

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031020\
 Data File : BF119324.D
 Acq On : 10 Mar 2020 18:51
 Operator : CG/JU
 Sample : L1852-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-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	2.752	104	113	119	rVB3	24424	54096	2.43%	0.218%
2	4.922	475	482	498	rVB2	163427	283044	12.72%	1.141%
3	5.304	541	547	553	rBV4	26539	39273	1.76%	0.158%
4	5.357	553	556	574	rBV	1314638	1719466	77.27%	6.929%
5	5.563	588	591	594	rBV2	31534	35417	1.59%	0.143%
6	5.734	616	620	624	rBV3	30509	46191	2.08%	0.186%
7	5.875	641	644	649	rBV3	37940	38877	1.75%	0.157%
8	5.969	658	660	667	rVB3	41358	54123	2.43%	0.218%
9	6.028	667	670	674	rBV	38129	38273	1.72%	0.154%
10	6.251	705	708	715	rBV2	43695	52637	2.37%	0.212%
11	6.328	716	721	727	rBV4	26031	44271	1.99%	0.178%
12	6.381	727	730	742	rBV	1569927	1734444	77.94%	6.989%
13	6.551	756	759	765	rVB2	49318	70615	3.17%	0.285%
14	6.722	785	788	795	rBV	667963	643631	28.92%	2.594%
15	6.881	811	815	823	rVB	1908859	1755134	78.87%	7.073%
16	7.116	851	855	858	rBV2	32123	36987	1.66%	0.149%
17	7.292	881	885	889	rBV	1292843	1212304	54.48%	4.885%
18	7.369	894	898	902	rVB7	20870	35599	1.60%	0.143%
19	7.492	914	919	923	rBV5	22853	41073	1.85%	0.166%
20	7.822	969	975	982	rBV9	22081	46524	2.09%	0.187%
21	8.004	1001	1006	1015	rBV	864310	934508	41.99%	3.766%
22	8.069	1015	1017	1021	rVV	47270	45695	2.05%	0.184%
23	8.298	1047	1056	1059	rBV6	23885	37947	1.71%	0.153%
24	8.381	1067	1070	1073	rBV4	32728	39713	1.78%	0.160%
25	8.428	1073	1078	1081	rVV	97405	93092	4.18%	0.375%
26	8.598	1104	1107	1110	rBV	66753	60199	2.71%	0.243%
27	8.722	1125	1128	1131	rBV	140871	116160	5.22%	0.468%
28	8.816	1141	1144	1148	rBV	154029	150350	6.76%	0.606%
29	9.028	1177	1180	1184	rVB	64115	54737	2.46%	0.221%
30	9.081	1184	1189	1192	rBV	2580793	2225293	100.00%	8.967%
31	9.163	1200	1203	1205	rBV	75559	62272	2.80%	0.251%
32	9.351	1231	1235	1238	rBV	68283	89575	4.03%	0.361%
33	9.416	1243	1246	1249	rBV	162657	178332	8.01%	0.719%
34	9.445	1249	1251	1253	rVV	129264	120350	5.41%	0.485%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.481	1253	1257	1264	rVV2	348254	419146	18.84%	1.689%
36	9.539	1264	1267	1275	rVB2	87739	127884	5.75%	0.515%
37	9.622	1278	1281	1284	rVB	74305	67619	3.04%	0.272%
38	9.692	1290	1293	1297	rVB	79246	65822	2.96%	0.265%
39	9.757	1297	1304	1308	rBV	992993	931574	41.86%	3.754%
40	9.863	1319	1322	1326	rVB2	39318	46510	2.09%	0.187%
41	9.963	1335	1339	1343	rVV2	98946	116885	5.25%	0.471%
42	10.004	1343	1346	1350	rVB3	72975	87040	3.91%	0.351%
43	10.075	1355	1358	1361	rBV	87149	96174	4.32%	0.388%
44	10.104	1361	1363	1369	rVB	59899	68267	3.07%	0.275%
45	10.163	1369	1373	1375	rBV3	109621	127340	5.72%	0.513%
46	10.186	1375	1377	1380	rVB	123103	93148	4.19%	0.375%
47	10.239	1380	1386	1387	rBV6	22905	35990	1.62%	0.145%
48	10.298	1393	1396	1404	rBV2	105281	124415	5.59%	0.501%
49	10.410	1410	1415	1418	rBV3	54489	68778	3.09%	0.277%
50	10.463	1420	1424	1427	rVV2	67802	74051	3.33%	0.298%
51	10.551	1436	1439	1450	rVV	1025343	1089067	48.94%	4.389%
52	10.675	1454	1460	1466	rVB	223203	290887	13.07%	1.172%
53	10.986	1507	1513	1515	rBV	82429	115525	5.19%	0.466%
54	11.063	1522	1526	1529	rBV3	38806	55642	2.50%	0.224%
55	11.104	1529	1533	1536	rVV2	114900	140566	6.32%	0.566%
56	11.139	1536	1539	1546	rVB4	60130	96754	4.35%	0.390%
57	11.245	1553	1557	1559	rBV	779459	729840	32.80%	2.941%
58	11.269	1559	1561	1565	rVV	258207	228584	10.27%	0.921%
59	11.322	1568	1570	1573	rVB	45344	42533	1.91%	0.171%
60	11.492	1593	1599	1603	rBV5	45485	92584	4.16%	0.373%
61	11.533	1603	1606	1609	rVB	95546	88427	3.97%	0.356%
62	11.745	1639	1642	1644	rBV	93475	85596	3.85%	0.345%
63	11.775	1644	1647	1653	rVB2	226138	226334	10.17%	0.912%
64	11.857	1658	1661	1663	rVV	129850	132696	5.96%	0.535%
65	11.880	1663	1665	1669	rVB	84654	72127	3.24%	0.291%
66	11.939	1672	1675	1678	rBV2	80004	71221	3.20%	0.287%
67	12.039	1689	1692	1697	rBV2	58507	65832	2.96%	0.265%
68	12.186	1712	1717	1719	rBV2	50419	60695	2.73%	0.245%
69	12.222	1721	1723	1725	rVV	68549	56091	2.52%	0.226%
70	12.245	1725	1727	1730	rVB	38599	36435	1.64%	0.147%
71	12.292	1732	1735	1738	rBV	131263	139194	6.26%	0.561%

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72	12.327	1738	1741	1744	rVV2	118084	129356	5.81%	0.521%
73	12.380	1748	1750	1754	rVB3	48734	58317	2.62%	0.235%
74	12.457	1760	1763	1767	rBV	333933	296434	13.32%	1.195%
75	12.557	1778	1780	1786	rBV3	34299	49127	2.21%	0.198%
76	12.686	1797	1802	1808	rVB	300219	355190	15.96%	1.431%
77	12.745	1808	1812	1815	rVB2	75041	90120	4.05%	0.363%
78	12.821	1819	1825	1829	rBV	1855215	1627620	73.14%	6.559%
79	12.898	1835	1838	1840	rBV	53231	65046	2.92%	0.262%
80	13.016	1851	1858	1861	rBV2	71327	120231	5.40%	0.484%
81	13.051	1861	1864	1867	rBV2	63113	64856	2.91%	0.261%
82	13.121	1872	1876	1880	rVB2	75704	98806	4.44%	0.398%
83	13.216	1889	1892	1894	rBV	59385	54952	2.47%	0.221%
84	13.245	1894	1897	1900	rBV2	34183	40084	1.80%	0.162%
85	13.392	1919	1922	1925	rBV	81601	66615	2.99%	0.268%
86	13.539	1943	1947	1949	rBV	73594	83748	3.76%	0.337%
87	13.639	1961	1964	1966	rBV2	47363	49470	2.22%	0.199%
88	13.721	1975	1978	1981	rBV4	118733	166917	7.50%	0.673%
89	13.886	2001	2006	2009	rBV2	798172	932646	41.91%	3.758%
90	13.910	2009	2010	2014	rVB	221532	179895	8.08%	0.725%
91	14.033	2028	2031	2034	rBV3	84538	98891	4.44%	0.398%
92	14.274	2067	2072	2076	rBV	97485	131155	5.89%	0.529%
93	14.310	2076	2078	2080	rVB	63553	47046	2.11%	0.190%
94	14.339	2080	2083	2087	rBV3	119101	141364	6.35%	0.570%
95	14.633	2131	2133	2135	rVB	64917	50520	2.27%	0.204%
96	14.910	2177	2180	2183	rBV	225844	295007	13.26%	1.189%
97	15.204	2226	2230	2234	rVB	126843	155978	7.01%	0.629%
98	15.263	2237	2240	2244	rBV	103172	122414	5.50%	0.493%
99	15.315	2245	2249	2254	rVB	385766	516875	23.23%	2.083%
100	17.174	2560	2565	2569	rBV	35169	70123	3.15%	0.283%

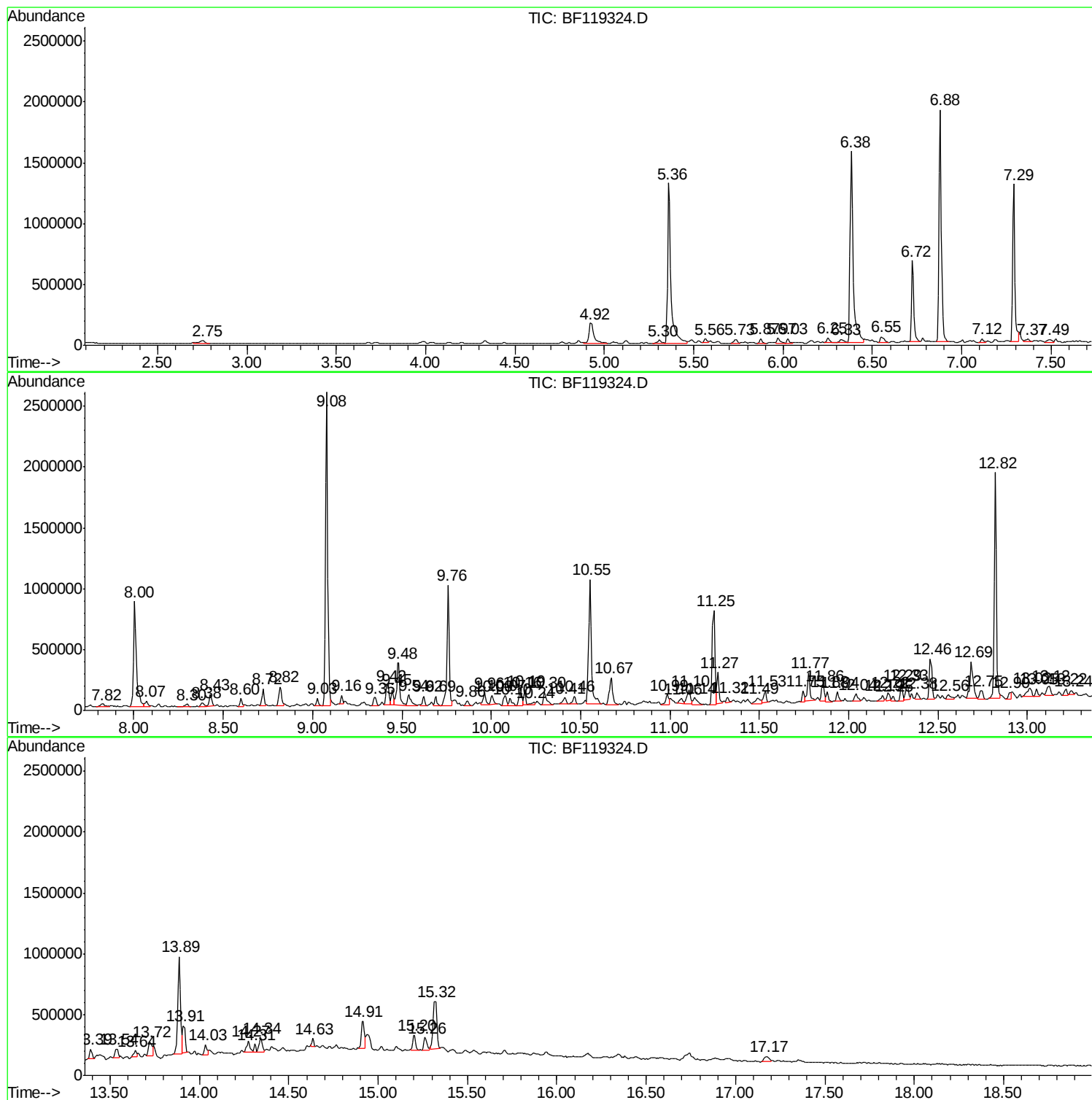
Sum of corrected areas: 24816278

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Instrument :
BNA_F
ClientSampled :
TP-3-S

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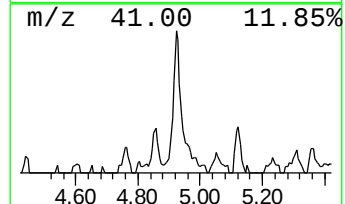
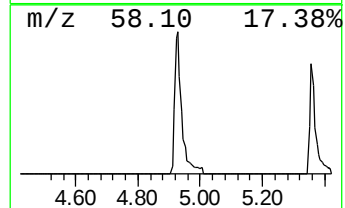
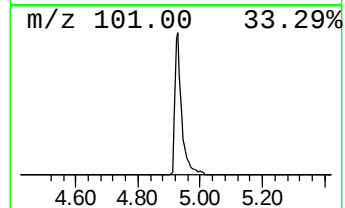
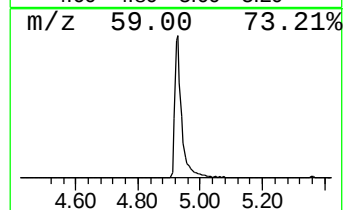
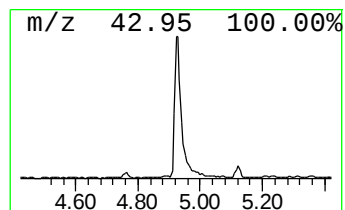
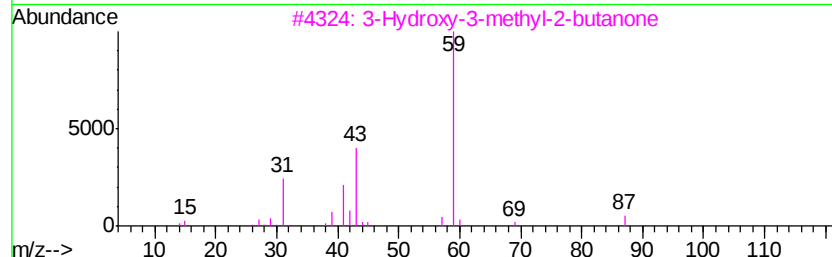
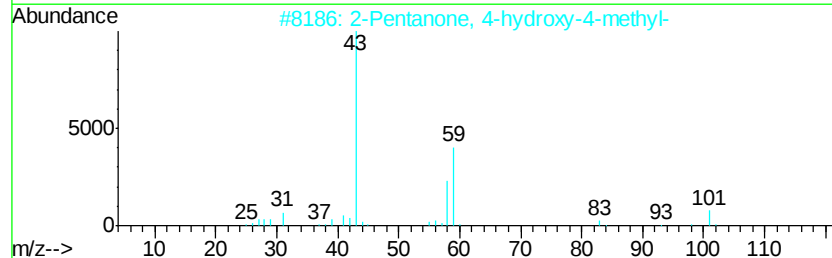
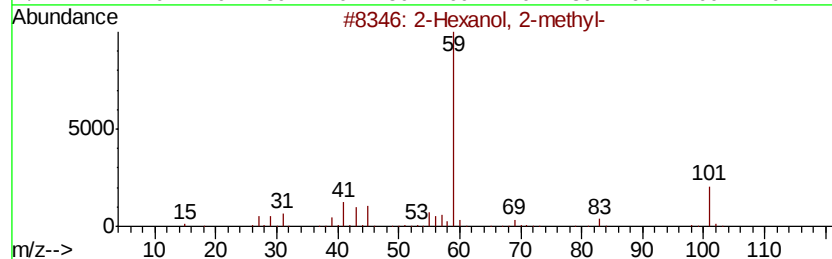
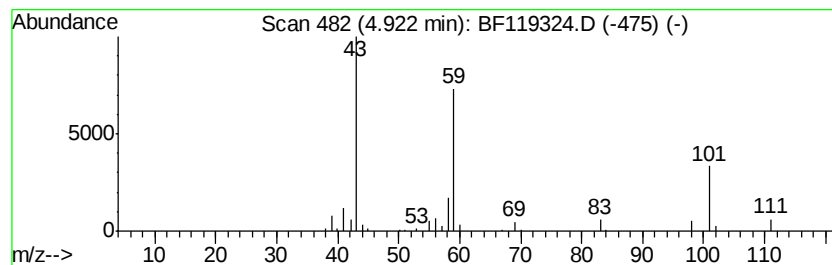
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Hexanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	8.80 ng	283044	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	59
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	37
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	37
5			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	33



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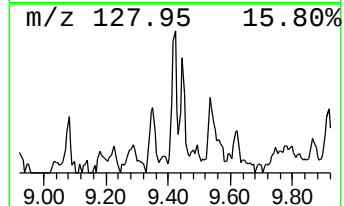
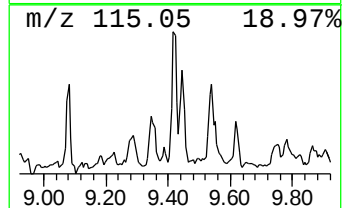
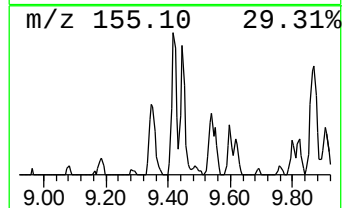
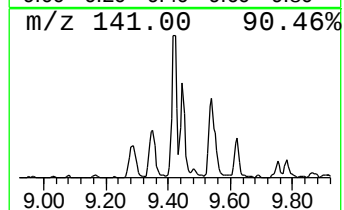
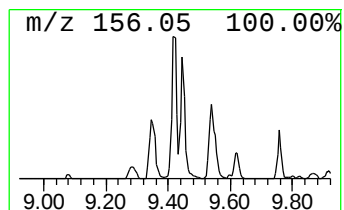
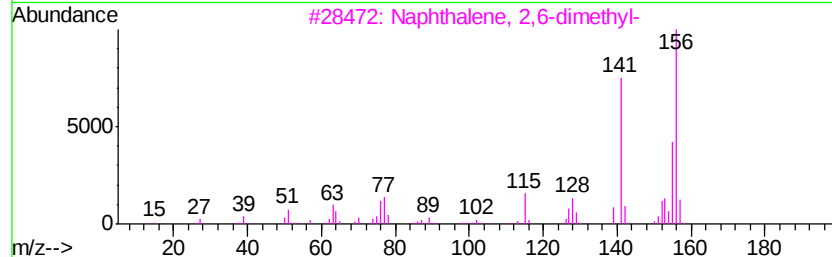
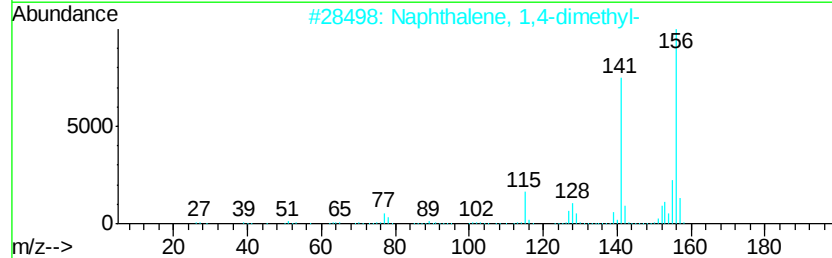
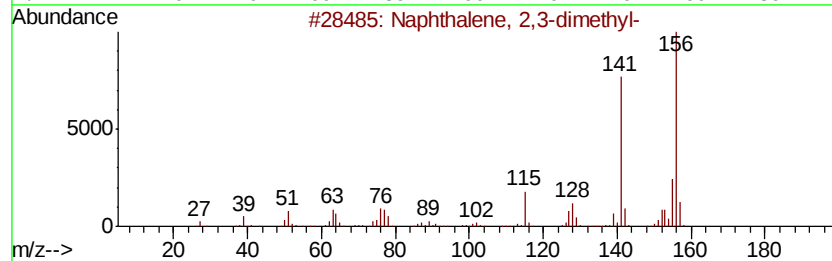
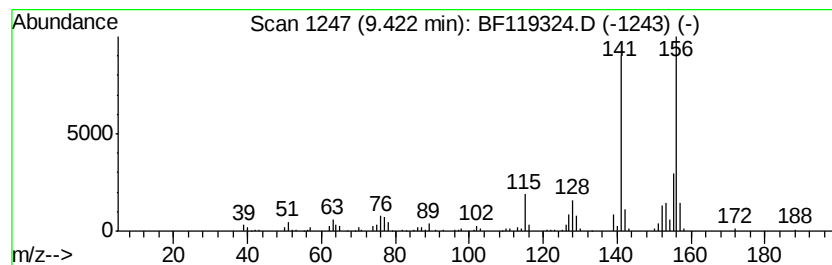
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.83 ng	178332	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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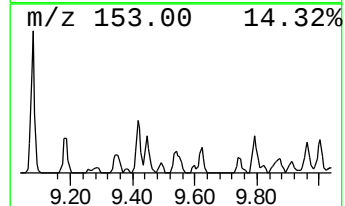
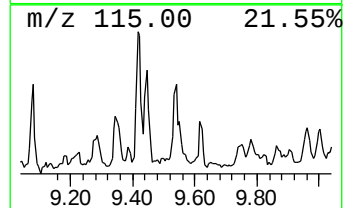
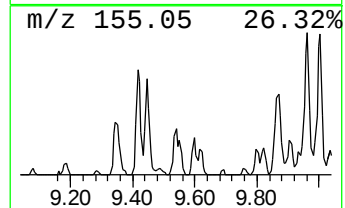
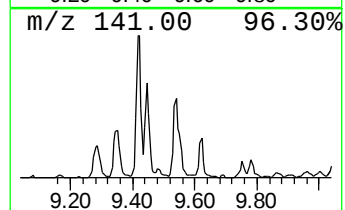
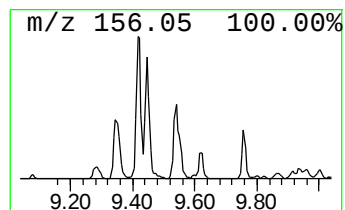
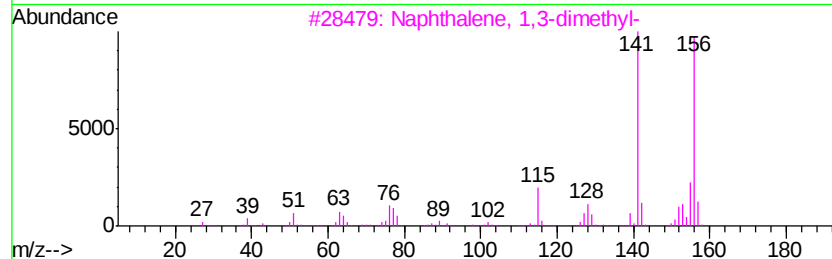
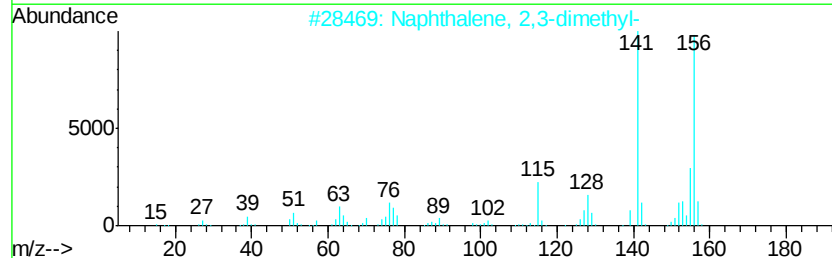
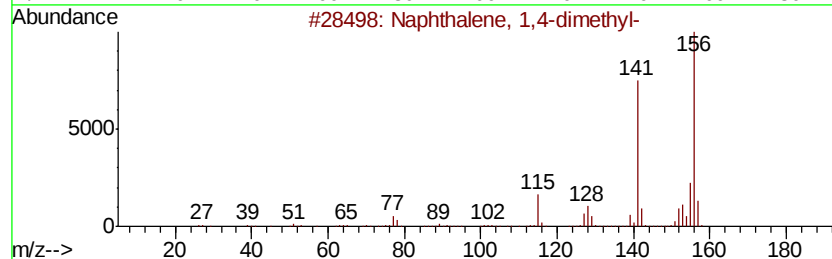
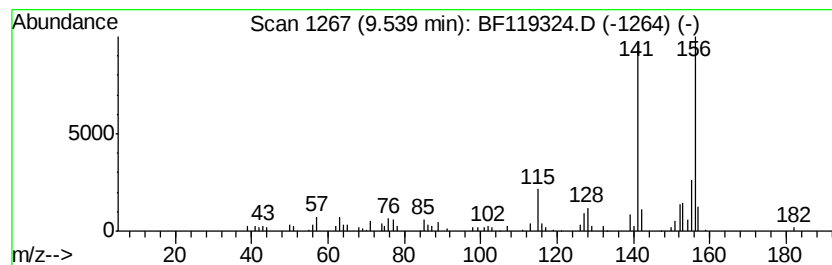
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	2.75 ng	127884	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119324.D
Acq On : 10 Mar 2020 18:51
Operator : CG/JU
Sample : L1852-15
Misc :
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ClientSampleId :
TP-3-S

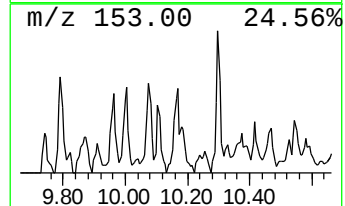
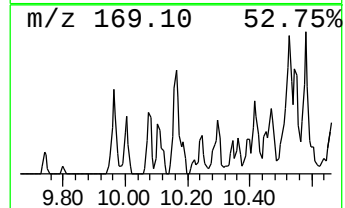
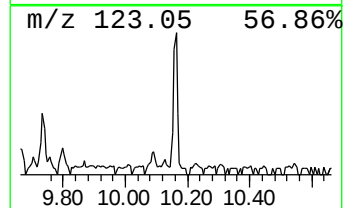
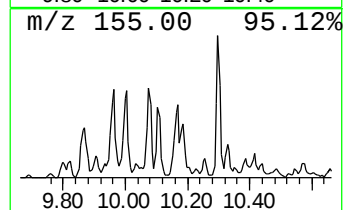
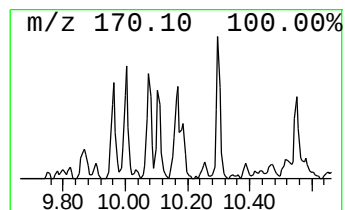
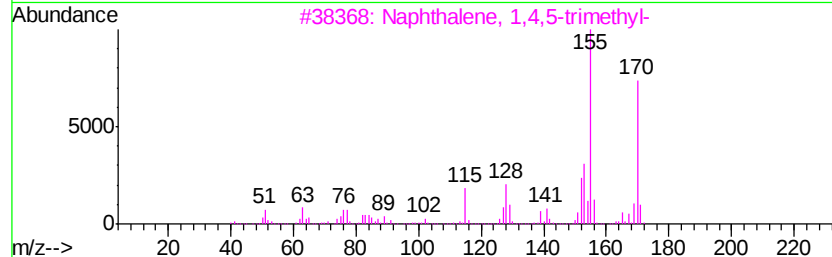
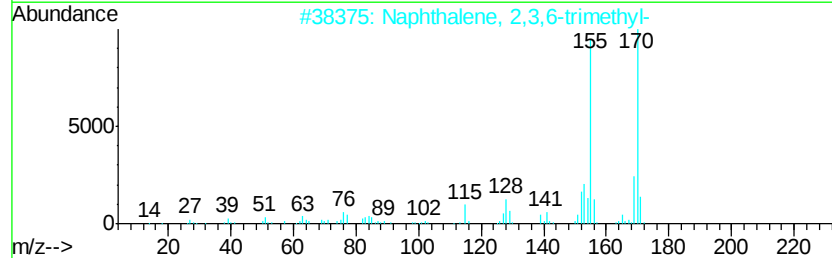
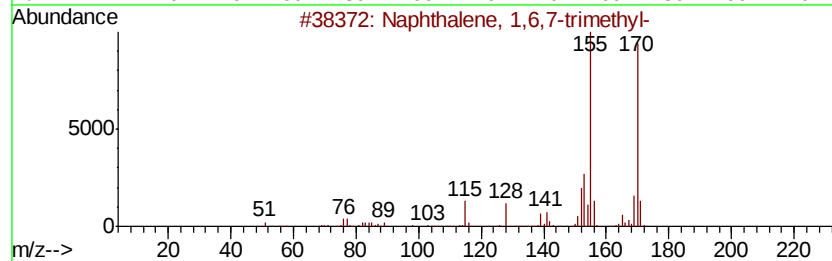
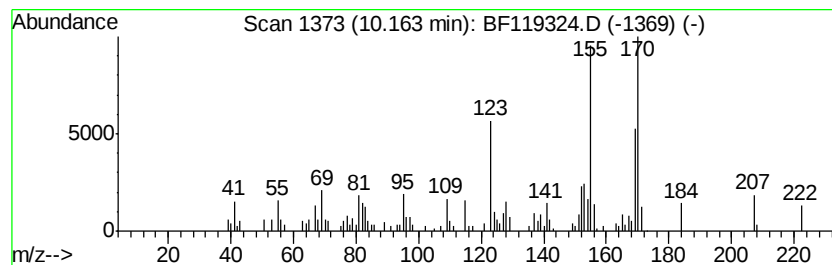
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	2.73 ng	127340	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83



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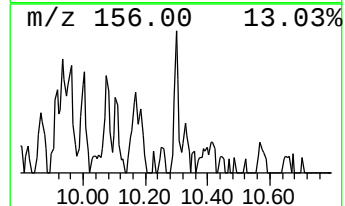
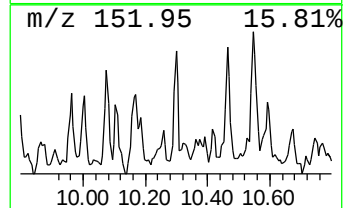
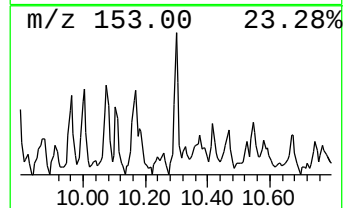
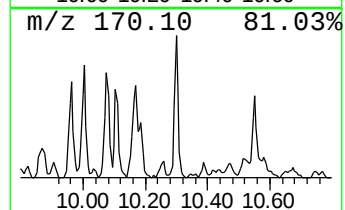
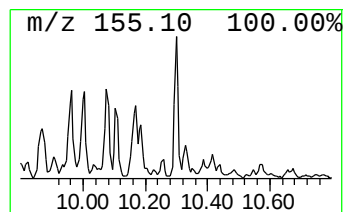
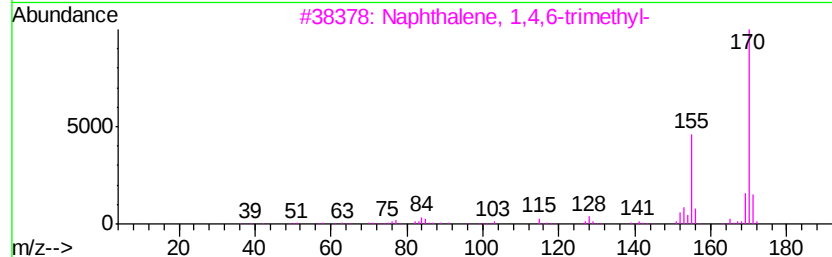
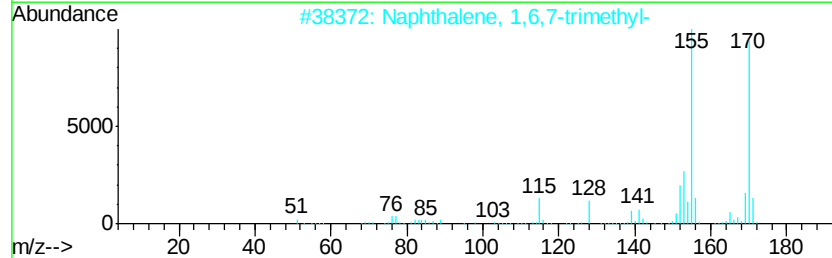
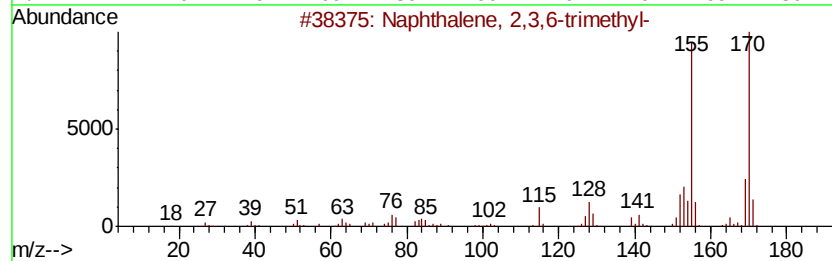
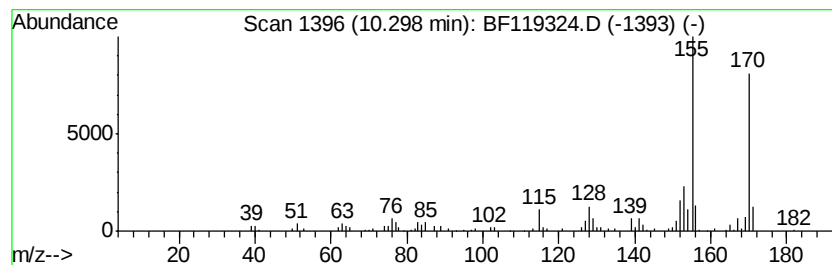
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.67 ng	124415	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 95
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 95
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 94
4		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 93
5		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119324.D
Acq On : 10 Mar 2020 18:51
Operator : CG/JU
Sample : L1852-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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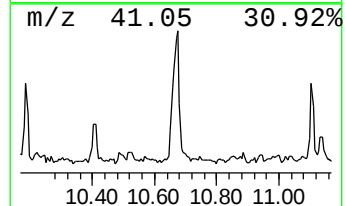
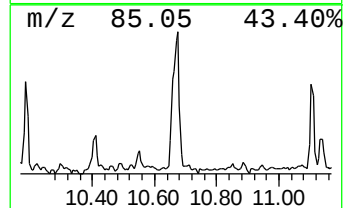
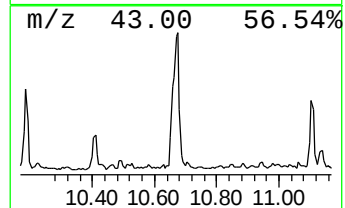
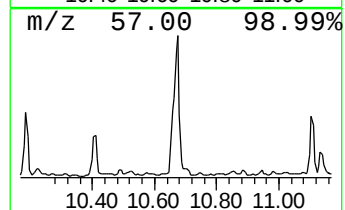
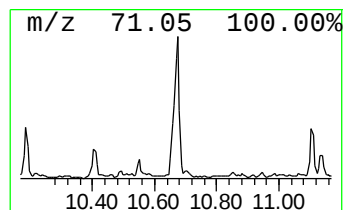
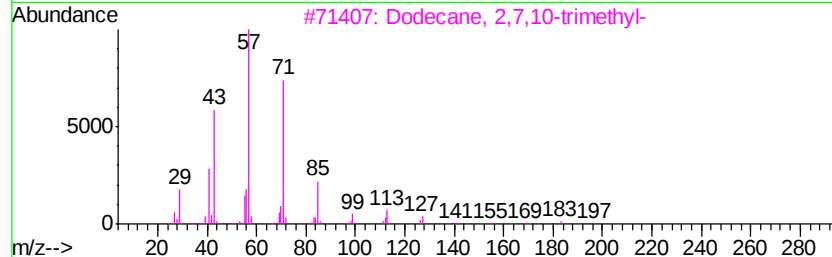
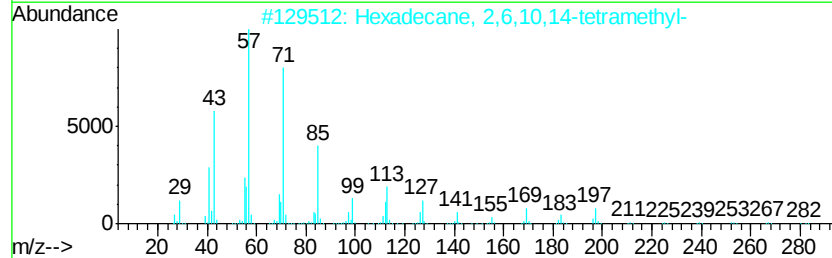
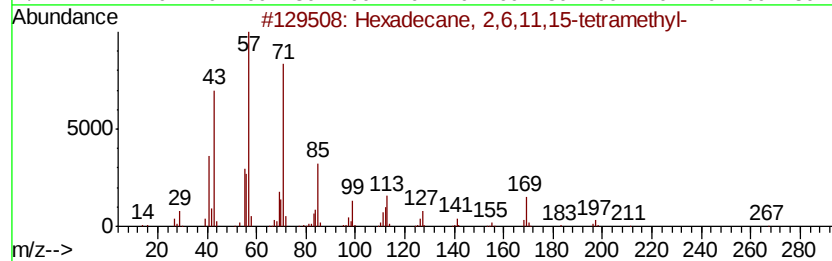
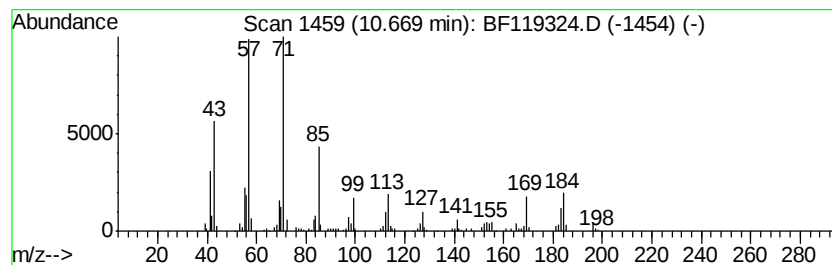
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 2,6,11,15-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	7.97 ng	290887	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5		Decane, 3-methyl-	156	C11H24	013151-34-3	60



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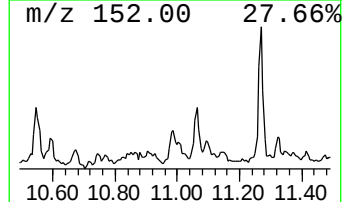
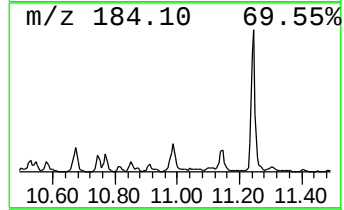
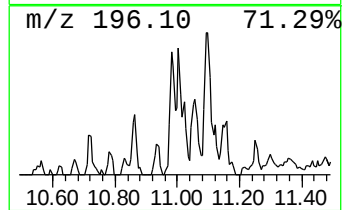
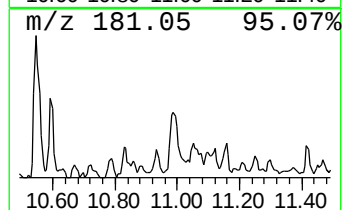
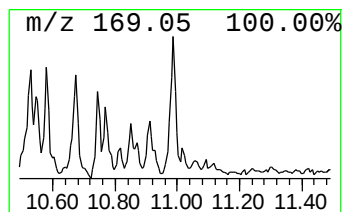
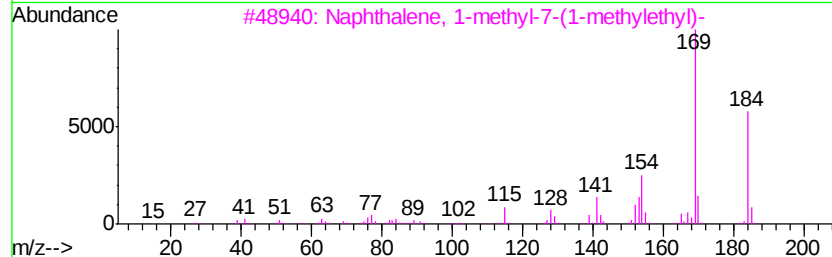
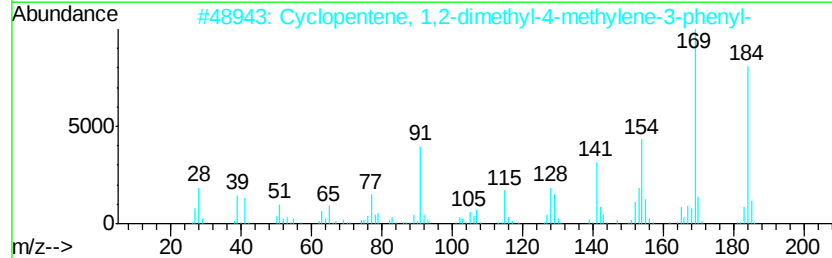
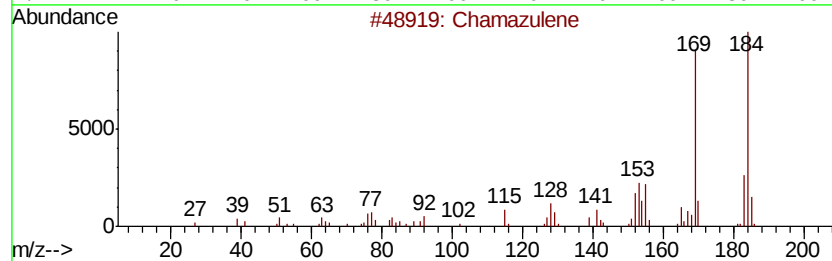
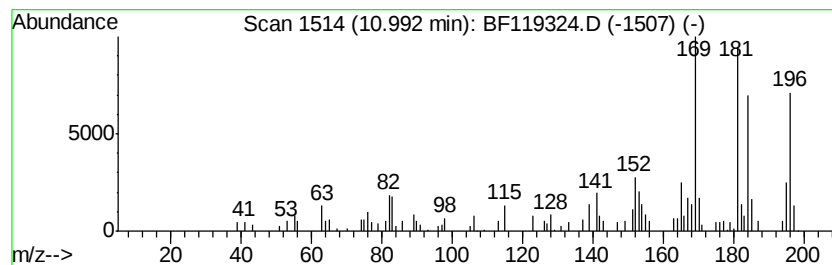
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Chamazulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	3.17 ng	115525	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chamazulene	184	C14H16	000529-05-5	78
2		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	60
3		Naphthalene, 1-methyl-7-(1-methv...	184	C14H16	000490-65-3	60
4		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55
5		Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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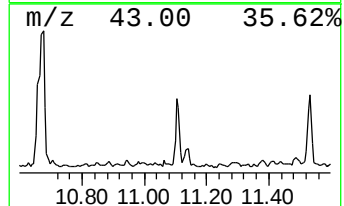
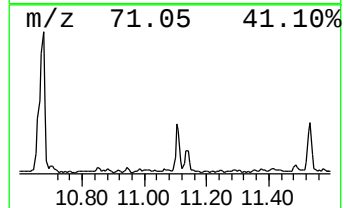
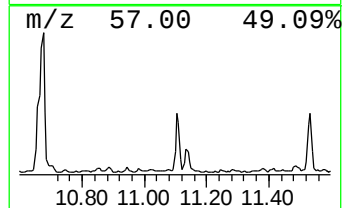
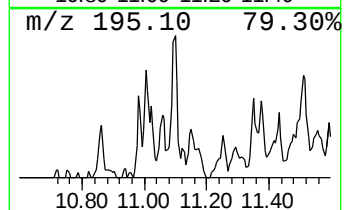
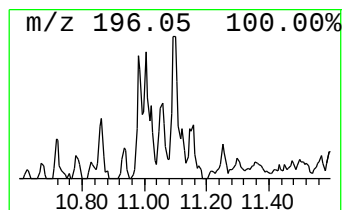
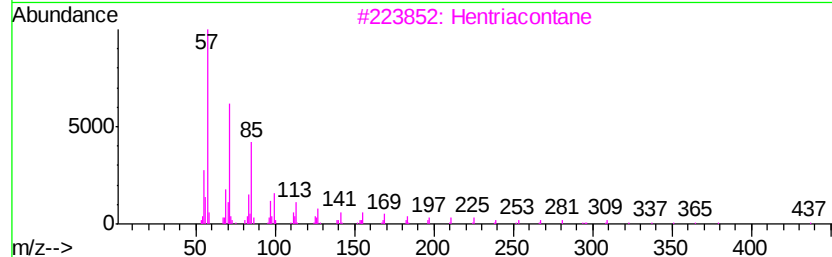
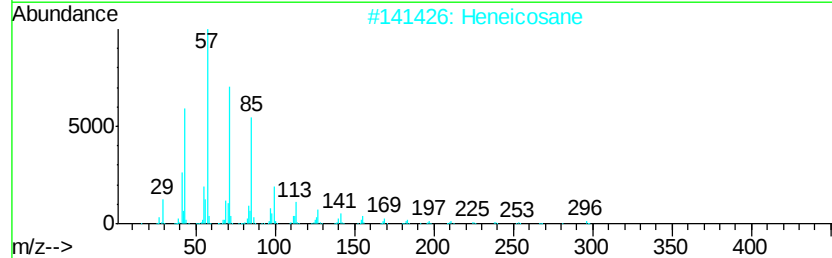
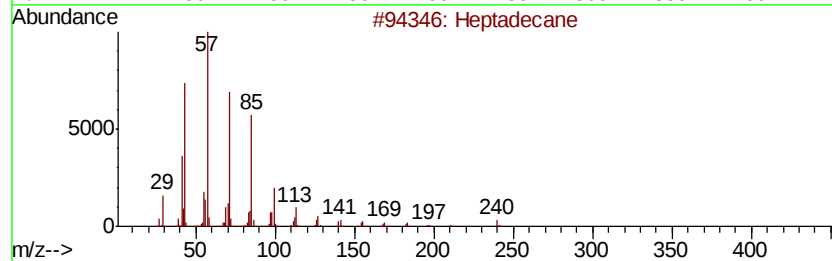
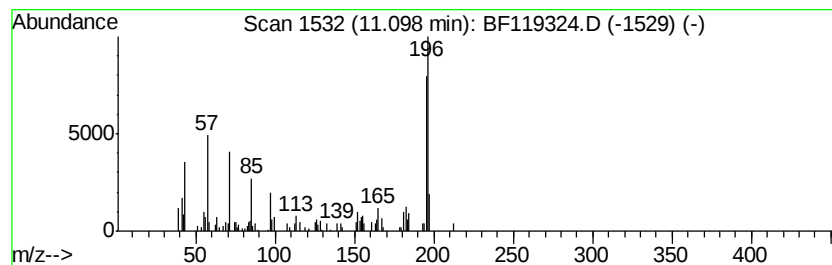
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.85 ng	140566	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	70
2	Heneicosane		296	C21H44	000629-94-7	62
3	Hentriacontane		437	C31H64	000630-04-6	62
4	Tetracosane		338	C24H50	000646-31-1	58
5	Pentadecane		212	C15H32	000629-62-9	55



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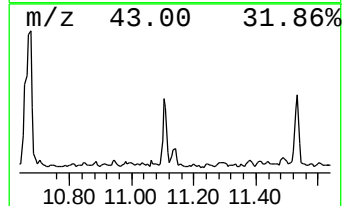
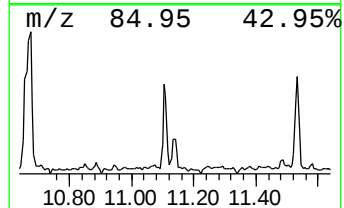
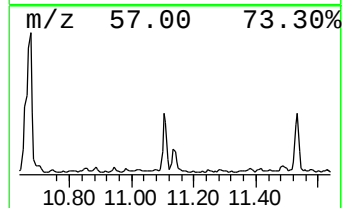
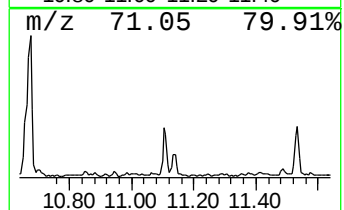
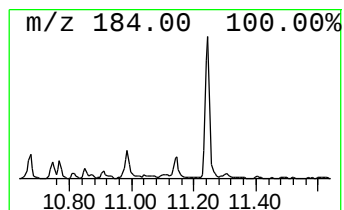
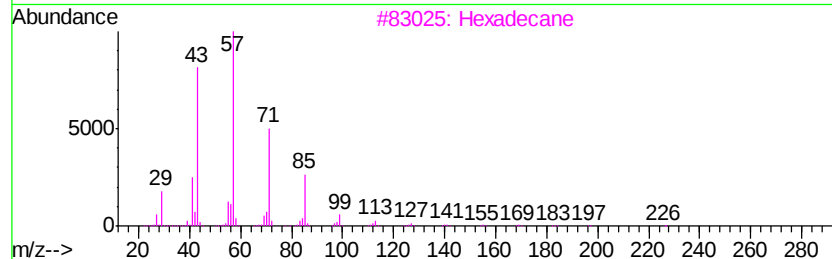
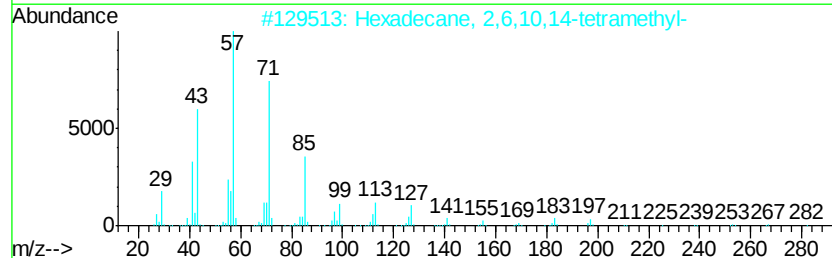
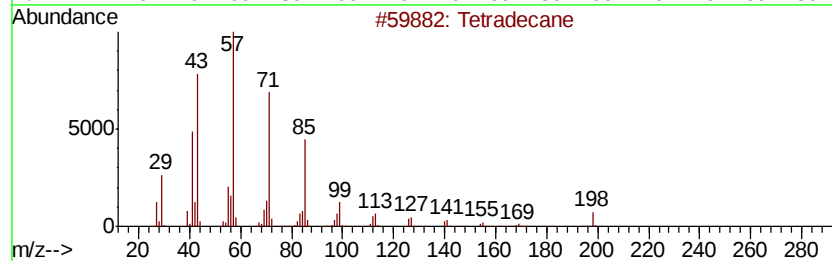
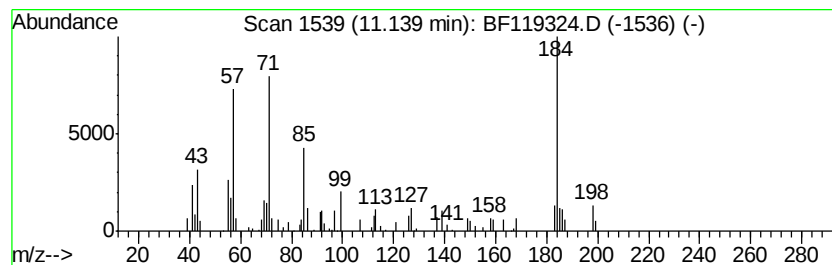
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.65 ng	96754	Phenanthrene-d10	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 50
2		Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8 43
3		Hexadecane	226 C16H34	000544-76-3 38
4		Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3 27
5		6-Fluoroveratraldehyde	184 C9H9FO3	071924-62-4 25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119324.D
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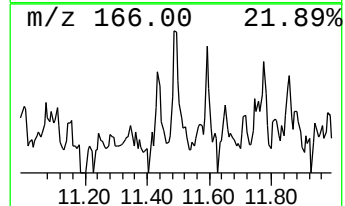
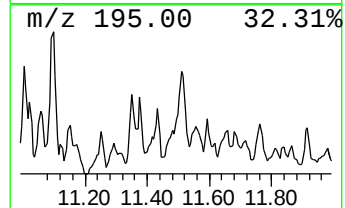
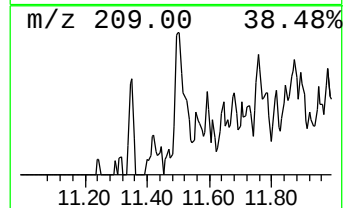
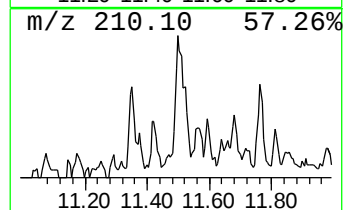
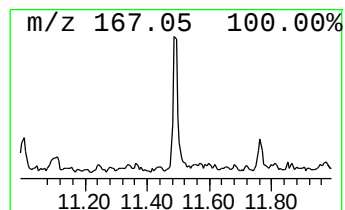
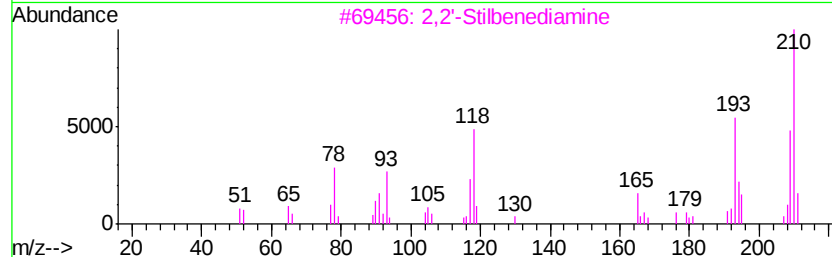
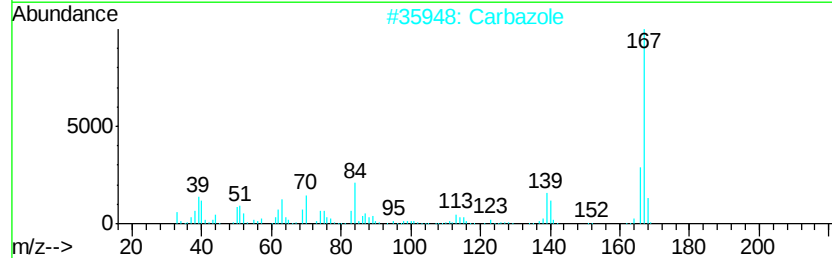
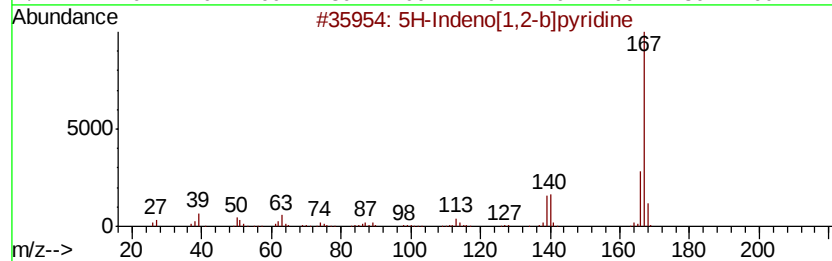
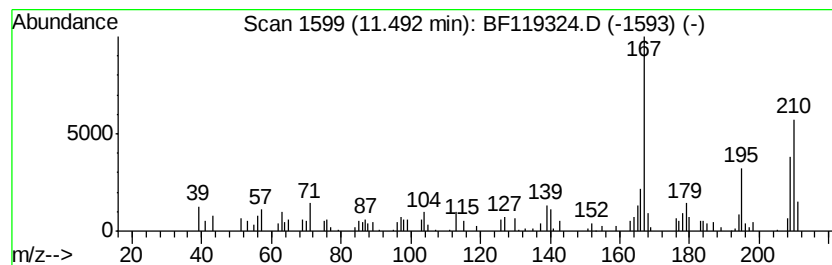
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.49 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.54 ng	92584	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	42
2			Carbazole	167	C12H9N	000086-74-8	42
3			2,2'-Stilbenediamine	210	C14H14N2	000617-20-9	38
4			3-(N,N-Dimethylamino)carbazole	210	C14H14N2	001140-50-7	35
5			Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119324.D
Acq On : 10 Mar 2020 18:51
Operator : CG/JU
Sample : L1852-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-S

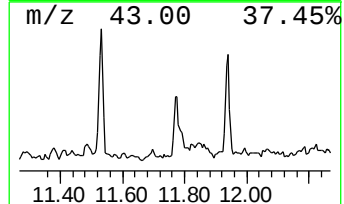
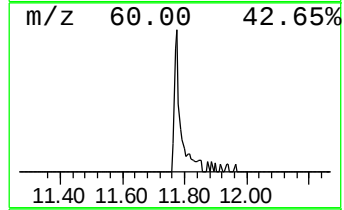
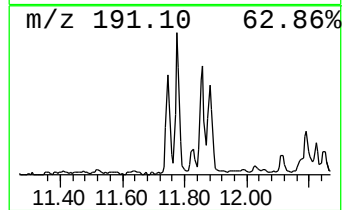
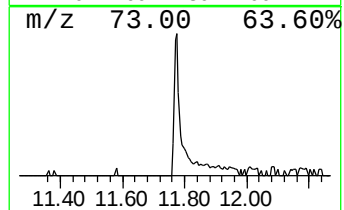
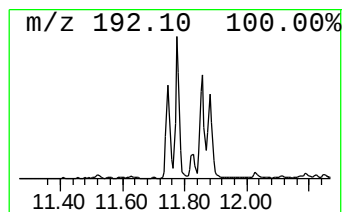
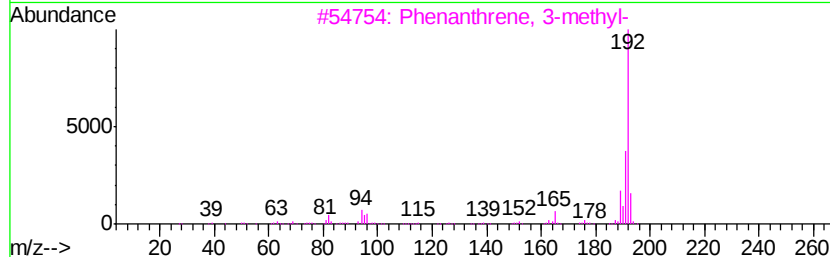
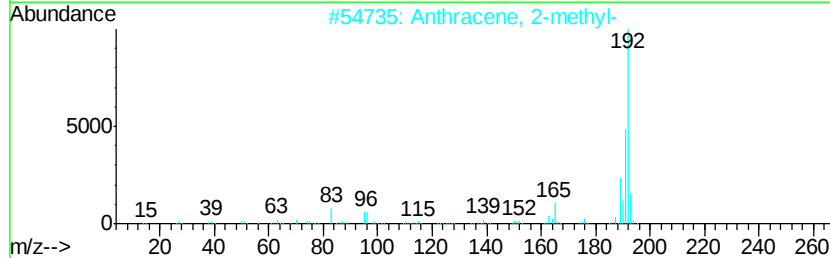
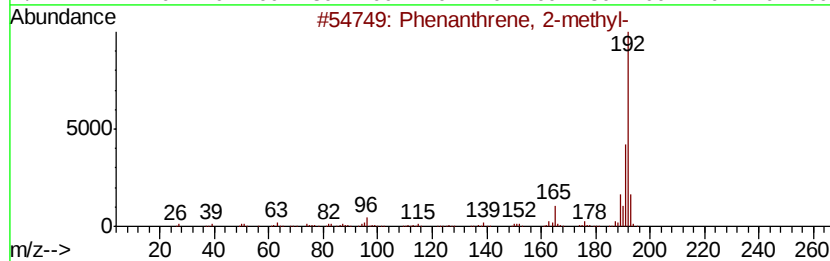
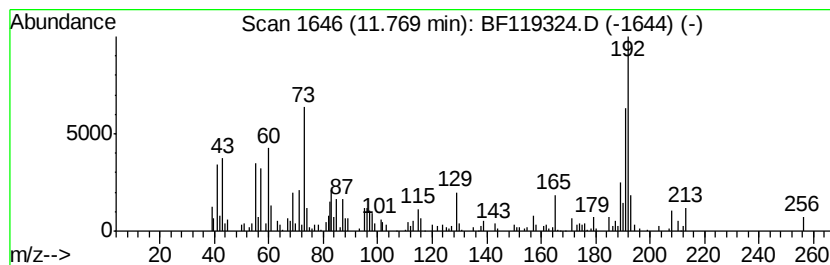
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.20 ng	226334	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5			1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	92



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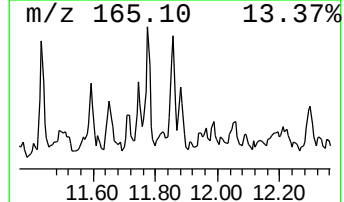
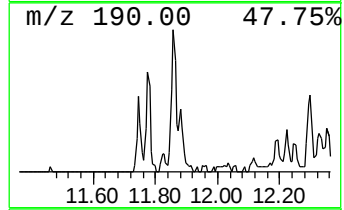
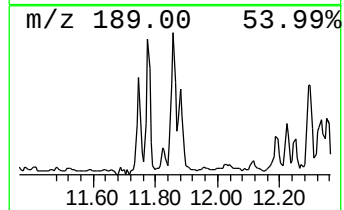
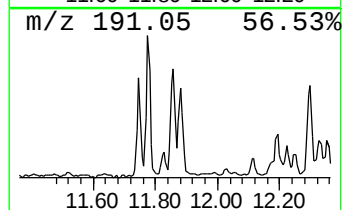
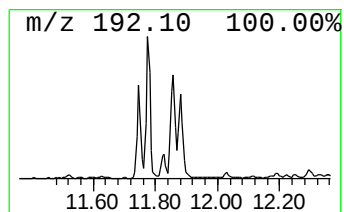
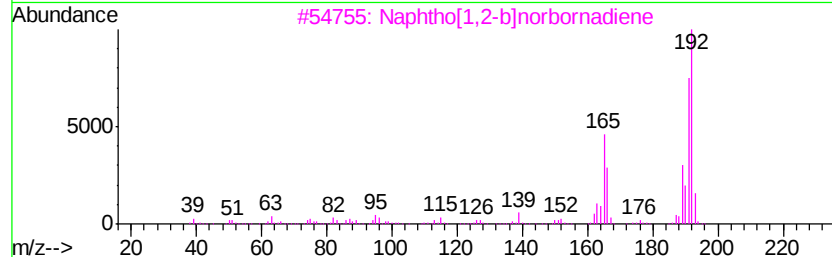
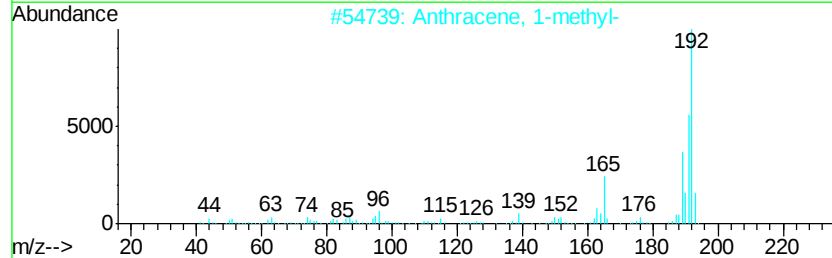
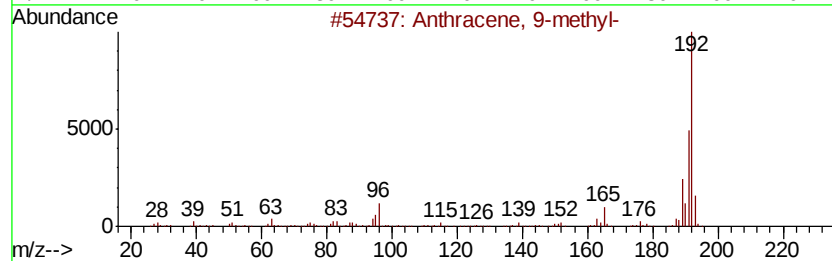
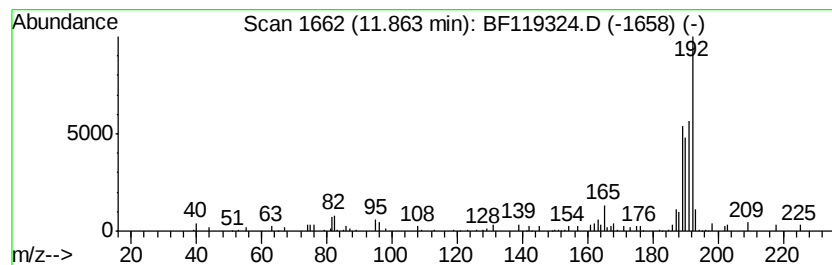
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.64 ng	132696	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	70
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70



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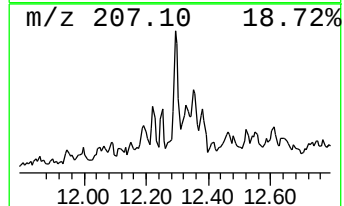
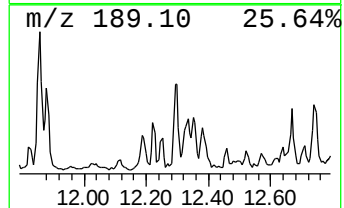
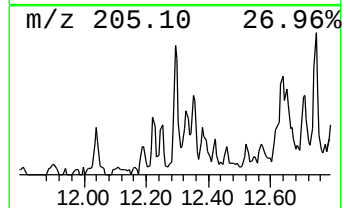
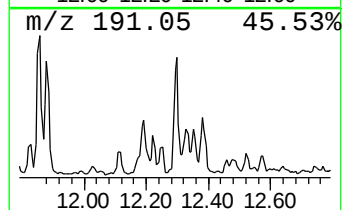
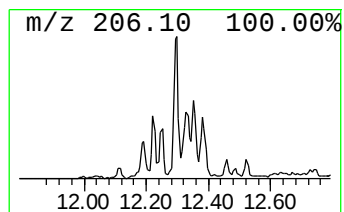
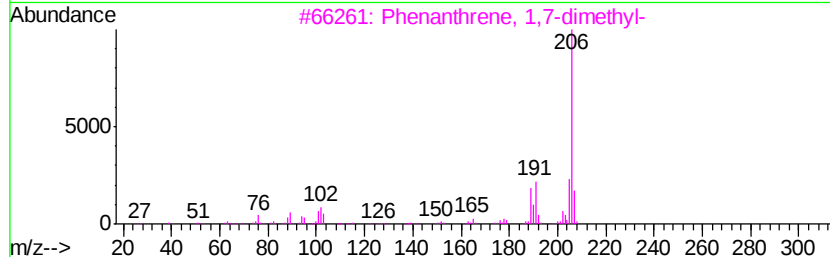
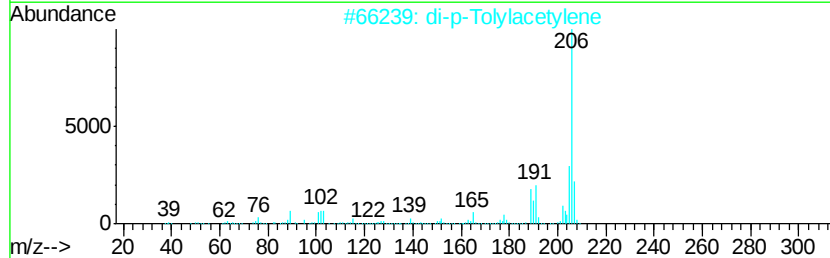
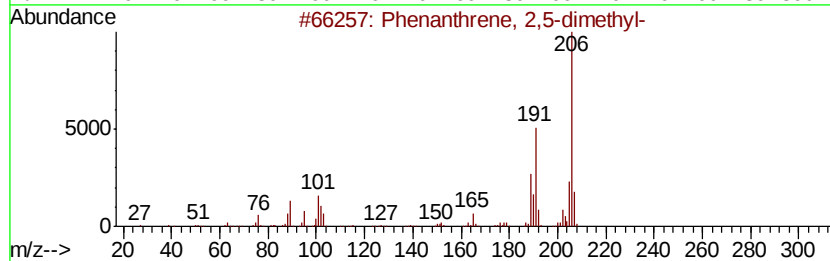
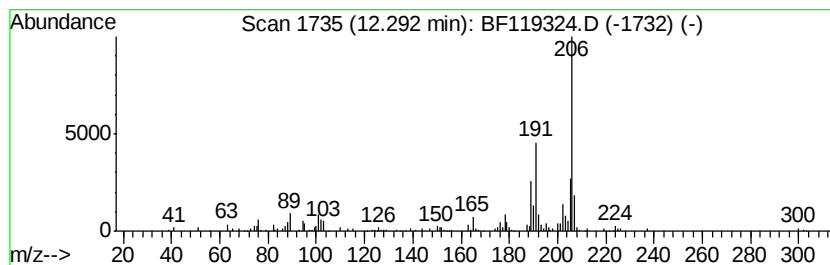
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.81 ng	139194	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91



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Sample : L1852-15
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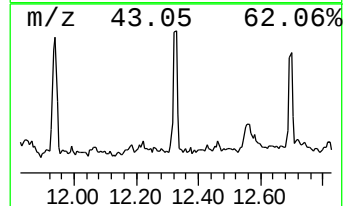
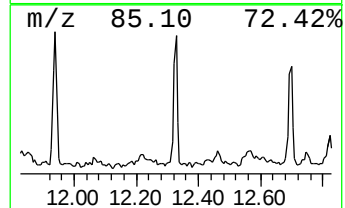
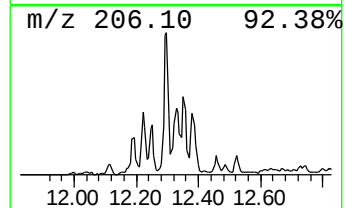
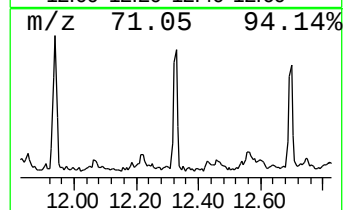
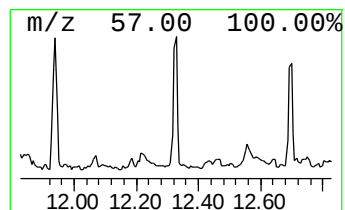
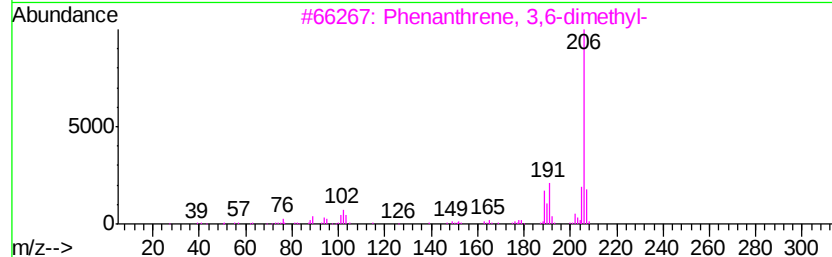
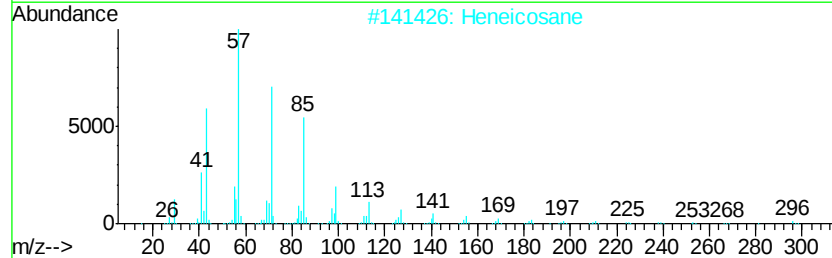
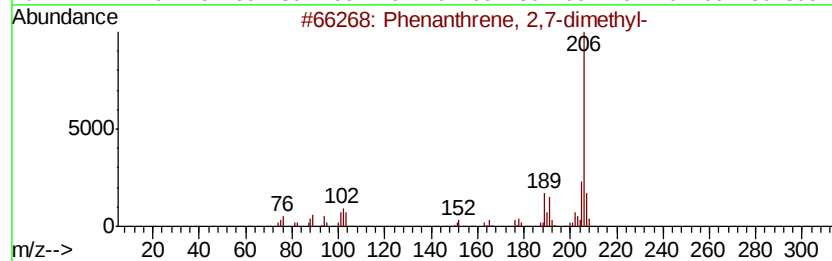
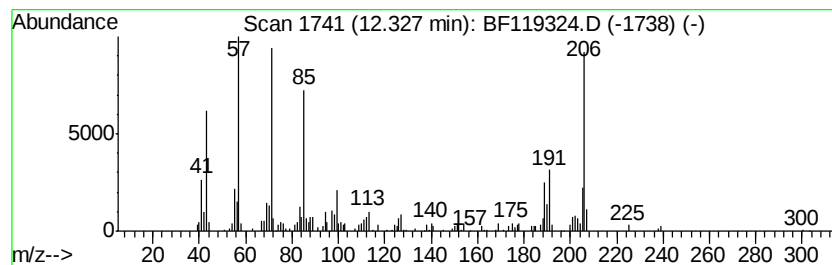
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.33 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.33	3.54 ng	129356	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
2	Heneicosane	296	C21H44	000629-94-7	46
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	45
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	41
5	Heptadecane	240	C17H36	000629-78-7	41



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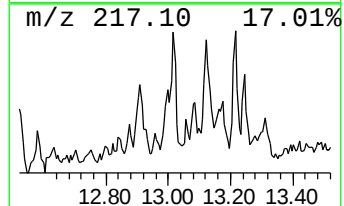
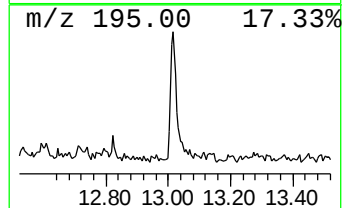
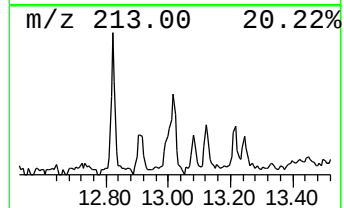
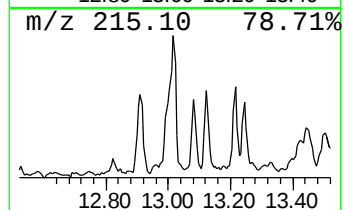
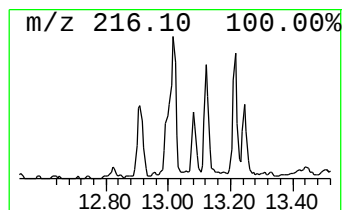
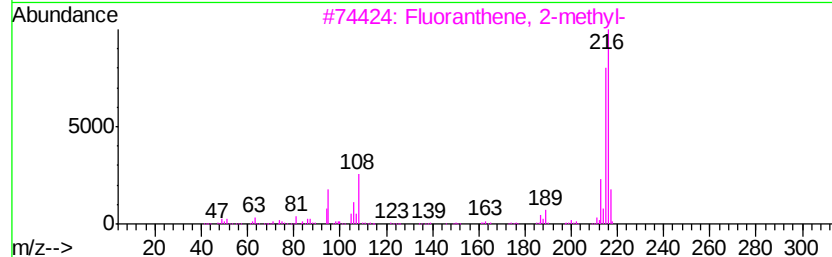
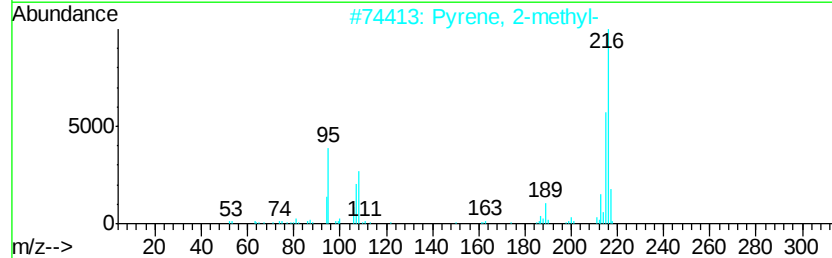
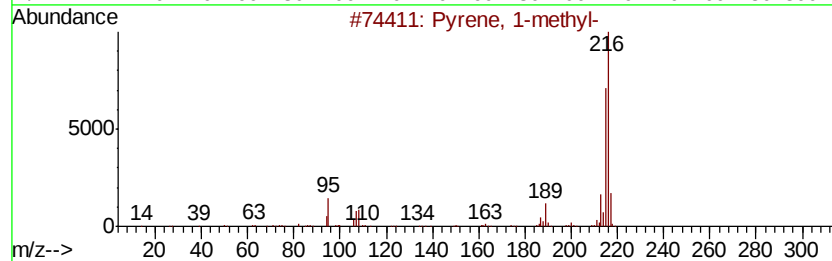
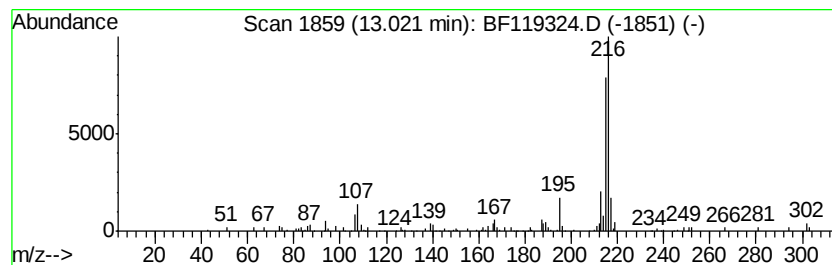
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.58 ng	120231	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	70



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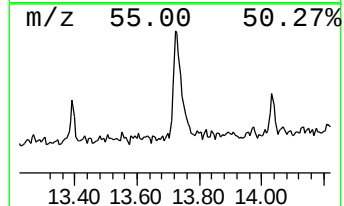
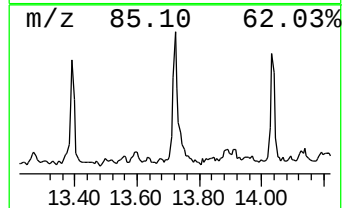
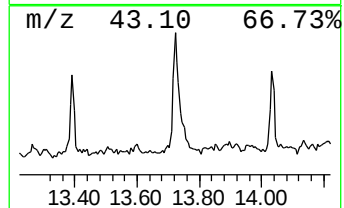
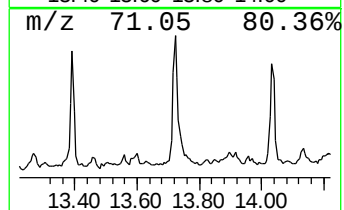
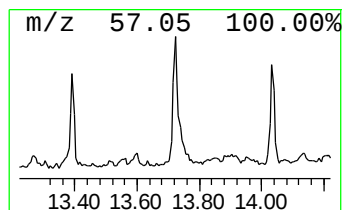
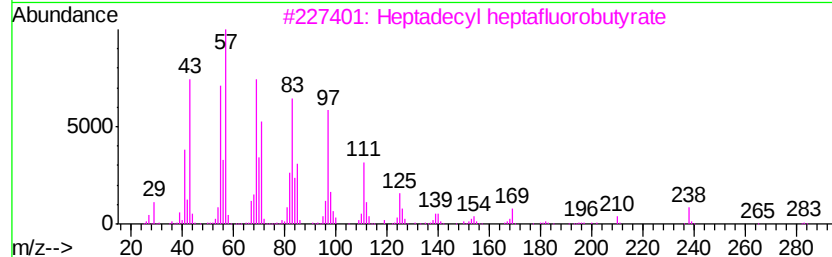
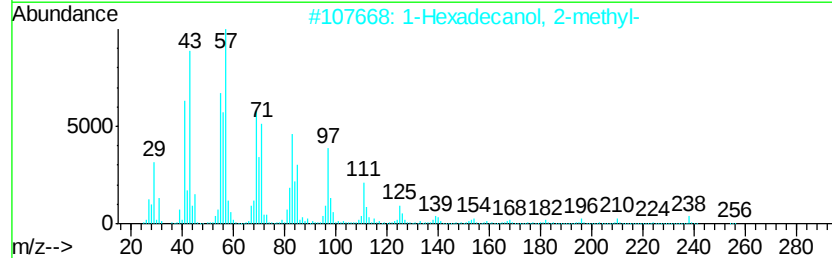
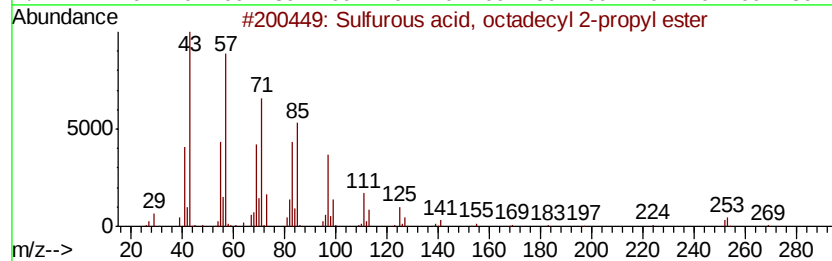
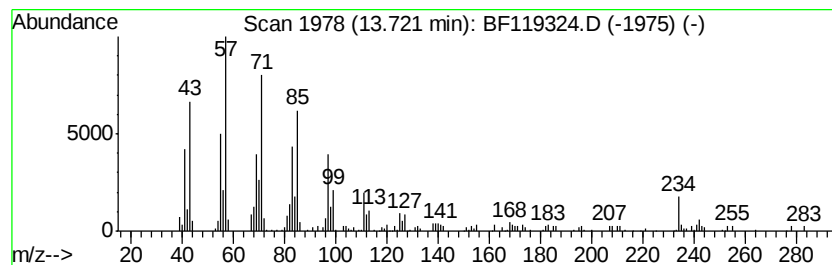
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Sulfurous acid, octadecyl 2... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.58 ng	166917	Chrysene-d12	13.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2			1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	58
3			Heptadecyl heptafluorobutyr...	452	C21H35F7O2	959085-66-6	55
4			Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	50
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	50



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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
TP-3-S

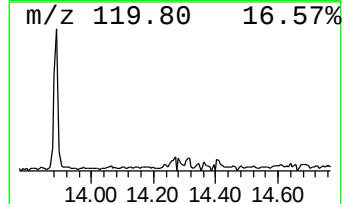
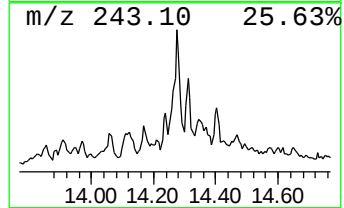
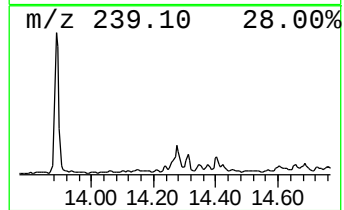
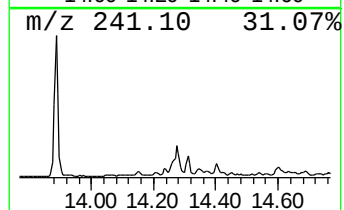
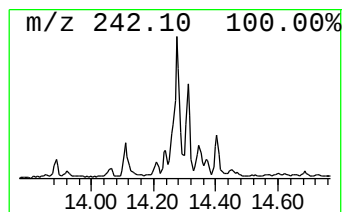
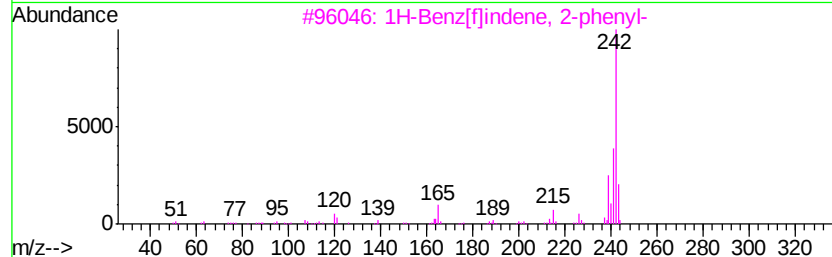
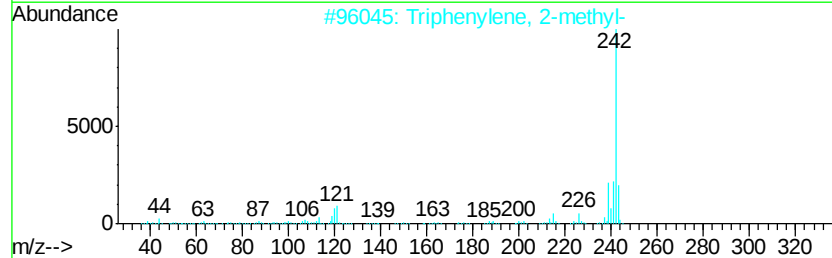
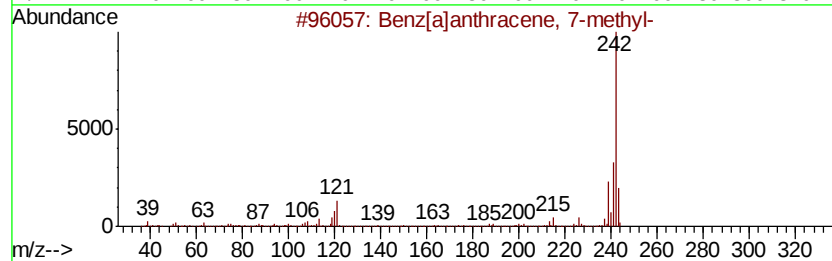
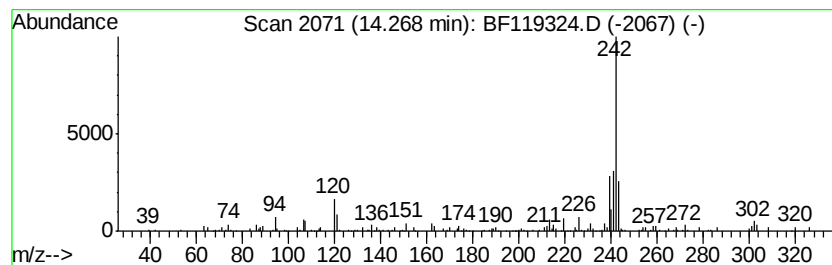
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.81 ng	131155	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
2		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
3		1H-Benz[fl]indene, 2-phenyl-	242	C19H14	1000305-22-4	86
4		Chrysene, 5-methyl-	242	C19H14	003697-24-3	86
5		Chrysene, 1-methyl-	242	C19H14	003351-28-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119324.D
Acq On : 10 Mar 2020 18:51
Operator : CG/JU
Sample : L1852-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-S

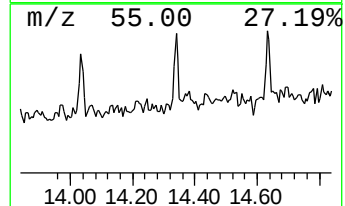
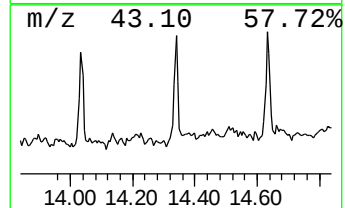
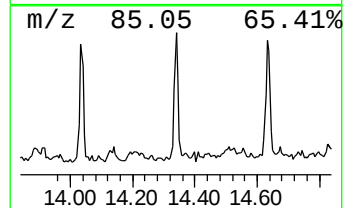
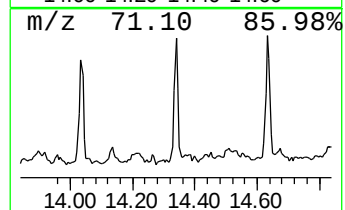
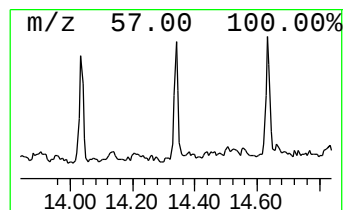
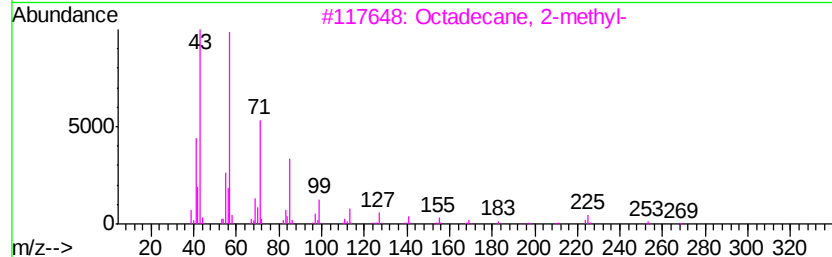
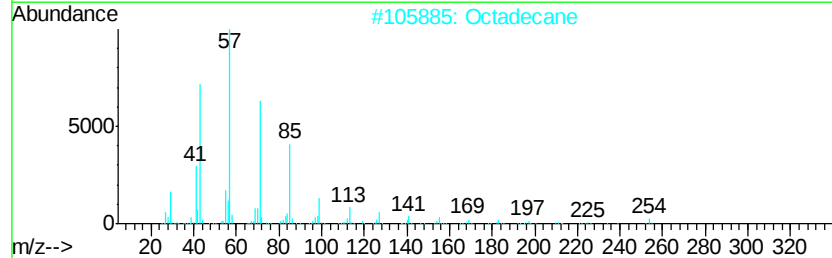
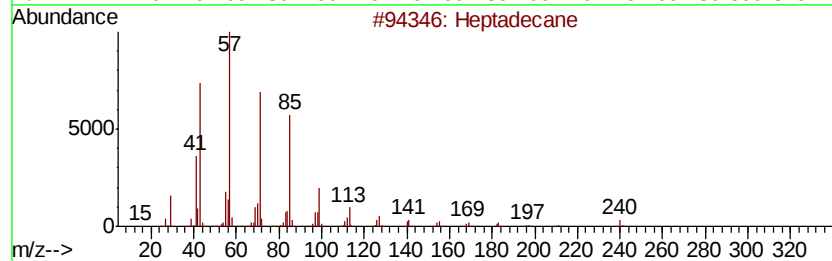
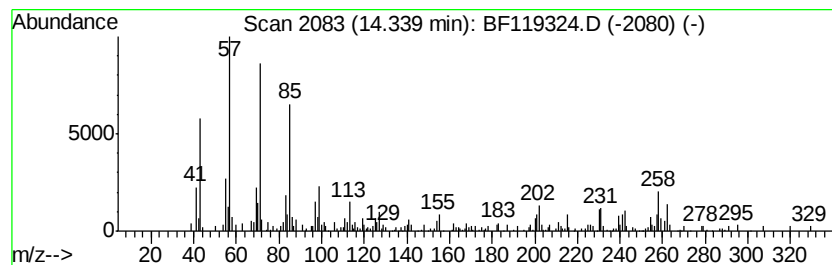
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.03 ng	141364	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	96
2		Octadecane	254	C18H38	000593-45-3	86
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
4		Hexadecane	226	C16H34	000544-76-3	83
5		Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119324.D
Acq On : 10 Mar 2020 18:51
Operator : CG/JU
Sample : L1852-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-S

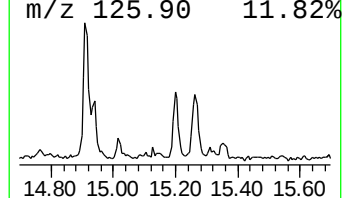
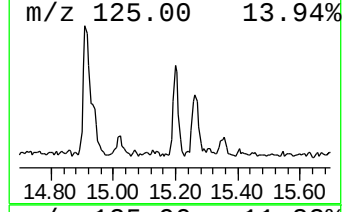
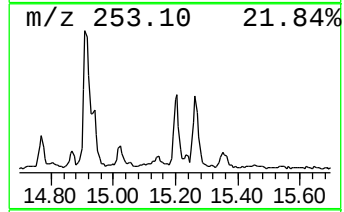
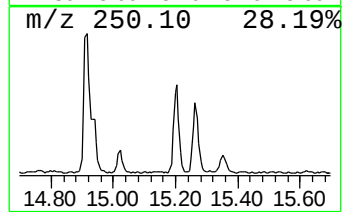
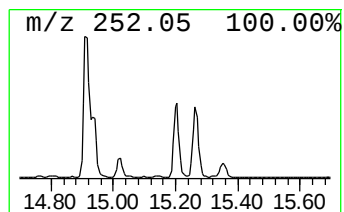
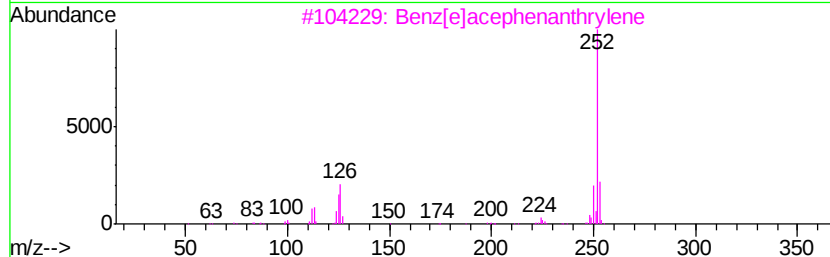
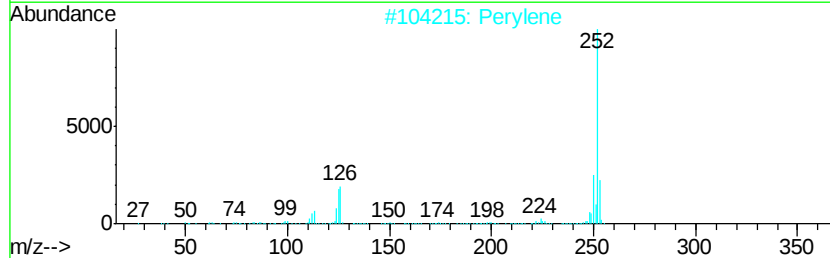
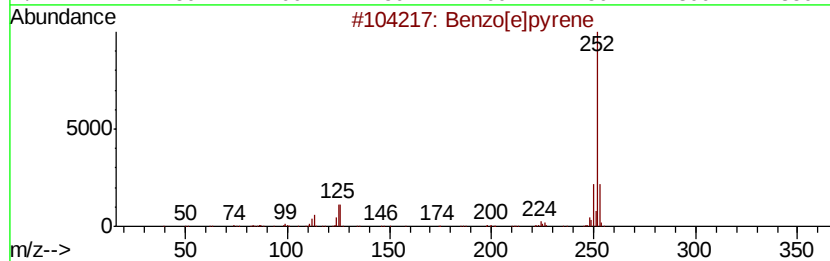
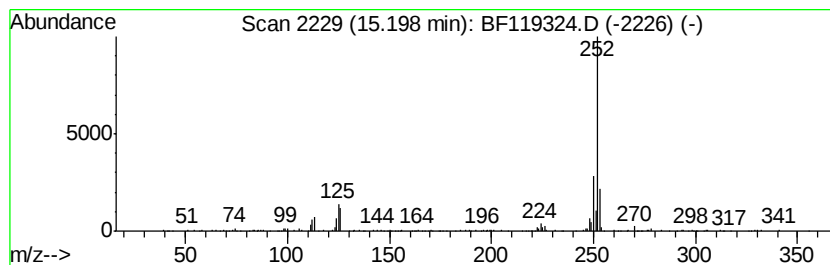
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	6.04 ng	155978	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031020\
 Data File : BF119324.D
 Acq On : 10 Mar 2020 18:51
 Operator : CG/JU
 Sample : L1852-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

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-Hexanol, 2-methyl-	4.92	8.8 ng		283044	1	6.72	643631	20.0
Naphthalene, 2,3-...	9.42	3.8 ng		178332	3	9.76	931574	20.0
Naphthalene, 1,4-...	9.54	2.8 ng		127884	3	9.76	931574	20.0
Naphthalene, 1,6,...	10.16	2.7 ng		127340	3	9.76	931574	20.0
Naphthalene, 2,3,...	10.30	2.7 ng		124415	3	9.76	931574	20.0
Hexadecane, 2,6,1...	10.67	8.0 ng		290887	4	11.25	729840	20.0
Chamazulene	10.99	3.2 ng		115525	4	11.25	729840	20.0
Heptadecane	11.10	3.9 ng		140566	4	11.25	729840	20.0
Tetradecane	11.14	2.6 ng		96754	4	11.25	729840	20.0
unknown11.49	11.49	2.5 ng		92584	4	11.25	729840	20.0
Phenanthrene, 2-m...	11.77	6.2 ng		226334	4	11.25	729840	20.0
Anthracene, 9-met...	11.86	3.6 ng		132696	4	11.25	729840	20.0
Phenanthrene, 2,5...	12.29	3.8 ng		139194	4	11.25	729840	20.0
unknown12.33	12.33	3.5 ng		129356	4	11.25	729840	20.0
Pyrene, 1-methyl-	13.02	2.6 ng		120231	5	13.89	932646	20.0
Sulfurous acid, o...	13.72	3.6 ng		166917	5	13.89	932646	20.0
Benz[a]anthracene...	14.27	2.8 ng		131155	5	13.89	932646	20.0
Octadecane	14.34	3.0 ng		141364	5	13.89	932646	20.0
Benzo[e]pyrene	15.20	6.0 ng		155978	6	15.32	516875	20.0