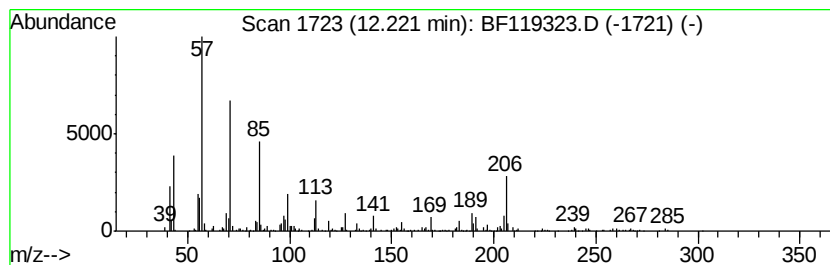
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.22	4.43 ng	201358	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	72
2	Octadecane	254	C18H38	000593-45-3	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Hexacosane	366	C26H54	000630-01-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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Misc :
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Instrument :
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ClientSampleId :
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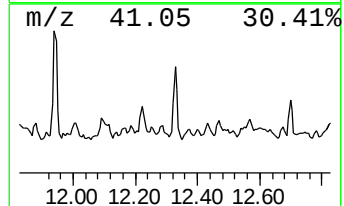
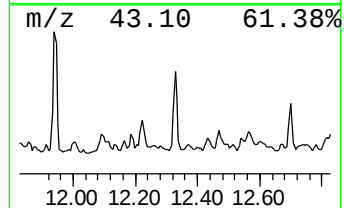
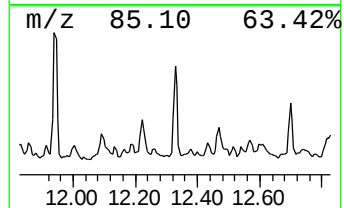
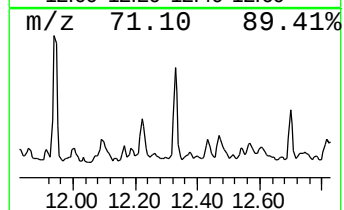
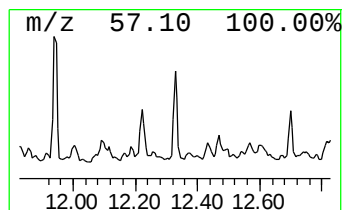
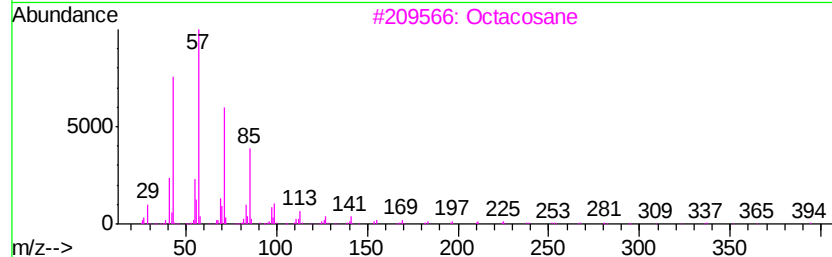
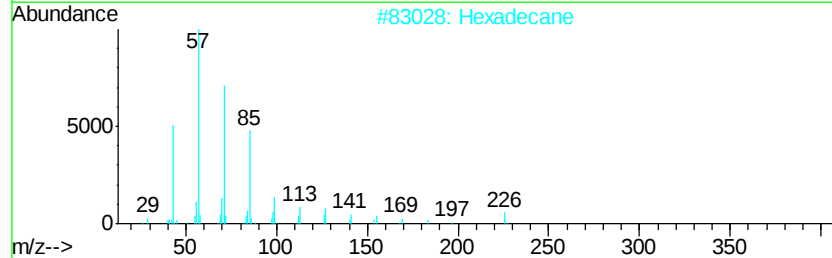
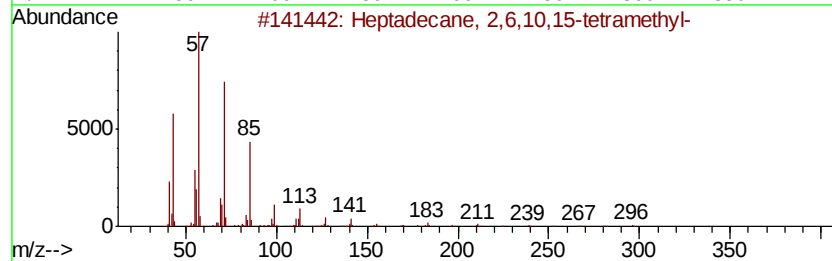
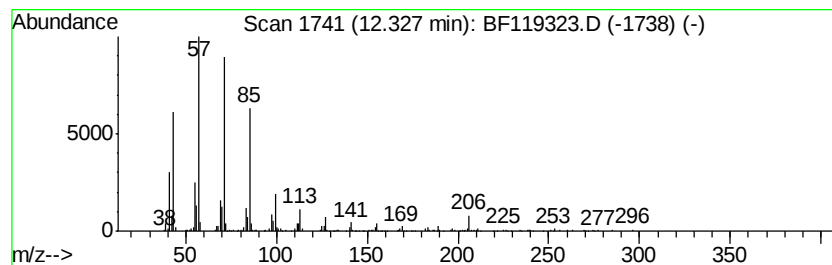
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	8.54 ng	388253	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
Acq On : 10 Mar 2020 18:21
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Misc :
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ClientSampleId :
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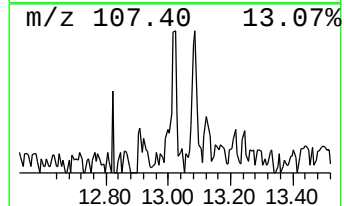
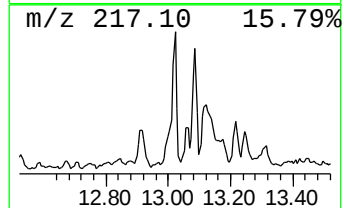
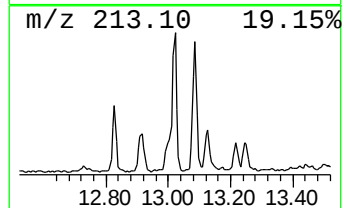
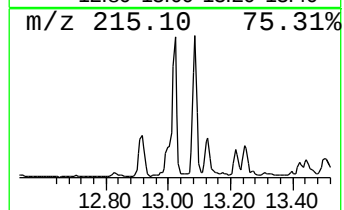
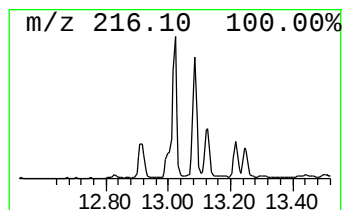
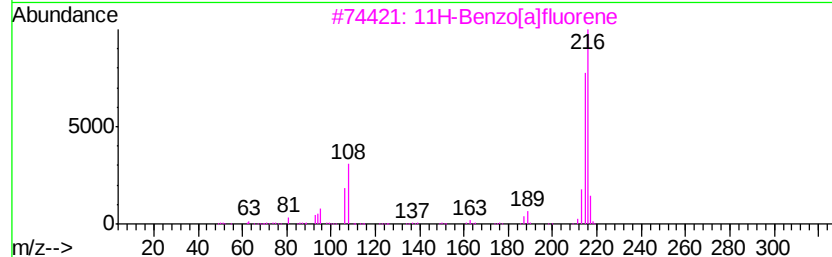
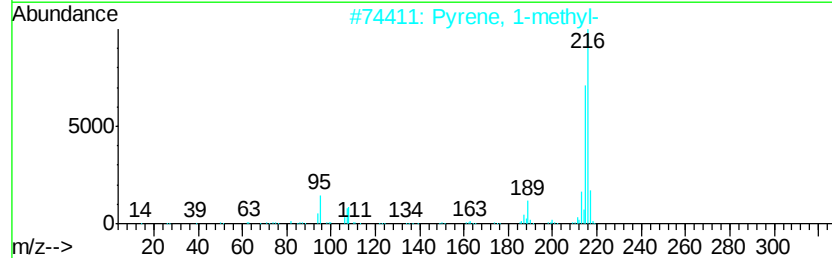
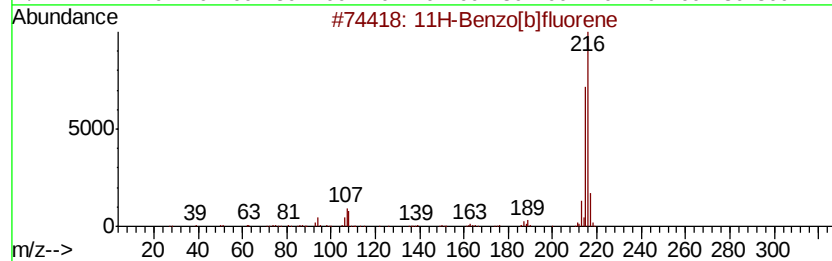
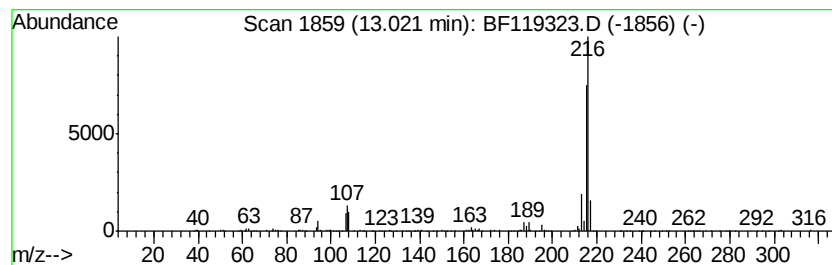
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.96 ng	321734	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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Acq On : 10 Mar 2020 18:21
Operator : CG/JU
Sample : L1849-01
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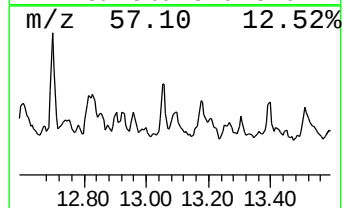
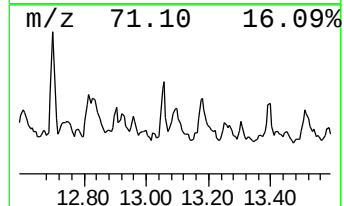
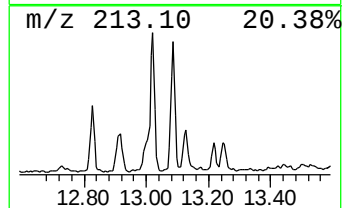
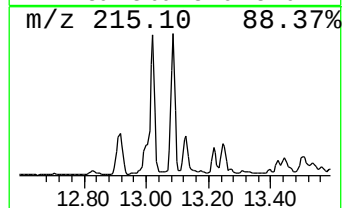
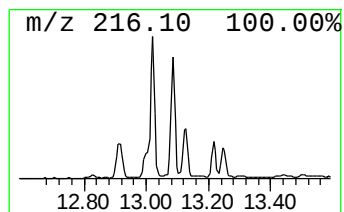
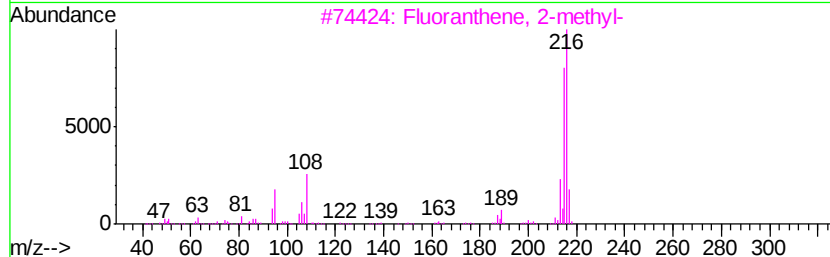
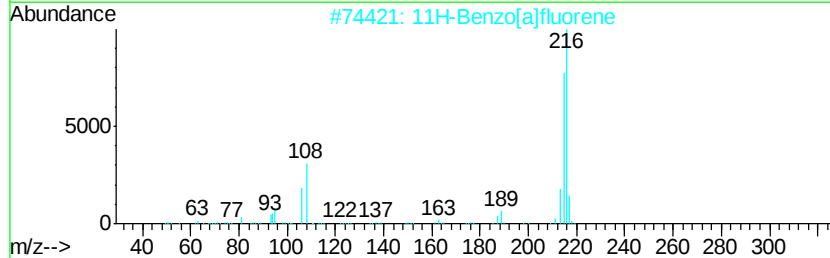
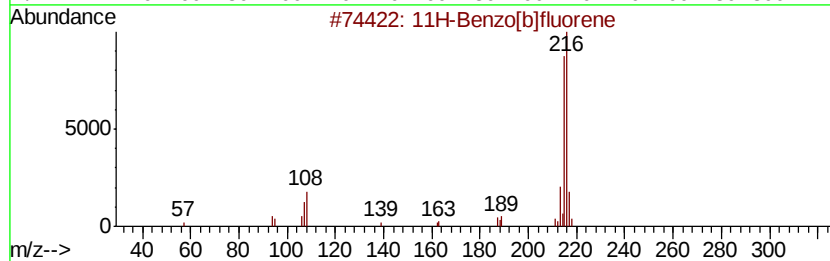
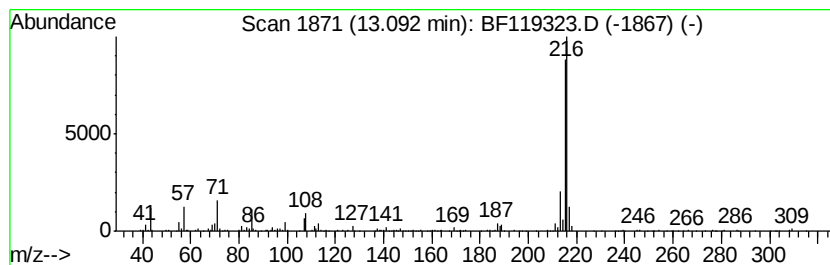
Instrument :
BNA_F
ClientSampleId :
VNJ-230-218-211-216-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	4.33 ng	351893	Chrysene-d12	13.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 81
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 64
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
Acq On : 10 Mar 2020 18:21
Operator : CG/JU
Sample : L1849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

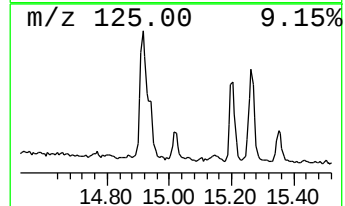
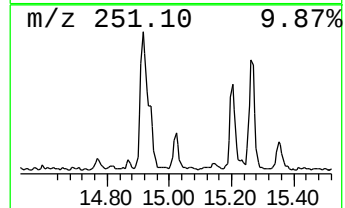
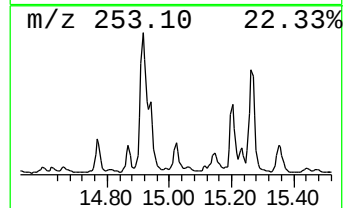
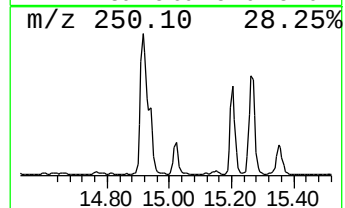
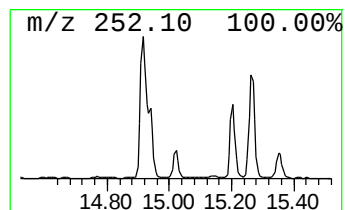
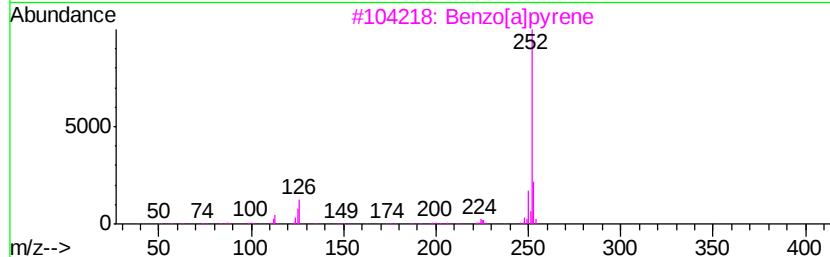
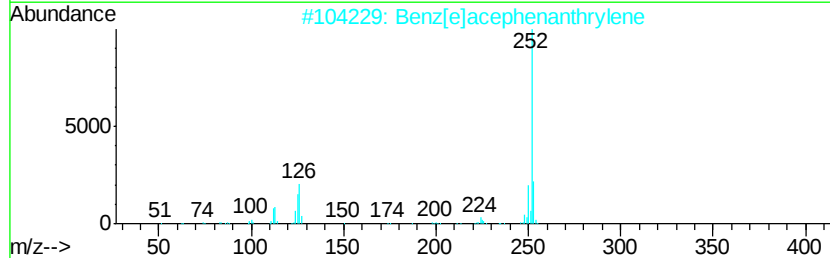
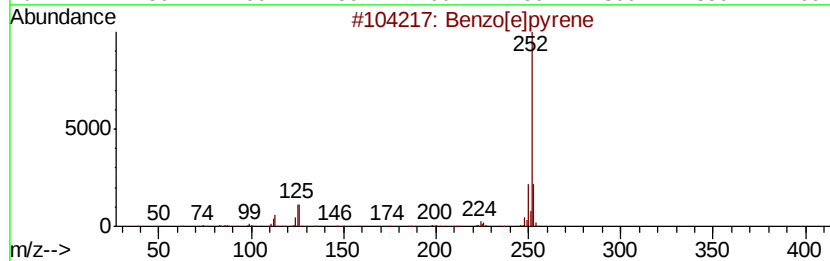
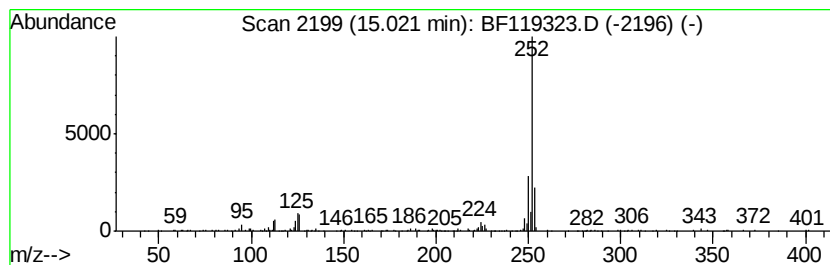
Instrument :
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ClientSampleId :
VNJ-230-218-211-216-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.02	4.92 ng	150300	Perylene-d12	15.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
Acq On : 10 Mar 2020 18:21
Operator : CG/JU
Sample : L1849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

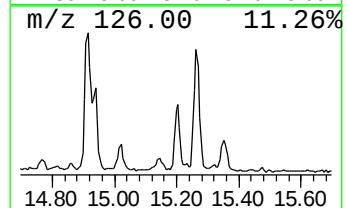
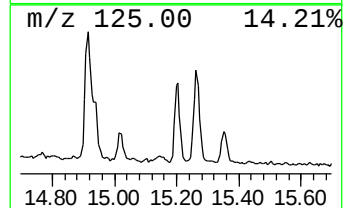
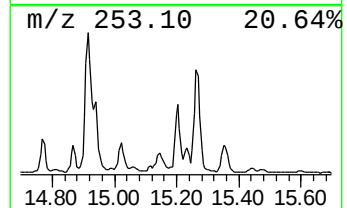
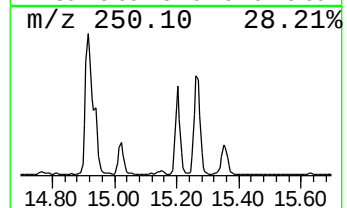
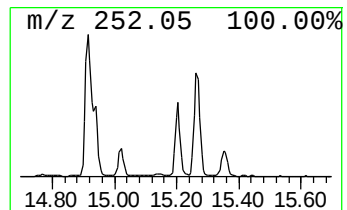
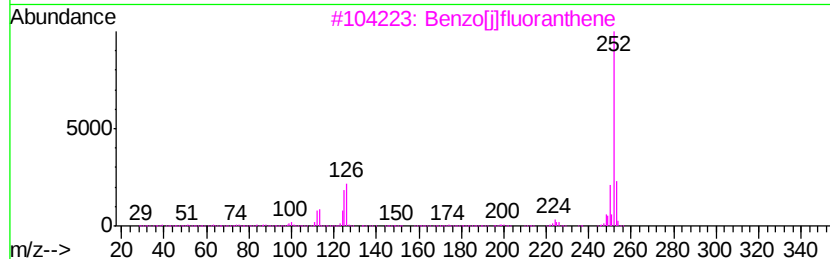
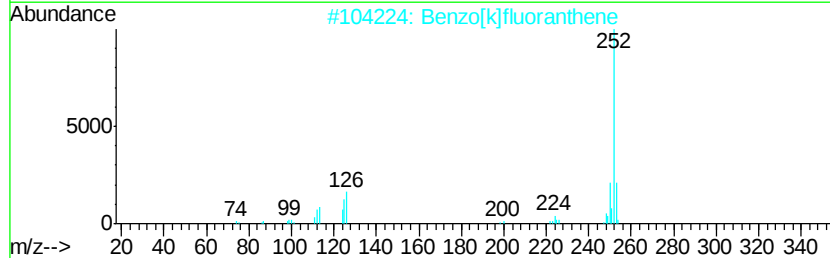
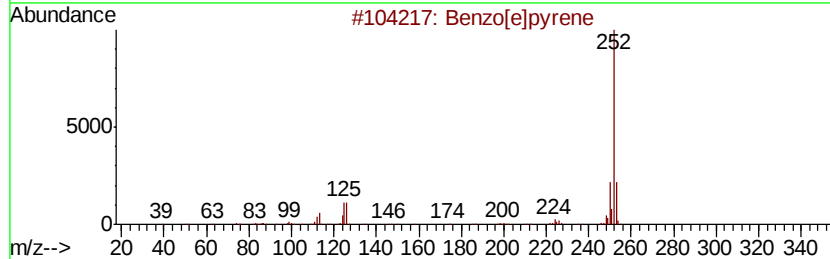
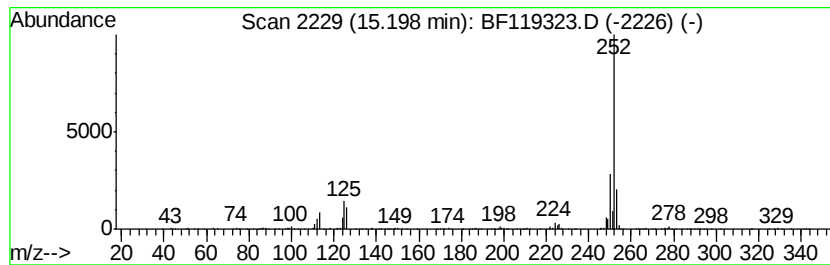
Instrument :
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ClientSampleId :
VNJ-230-218-211-216-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	12.33 ng	376755	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252 C20H12	000207-08-9	97
3	Benzo[i]fluoranthene	252 C20H12	000205-82-3	96
4	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	96
5	Benzo[a]pyrene	252 C20H12	000050-32-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031020\
 Data File : BF119323.D
 Acq On : 10 Mar 2020 18:21
 Operator : CG/JU
 Sample : L1849-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-230-218-211-216-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
2-Pentanone, 4-hy...	4.93	8.2	ng	279352	1	6.72	681711	20.0
Hexadecane	10.19	4.0	ng	206402	3	9.76	1030450	20.0
Hexacosane	10.41	4.7	ng	243976	3	9.76	1030450	20.0
Tetradecane	10.66	16.4	ng	747149	4	11.24	909413	20.0
9H-Fluorene, 2-me...	10.86	4.5	ng	205660	4	11.24	909413	20.0
Octadecane	11.11	12.4	ng	563579	4	11.24	909413	20.0
Dibenzothiophene	11.14	11.3	ng	511668	4	11.24	909413	20.0
Sulfurous acid, 2...	11.70	3.8	ng	171212	4	11.24	909413	20.0
Phenanthrene, 1-m...	11.74	5.6	ng	254868	4	11.24	909413	20.0
Phenanthrene, 2-m...	11.77	9.1	ng	413084	4	11.24	909413	20.0
1H-Cyclopropa[1]p...	11.83	3.7	ng	168914	4	11.24	909413	20.0
4H-Cyclopenta[def...	11.86	10.0	ng	455052	4	11.24	909413	20.0
Heptadecane	11.94	11.3	ng	515767	4	11.24	909413	20.0
Pentacosane	12.22	4.4	ng	201358	4	11.24	909413	20.0
Heptadecane, 2,6,...	12.33	8.5	ng	388253	4	11.24	909413	20.0
11H-Benzo[b]fluorene	13.02	4.0	ng	321734	5	13.89	1624610	20.0
11H-Benzo[a]fluorene	13.09	4.3	ng	351893	5	13.89	1624610	20.0
Benzo[e]pyrene	15.02	4.9	ng	150300	6	15.32	611153	20.0
Benzo[j]fluoranthene	15.20	12.3	ng	376755	6	15.32	611153	20.0