

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112609.D
 Acq On : 18 Feb 2019 19:00
 Operator : JU/SJ
 Sample : K1518-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-7

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-BF012519.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	5.022	496	499	510	rBV	44767	60969	3.54%	0.279%
2	5.451	569	572	594	rBV	1024563	1210442	70.35%	5.530%
3	5.651	602	606	613	rBV	44520	58617	3.41%	0.268%
4	6.475	742	746	763	rBV	1160895	1363942	79.27%	6.232%
5	6.598	763	767	773	rVV	1587082	1433620	83.32%	6.550%
6	6.657	773	777	781	rVV	83283	107479	6.25%	0.491%
7	6.698	781	784	789	rVV	39397	45177	2.63%	0.206%
8	6.757	789	794	802	rVB4	13873	23223	1.35%	0.106%
9	6.822	802	805	811	rBV	394851	342055	19.88%	1.563%
10	6.975	828	831	845	rVB	1127728	1094567	63.61%	5.001%
11	7.087	845	850	855	rBV	43261	52198	3.03%	0.238%
12	7.386	897	901	908	rBV	925490	834050	48.47%	3.811%
13	7.434	908	909	913	rVV2	31681	37110	2.16%	0.170%
14	7.481	915	917	923	rVB	16663	19612	1.14%	0.090%
15	7.675	945	950	959	rBV	104897	137864	8.01%	0.630%
16	7.857	976	981	984	rBV4	20324	27925	1.62%	0.128%
17	7.904	984	989	992	rBV	25389	28397	1.65%	0.130%
18	8.104	1020	1023	1030	rBV	510549	444503	25.83%	2.031%
19	8.316	1054	1059	1065	rBV	84819	98072	5.70%	0.448%
20	8.375	1066	1069	1078	rVB	99038	119836	6.96%	0.548%
21	8.686	1119	1122	1126	rBV3	50990	76956	4.47%	0.352%
22	8.716	1126	1127	1132	rVB4	29782	26829	1.56%	0.123%
23	8.816	1141	1144	1148	rBV3	54218	65629	3.81%	0.300%
24	8.875	1152	1154	1157	rBV2	35969	30014	1.74%	0.137%
25	8.916	1158	1161	1165	rBV2	26235	27078	1.57%	0.124%
26	8.986	1169	1173	1176	rBV	40635	37333	2.17%	0.171%
27	9.098	1189	1192	1194	rBV	42434	37144	2.16%	0.170%
28	9.122	1194	1196	1199	rVV	27705	20898	1.21%	0.095%
29	9.175	1202	1205	1214	rVB	1898391	1720637	100.00%	7.862%
30	9.251	1215	1218	1221	rBV4	45847	45400	2.64%	0.207%
31	9.569	1268	1272	1279	rBV	146013	164057	9.53%	0.750%
32	9.722	1296	1298	1301	rBV	80043	77794	4.52%	0.355%
33	9.857	1318	1321	1325	rVV	561324	526857	30.62%	2.407%
34	9.892	1325	1327	1333	rVB2	31078	35084	2.04%	0.160%

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.263	1386	1390	1392	rBV5	17859	28288	1.64%	0.129%
36	10.410	1412	1415	1420	rVB	30276	35272	2.05%	0.161%
37	10.657	1453	1457	1466	rBV	1264166	1205275	70.05%	5.507%
38	10.875	1492	1494	1497	rVB	22936	19239	1.12%	0.088%
39	11.086	1525	1530	1532	rBV5	11255	19013	1.10%	0.087%
40	11.198	1546	1549	1553	rBV5	23136	27562	1.60%	0.126%
41	11.351	1571	1575	1577	rBV	659971	590021	34.29%	2.696%
42	11.374	1577	1579	1584	rVV	292122	252863	14.70%	1.155%
43	11.427	1585	1588	1591	rVV	97139	83703	4.86%	0.382%
44	11.586	1610	1615	1619	rBV	70295	89017	5.17%	0.407%
45	11.627	1619	1622	1626	rVB5	21781	29628	1.72%	0.135%
46	11.692	1629	1633	1637	rVB7	11656	20548	1.19%	0.094%
47	11.739	1637	1641	1642	rBV3	12614	20552	1.19%	0.094%
48	11.869	1657	1663	1670	rBV4	285026	400071	23.25%	1.828%
49	11.933	1671	1674	1676	rBV	25806	22162	1.29%	0.101%
50	11.963	1676	1679	1682	rBV2	72404	78097	4.54%	0.357%
51	12.033	1688	1691	1693	rBV3	30486	28385	1.65%	0.130%
52	12.145	1707	1710	1713	rVB	35594	30648	1.78%	0.140%
53	12.186	1715	1717	1720	rVV	46299	42921	2.49%	0.196%
54	12.280	1731	1733	1737	rBV4	26342	31183	1.81%	0.142%
55	12.404	1751	1754	1756	rBV	36368	32557	1.89%	0.149%
56	12.498	1768	1770	1773	rVB	29704	27570	1.60%	0.126%
57	12.569	1778	1782	1785	rBV	545945	505017	29.35%	2.307%
58	12.651	1794	1796	1804	rVB2	84745	102386	5.95%	0.468%
59	12.716	1805	1807	1809	rBV2	31647	25888	1.50%	0.118%
60	12.798	1818	1821	1827	rVB	519361	460583	26.77%	2.104%
61	12.927	1839	1843	1847	rBV	1774413	1683520	97.84%	7.692%
62	12.963	1847	1849	1854	rVB	56482	60611	3.52%	0.277%
63	13.110	1870	1874	1875	rBV3	55085	71924	4.18%	0.329%
64	13.192	1886	1888	1890	rBV	30815	24328	1.41%	0.111%
65	13.816	1989	1994	1999	rBV3	229459	334657	19.45%	1.529%
66	13.998	2020	2025	2028	rBV2	550205	699560	40.66%	3.196%
67	14.021	2028	2029	2032	rVB	224466	167648	9.74%	0.766%
68	14.133	2046	2048	2052	rBV3	68909	59213	3.44%	0.271%
69	14.439	2097	2100	2103	rBV2	129491	121540	7.06%	0.555%
70	14.739	2149	2151	2155	rVB	161003	132561	7.70%	0.606%
71	15.045	2199	2203	2205	rBV	271126	350691	20.38%	1.602%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	15.068	2205	2207	2213	rVB2	301443	327407	19.03%	1.496%
73	15.351	2252	2255	2262	rVB2	180378	247947	14.41%	1.133%
74	15.415	2262	2266	2268	rVV	126213	160350	9.32%	0.733%
75	15.439	2268	2270	2273	rVV	119670	142519	8.28%	0.651%
76	15.474	2273	2276	2280	rVB	298350	326148	18.96%	1.490%
77	15.851	2335	2340	2347	rVB	652748	1041744	60.54%	4.760%
78	16.856	2509	2511	2519	rVB3	72566	134838	7.84%	0.616%
79	17.698	2646	2654	2664	rVB	483252	1159676	67.40%	5.299%

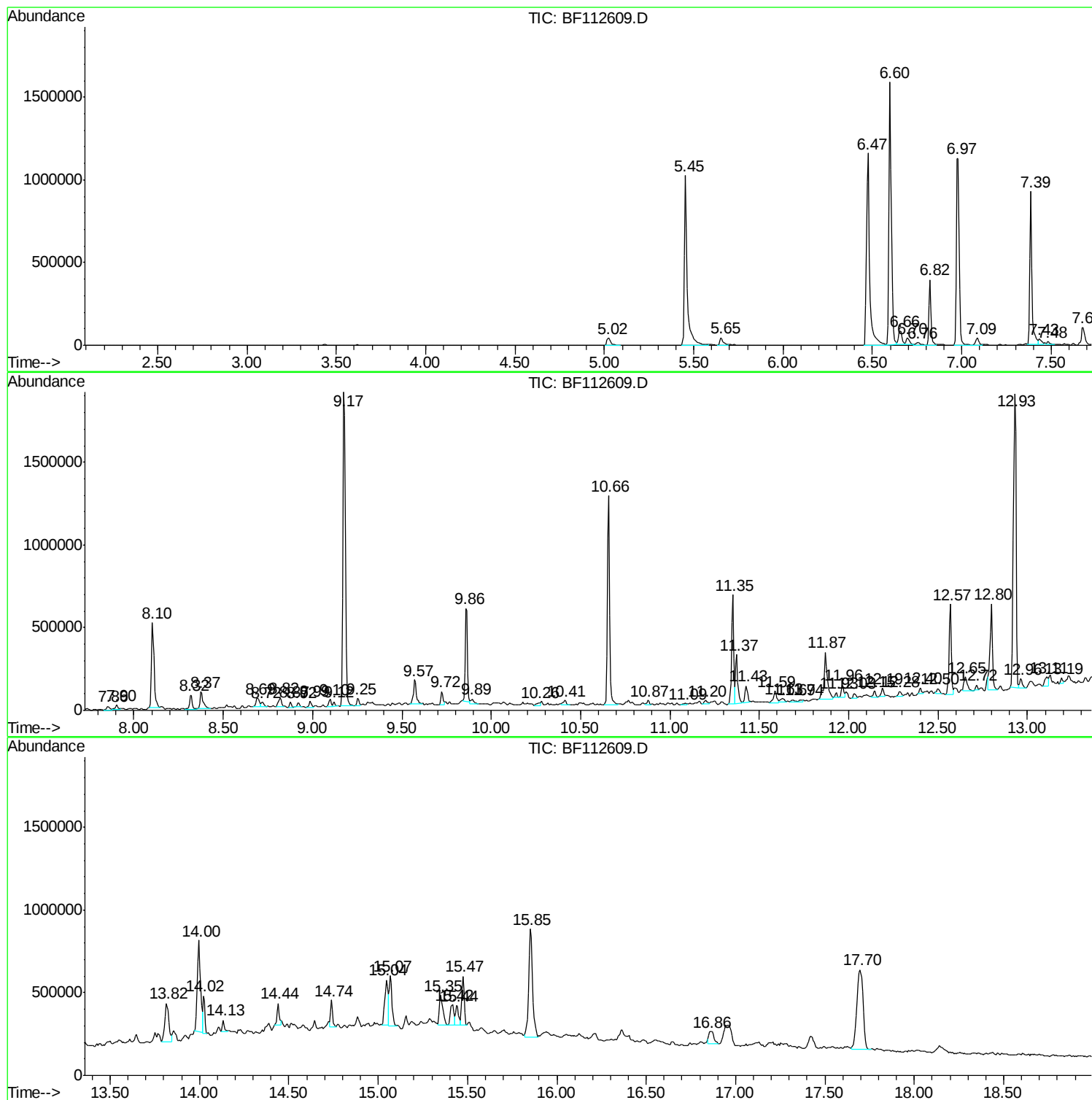
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF112609.D
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Instrument :
BNA_F
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CABLE-BRIDGE-FOUNDATION-D-7

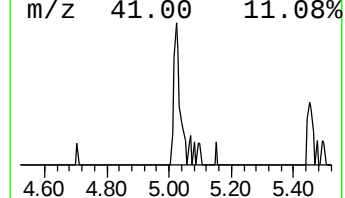
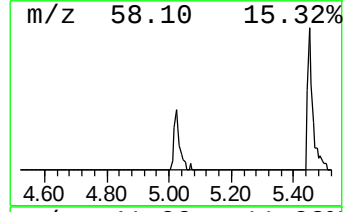
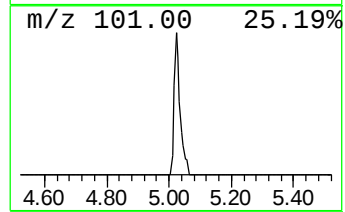
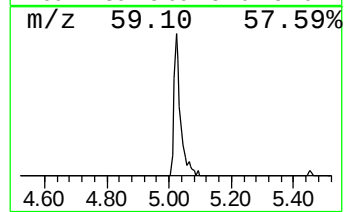
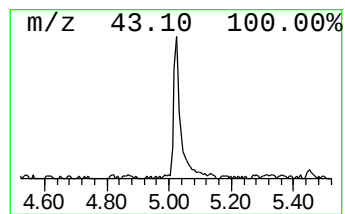
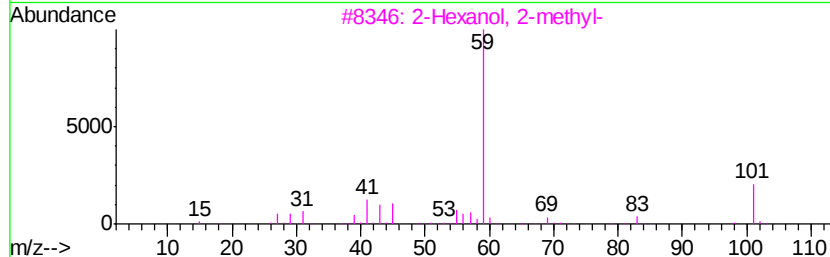
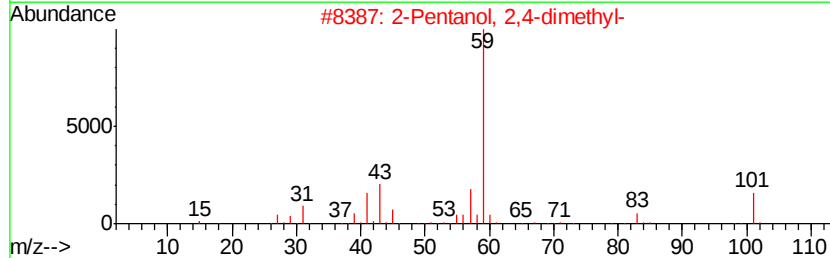
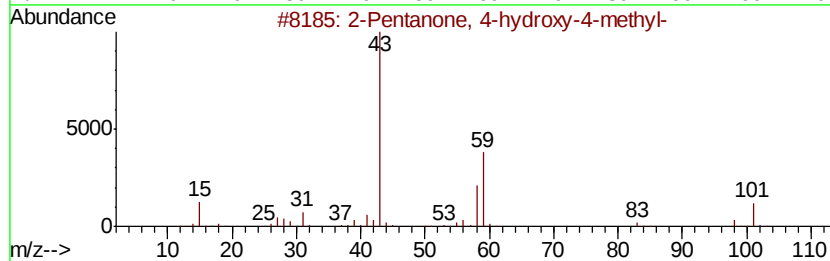
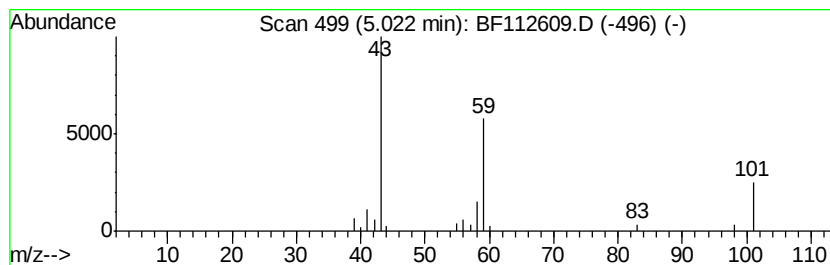
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.56 ng	60969	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	59
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	42
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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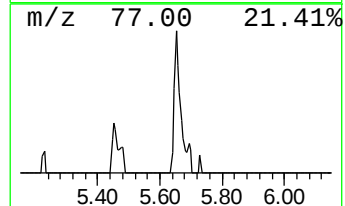
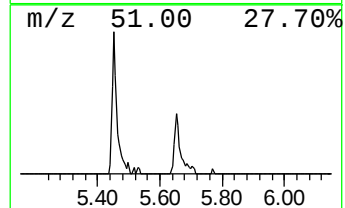
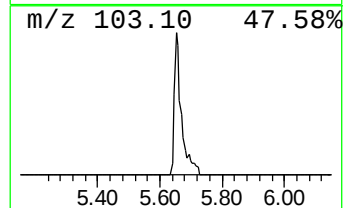
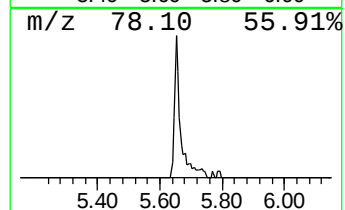
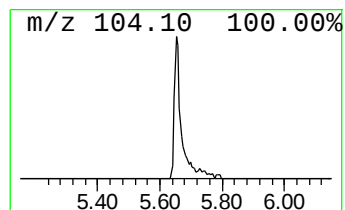
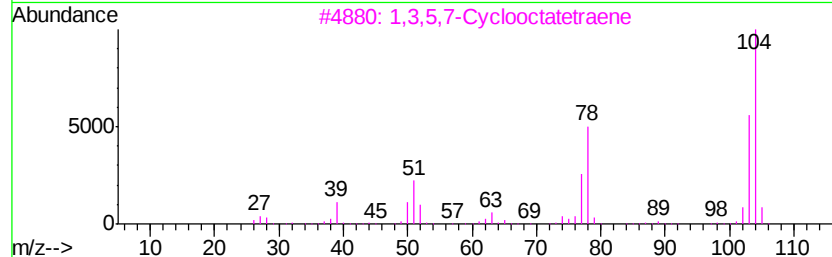
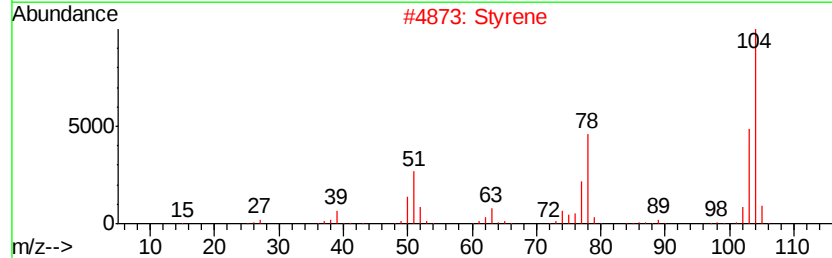
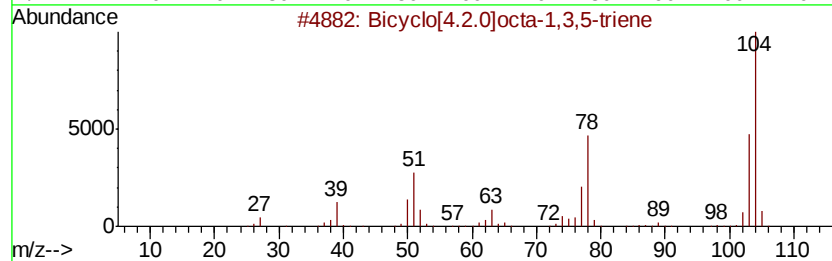
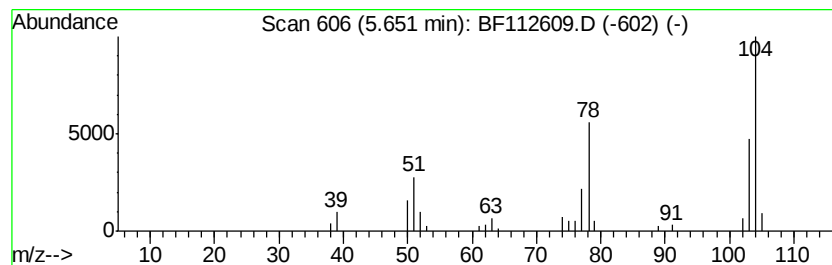
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	3.43 ng	58617	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2			Styrene	104	C8H8	000100-42-5	93
3			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91
4			2-Pyridinecarbonitrile	104	C6H4N2	000100-70-9	47
5			Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	45



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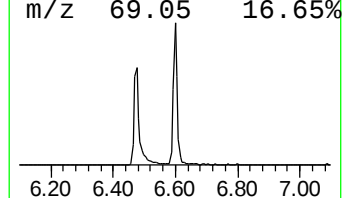
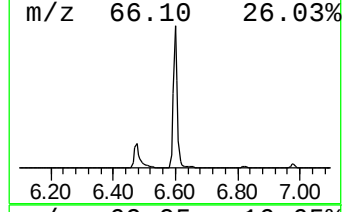
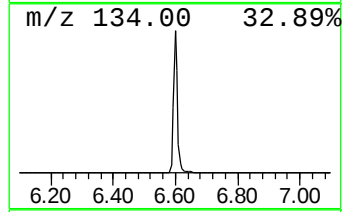
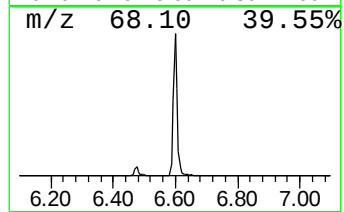
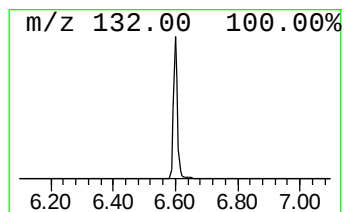
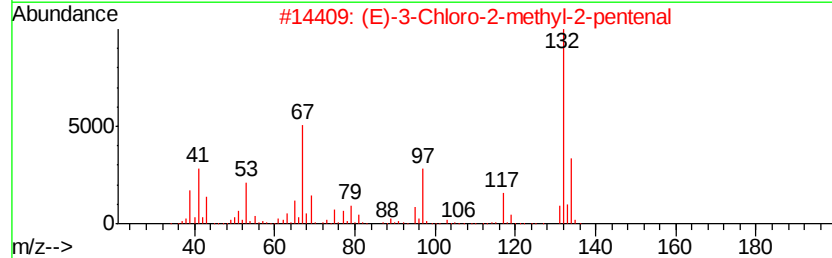
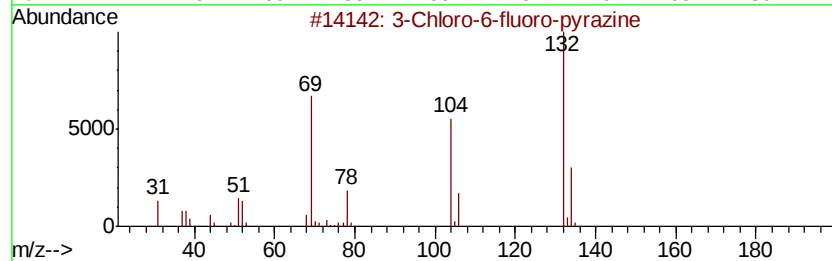
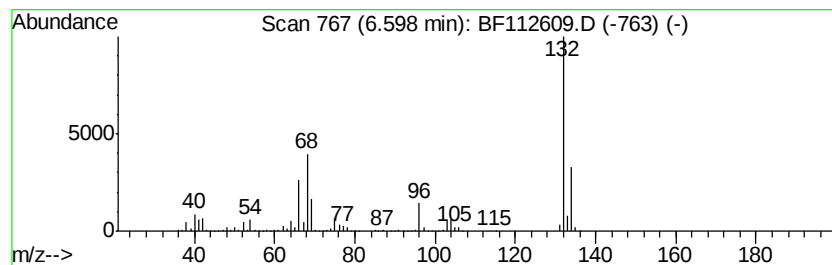
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	83.82 ng	1433620	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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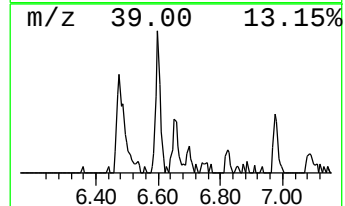
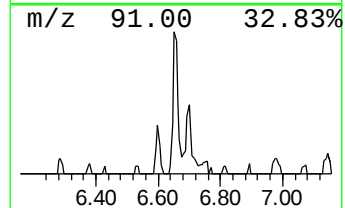
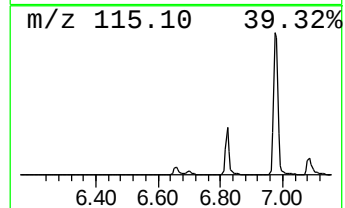
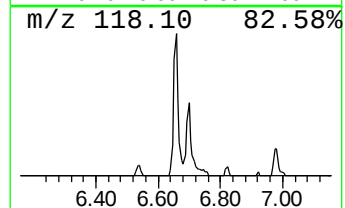
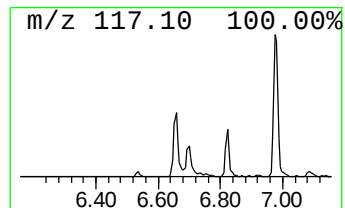
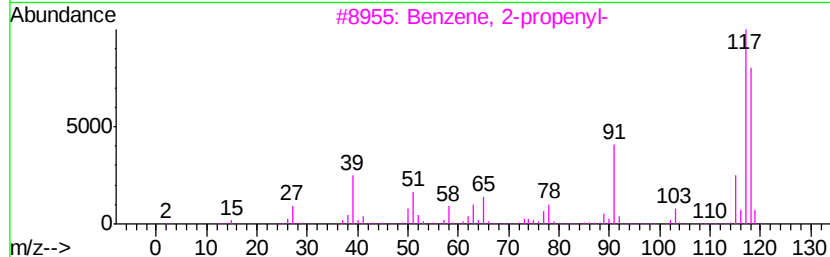
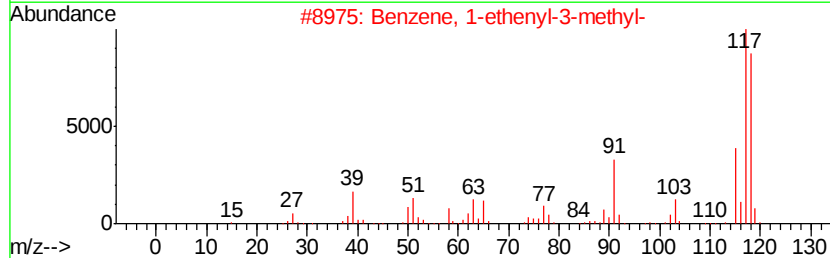
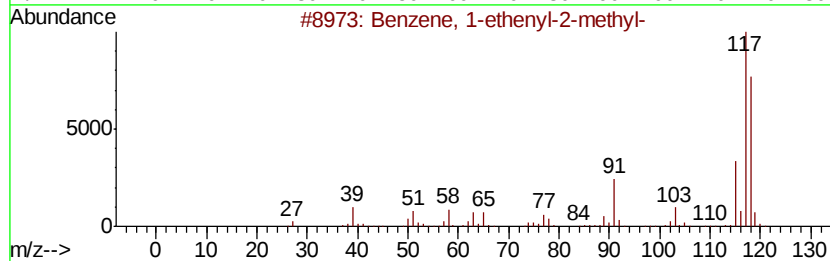
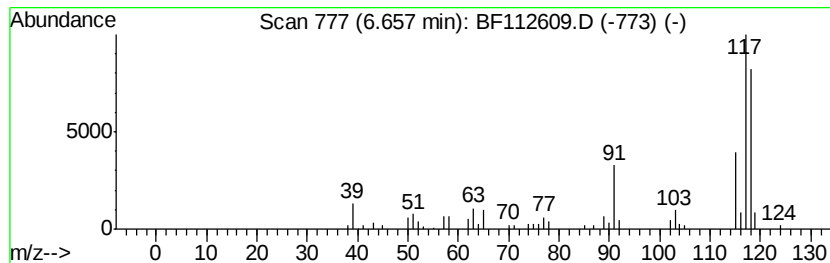
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	6.28 ng	107479	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

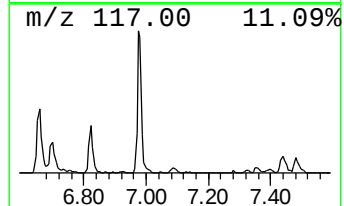
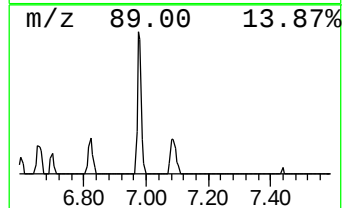
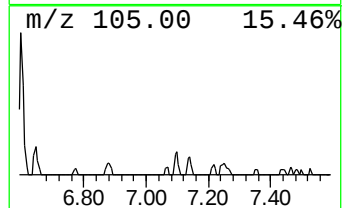
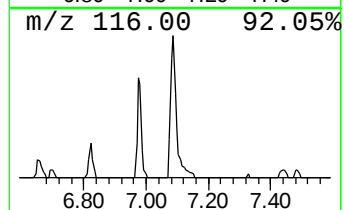
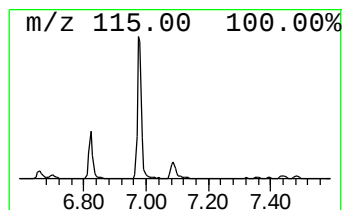
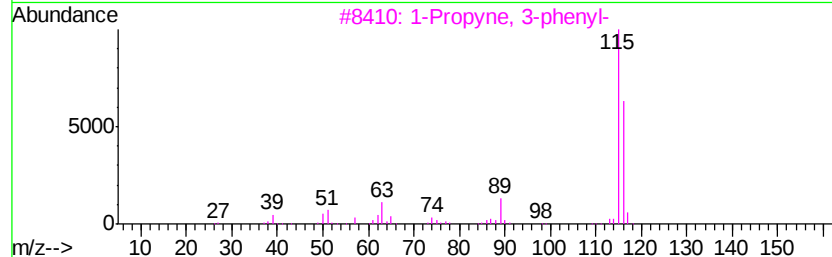
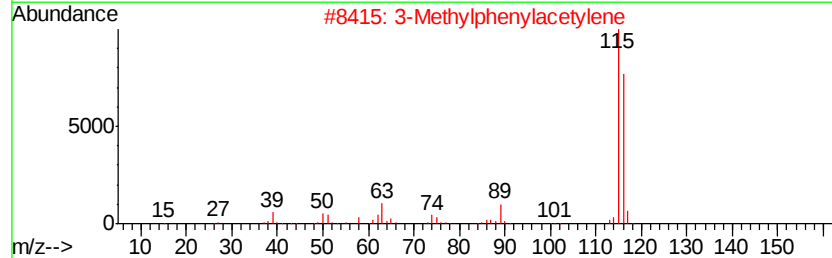
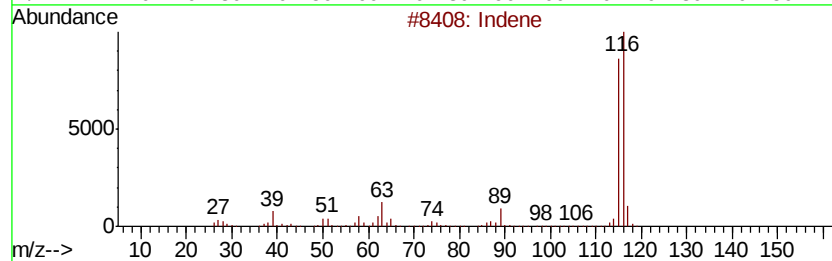
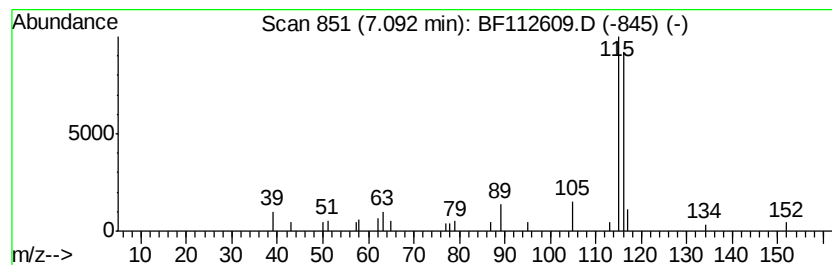
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	3.05 ng	52198	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

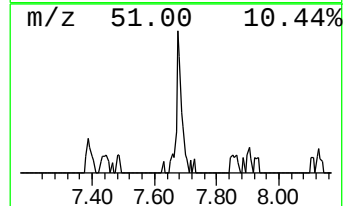
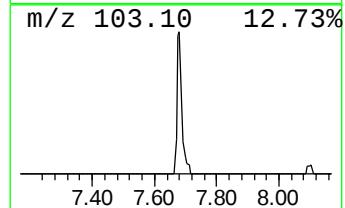
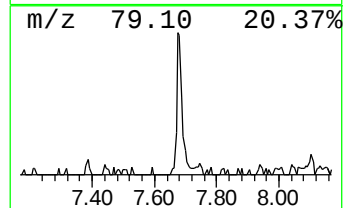
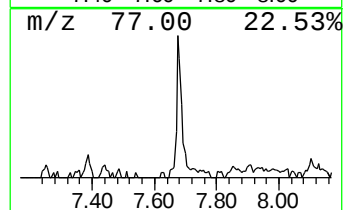
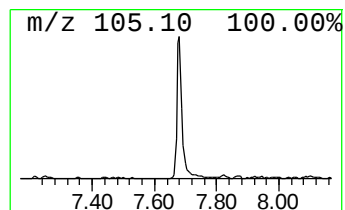
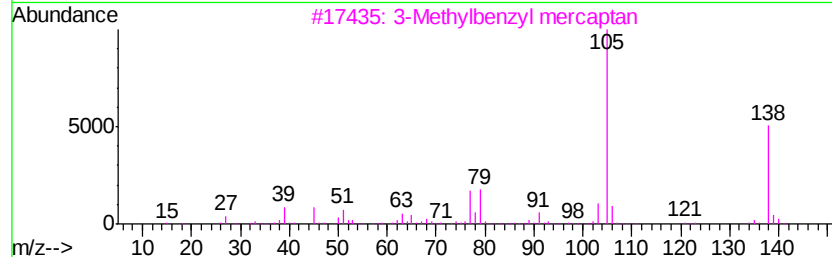
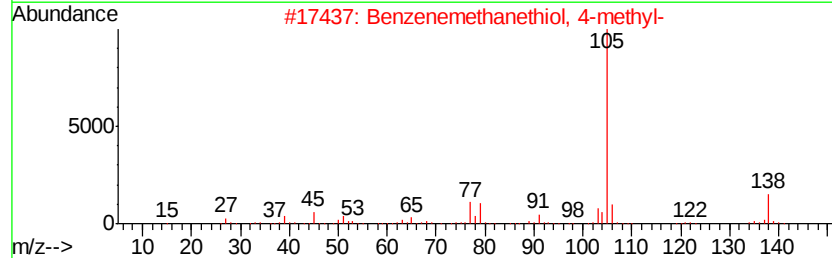
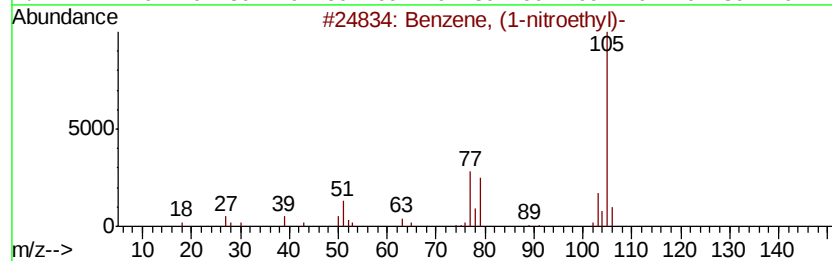
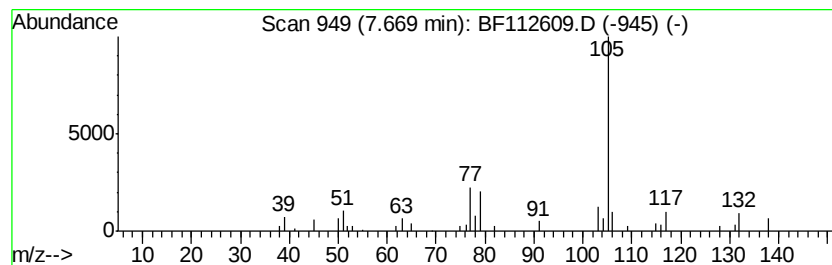
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, (1-nitroethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	6.20 ng	137864	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	86
2		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	80
3		3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	72
4		Phenol, o-[(.alpha.-methylbenzyl)...]	262	C14H14O3S	029634-38-6	72
5		Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

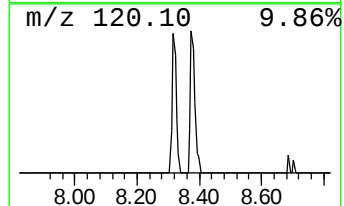
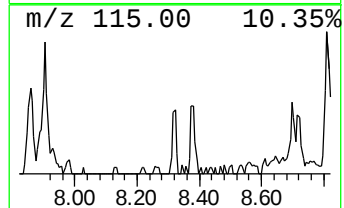
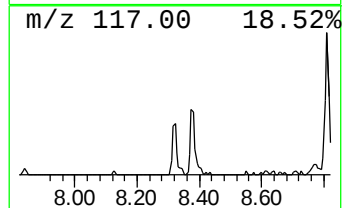
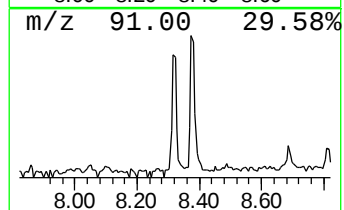
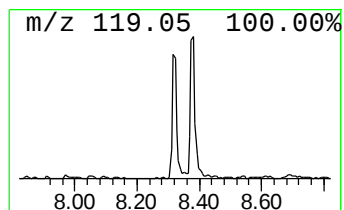
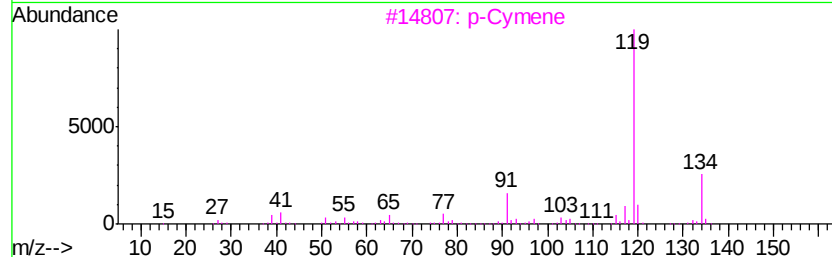
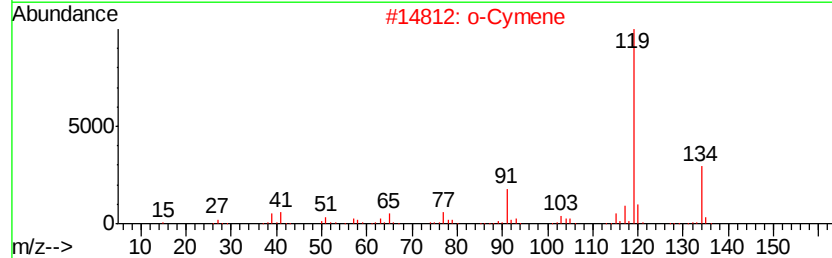
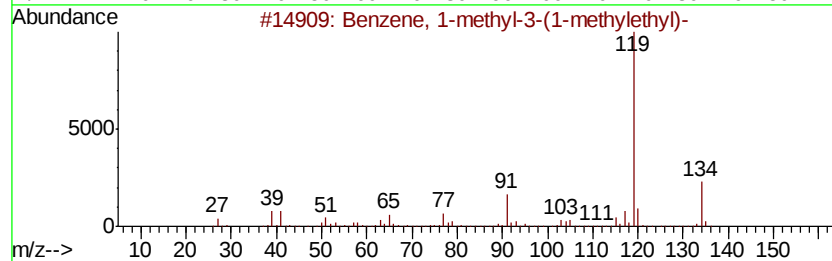
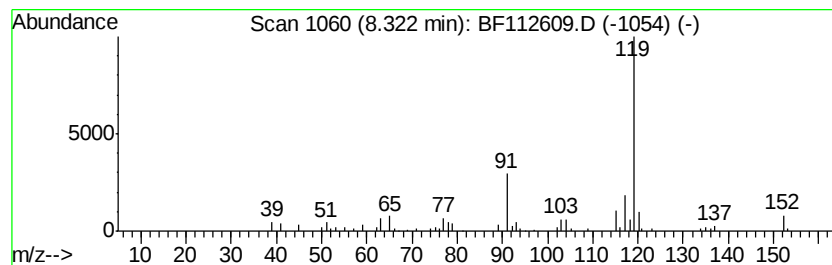
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	4.41 ng	98072	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2		o-Cymene	134	C10H14	000527-84-4	90
3		p-Cymene	134	C10H14	000099-87-6	86
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

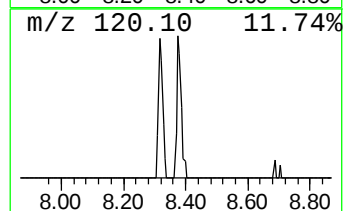
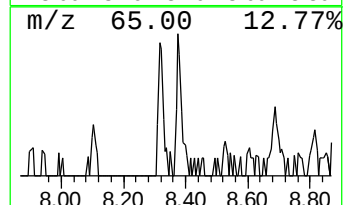
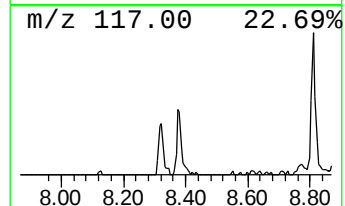
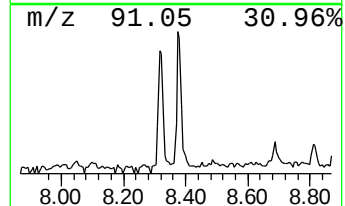
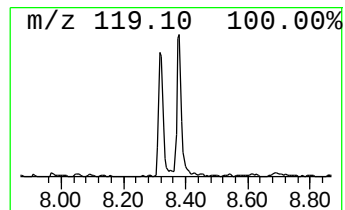
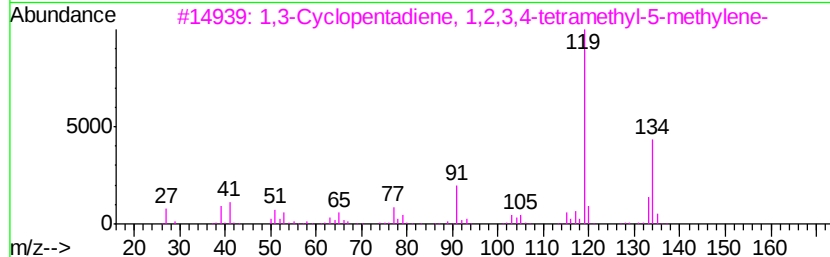
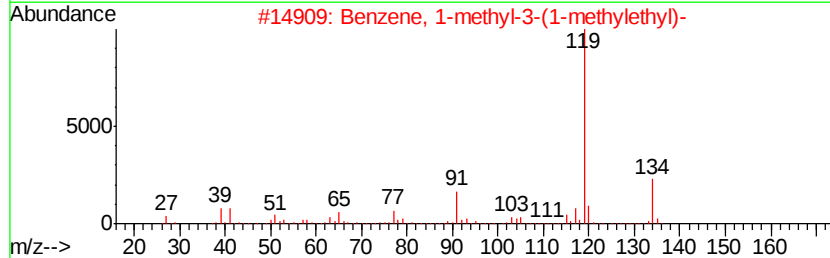
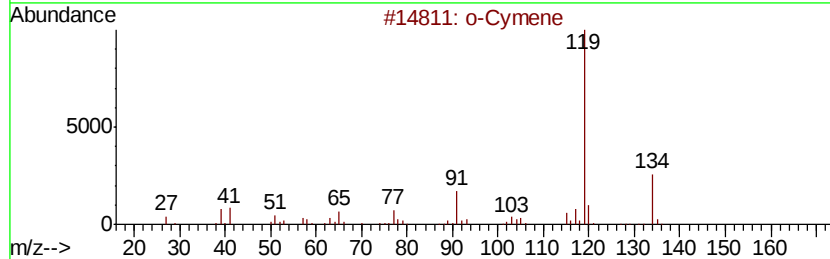
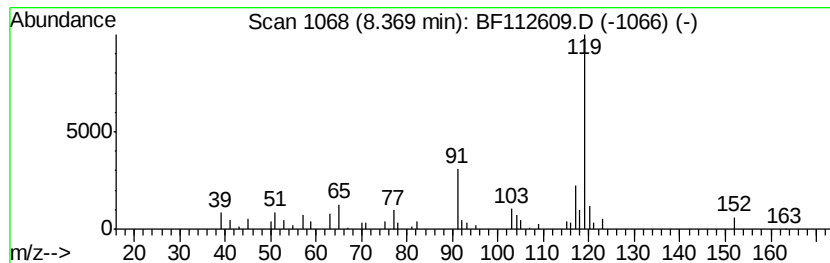
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	5.39 ng	119836	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	76
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	59
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	59
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

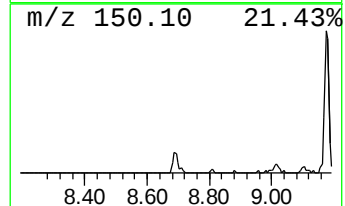
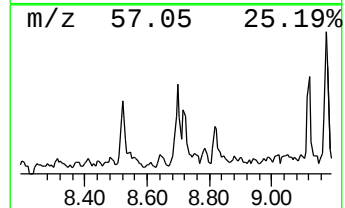
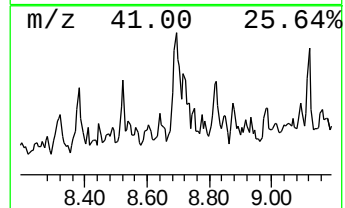
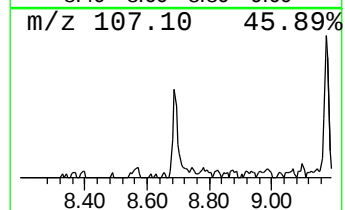
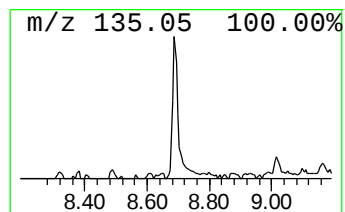
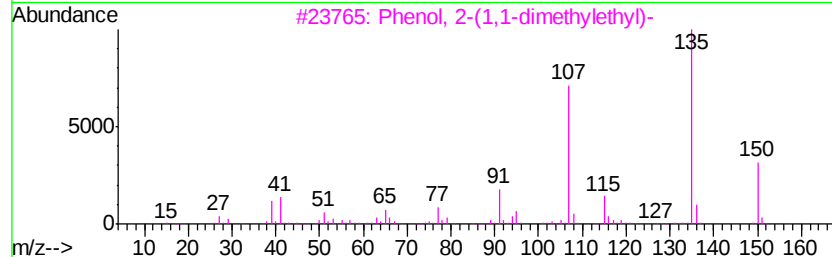
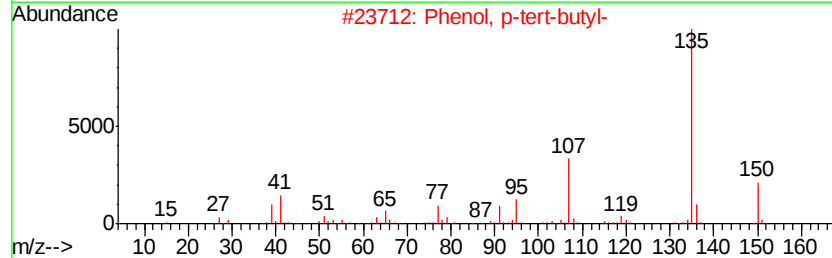
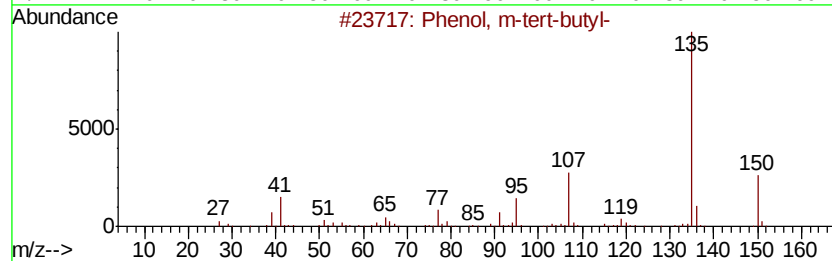
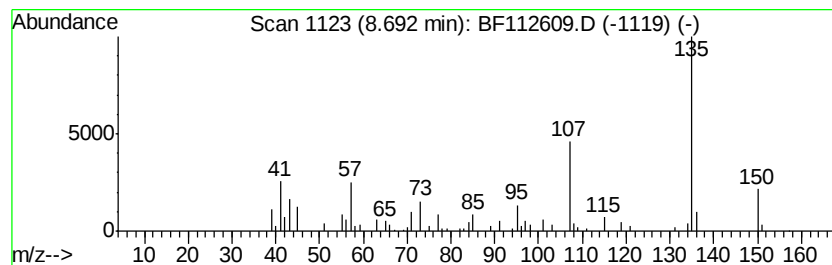
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, m-tert-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	3.46 ng	76956	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
2		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
3		Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	80
4		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
5		Hexestrol	270	C18H22O2	000084-16-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
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Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

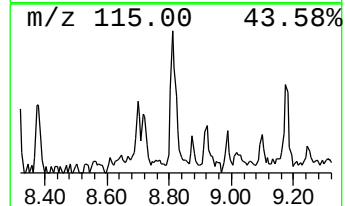
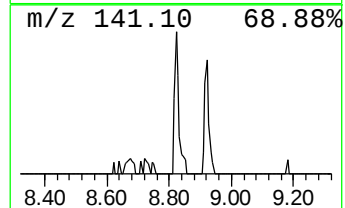
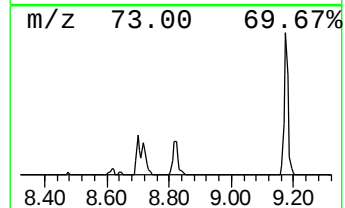
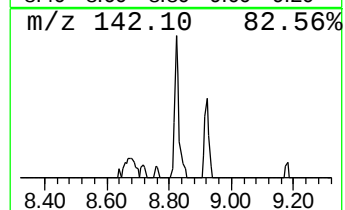
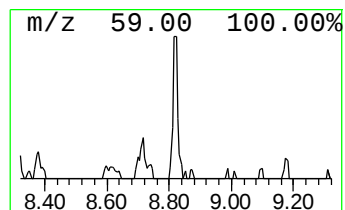
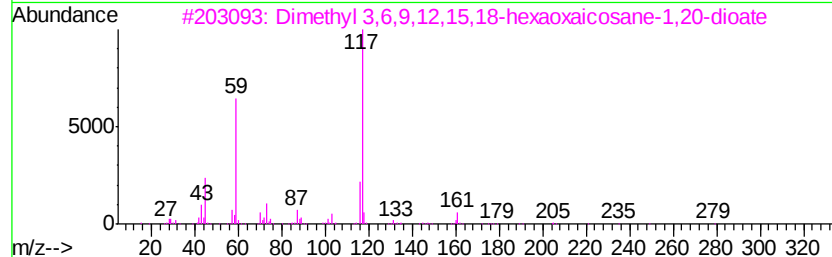
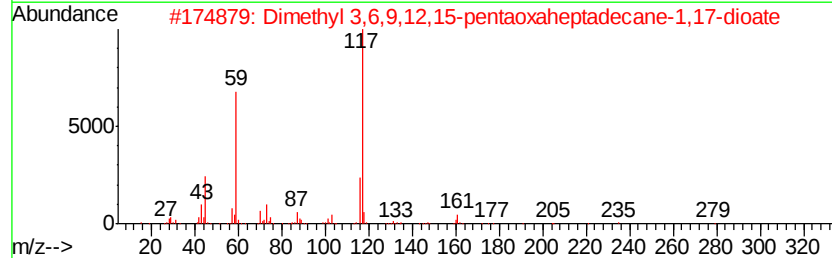
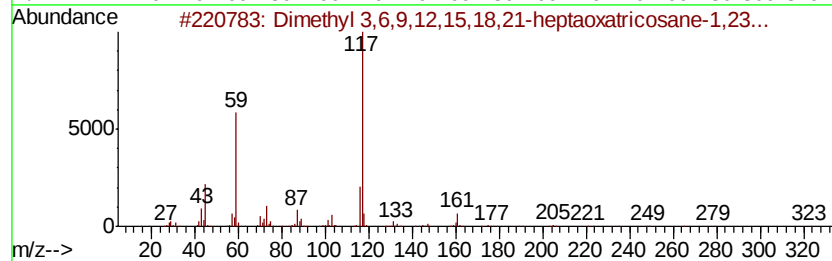
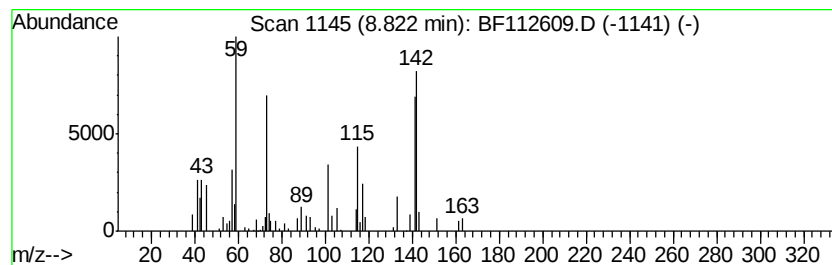
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dimethyl 3,6,9,12,15,18,21-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	2.95 ng	65629	Naphthalene-d8	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl	3,6,9,12,15,18,21-hepta...	426	C18H34O11	1000366-83-6	32	
2	Dimethyl	3,6,9,12,15-pentaoxahep...	338	C14H26O9	1000366-83-8	32	
3	Dimethyl	3,6,9,12,15,18-hexaoxai...	382	C16H30O10	1000366-83-7	32	
4	Dimethyl	3,6,9,12-tetraoxatetrad...	294	C12H22O8	1000366-84-3	32	
5	3-Bromo-1-phenyl-1-propene		196	C9H9Br	004392-24-9	27	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

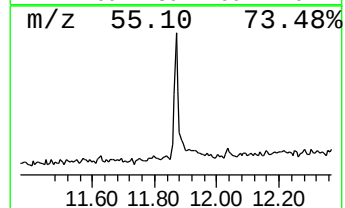
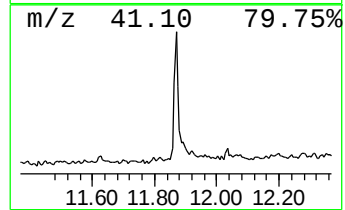
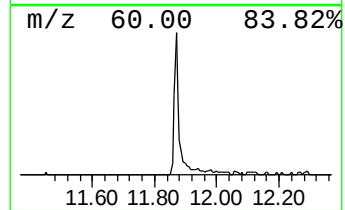
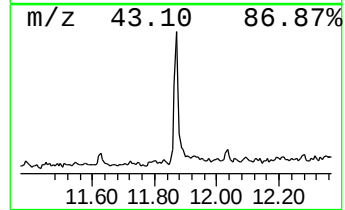
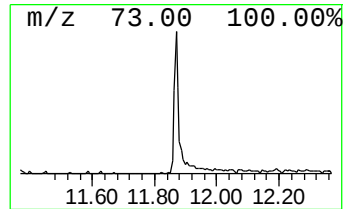
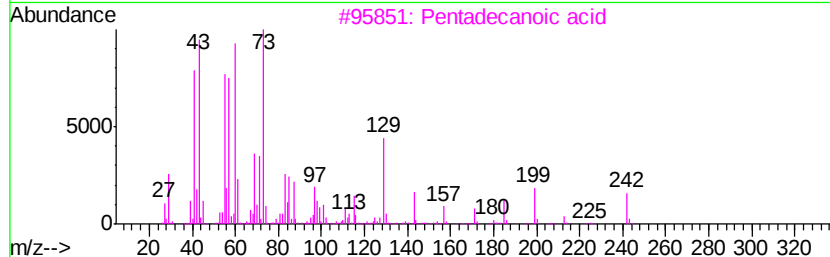
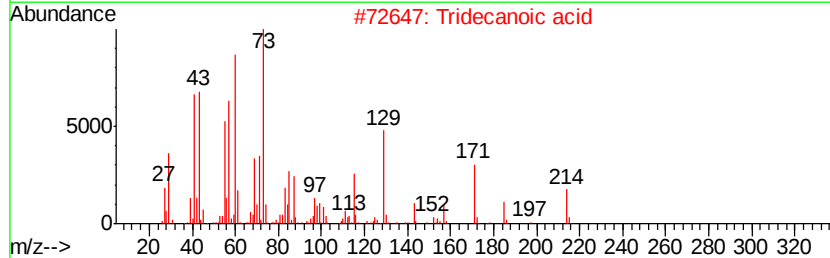
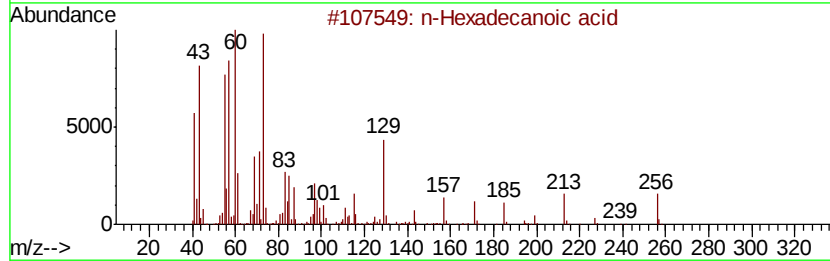
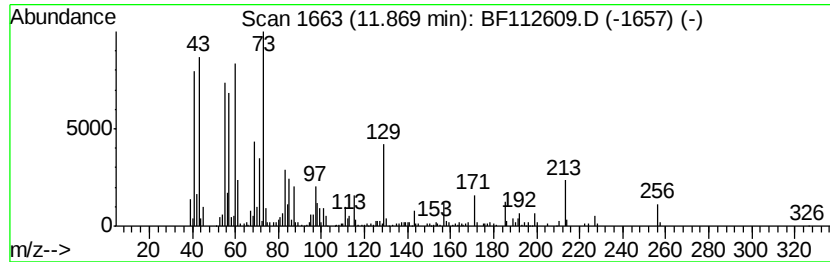
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	13.56 ng	400071	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

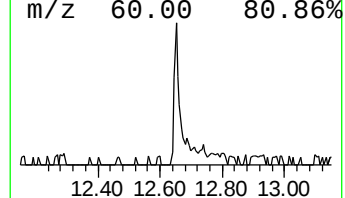
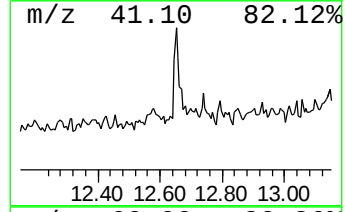
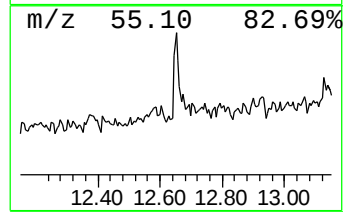
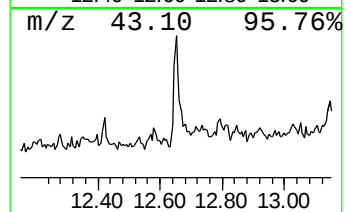
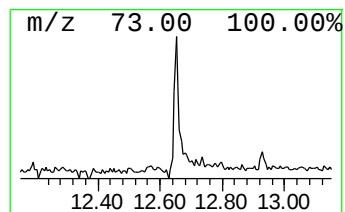
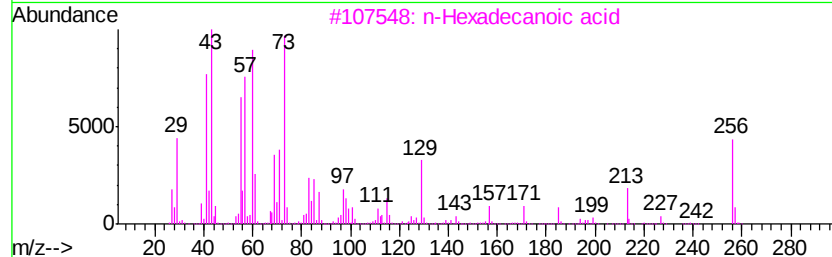
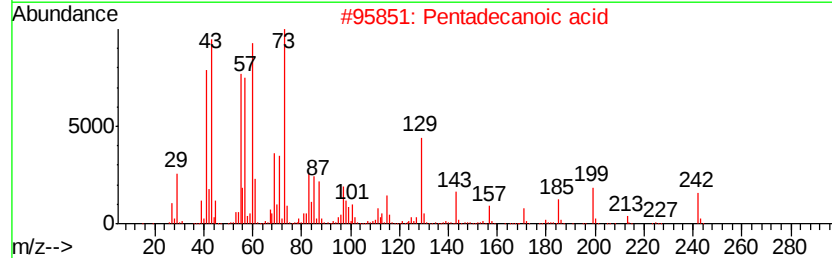
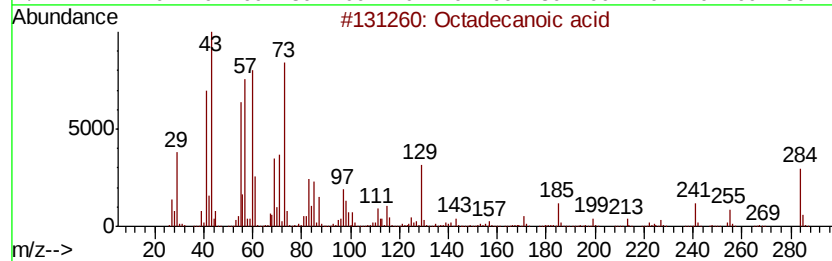
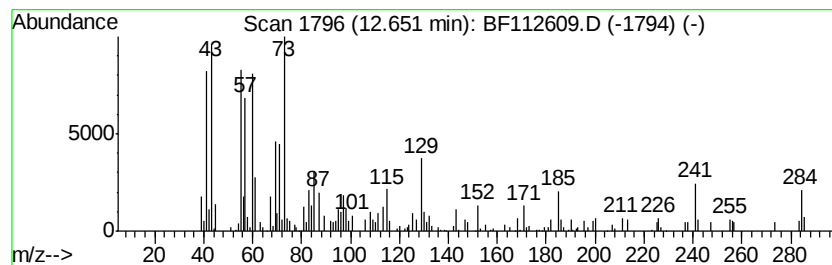
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.65	3.47 ng	102386	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

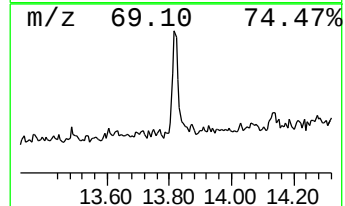
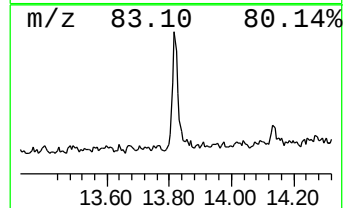
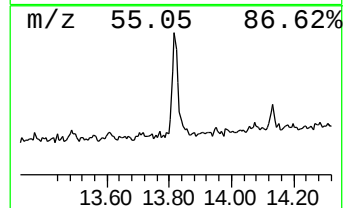
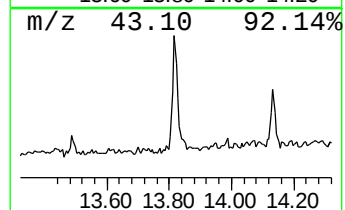
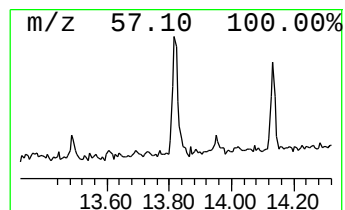
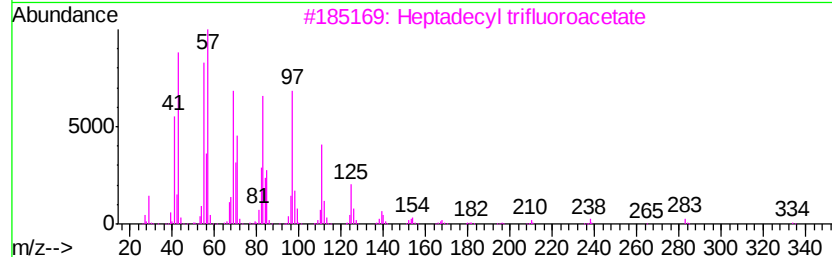
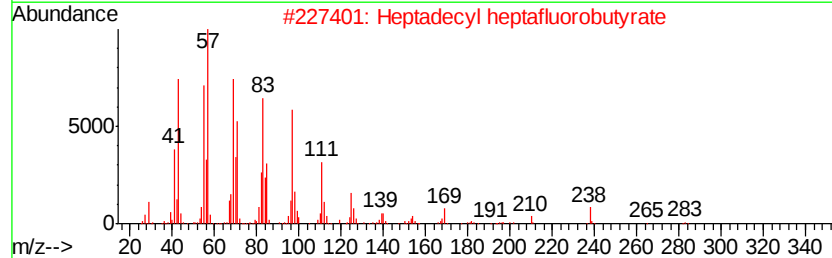
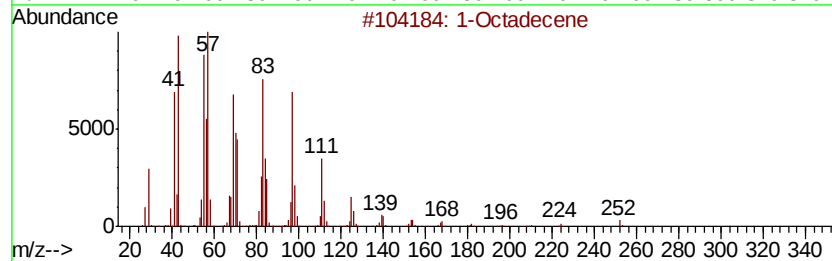
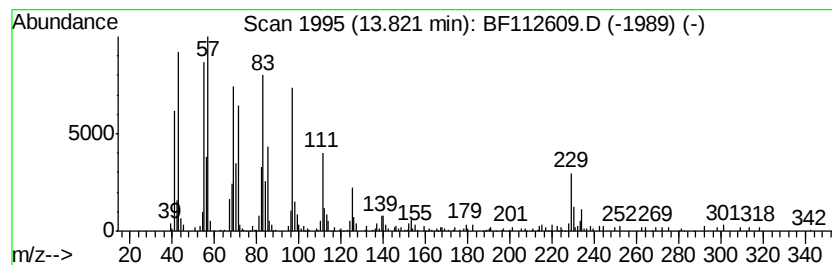
Instrument :
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.82	9.57 ng	334657	Chrysene-d12		14.00		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	98
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
4			Cyclohexadecane	224	C16H32	000295-65-8	89
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112609.D
 Acq On : 18 Feb 2019 19:00
 Operator : JU/SJ
 Sample : K1518-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-7

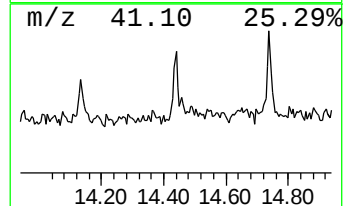
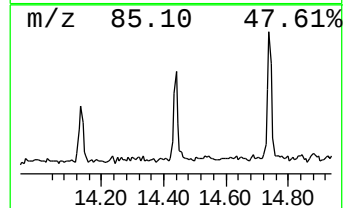
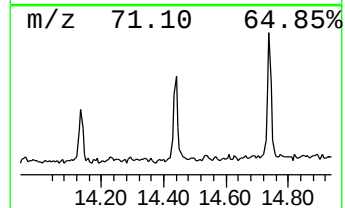
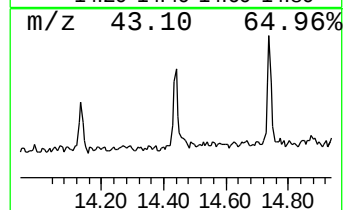
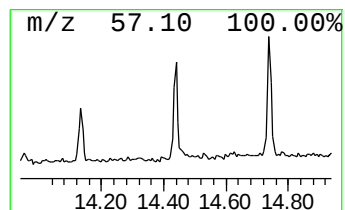
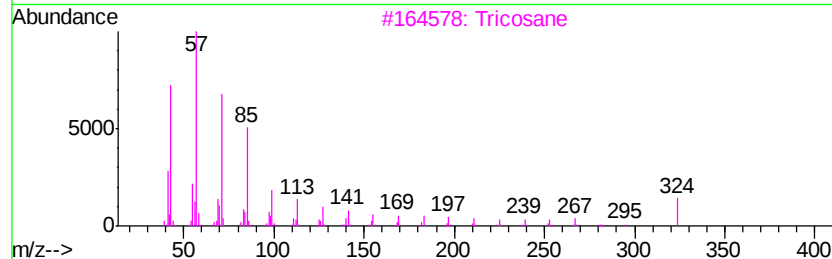
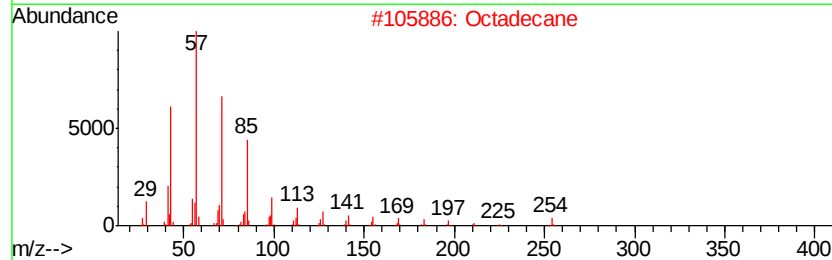
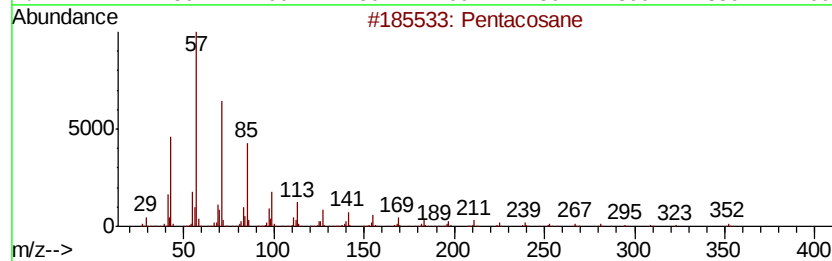
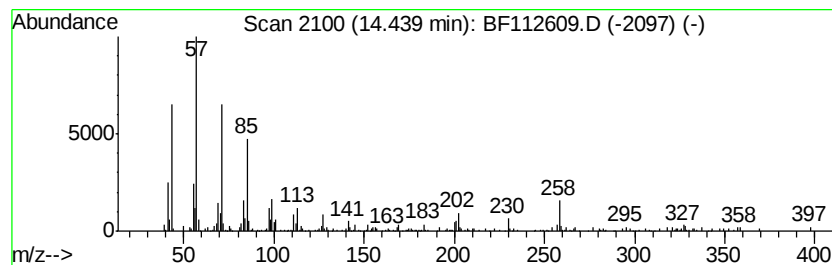
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Pentacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.47 ng	121540	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	90
2		Octadecane	254	C18H38	000593-45-3	90
3		Tricosane	324	C23H48	000638-67-5	89
4		Heptacosane	380	C27H56	000593-49-7	81
5		Tetracosane	338	C24H50	000646-31-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

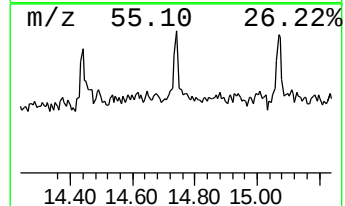
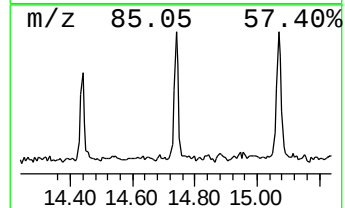
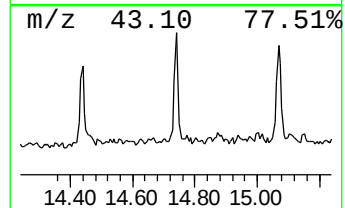
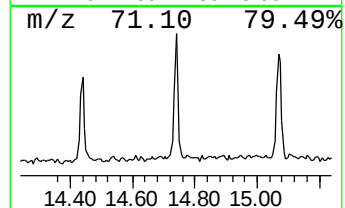
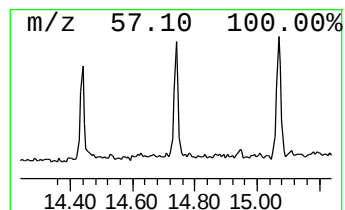
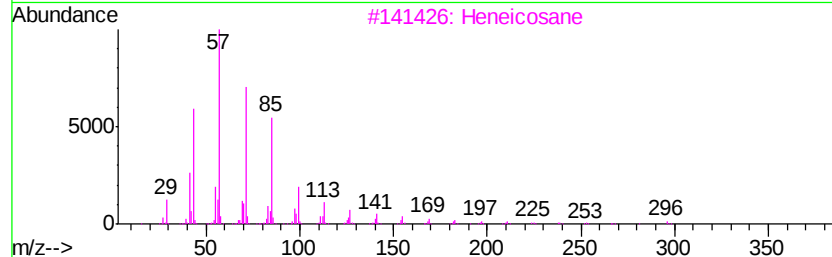
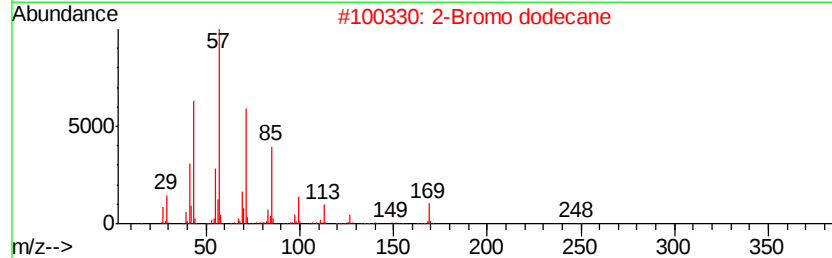
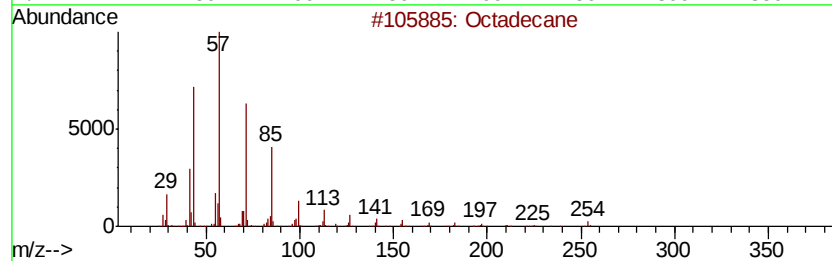
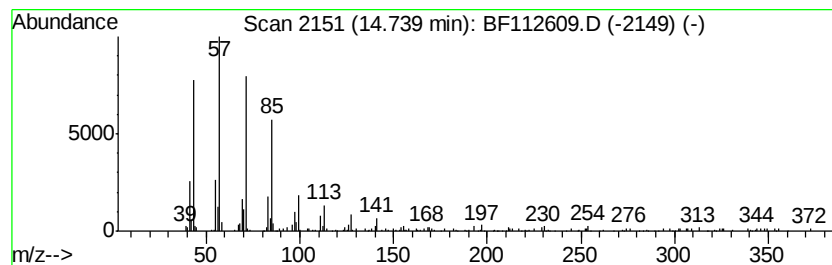
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	8.13 ng	132561	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

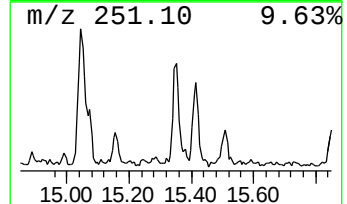
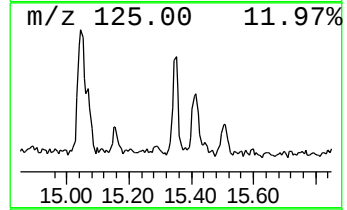
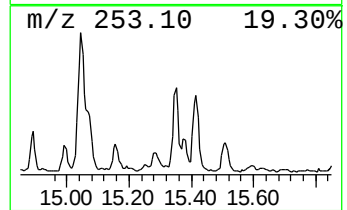
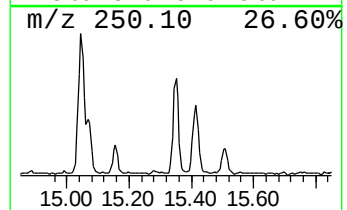
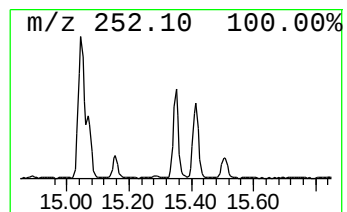
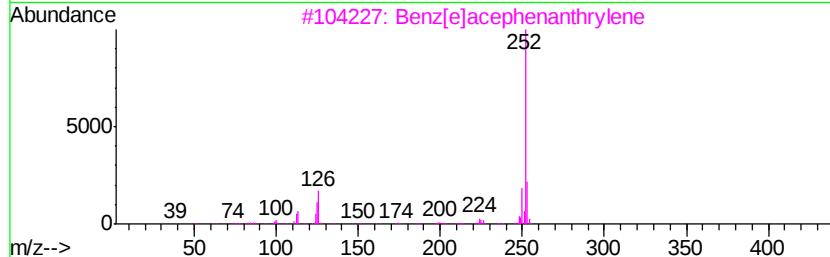
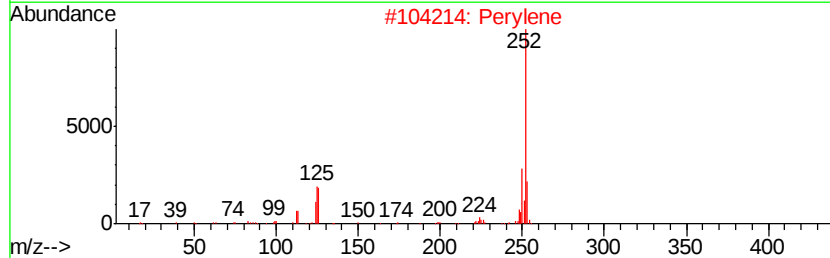
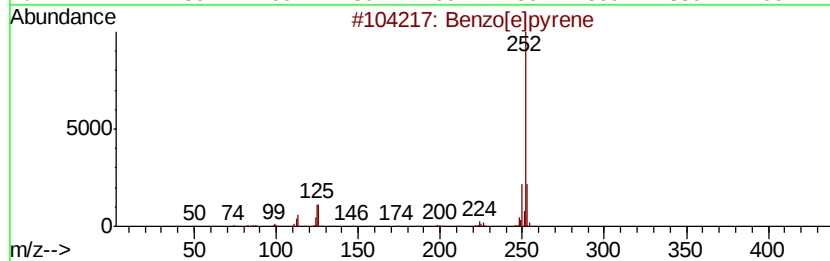
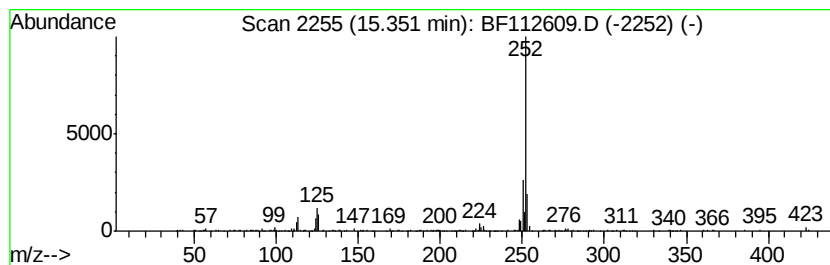
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	15.20 ng	247947	Perylene-d12	15.47

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	94
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
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Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

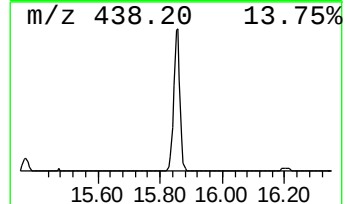
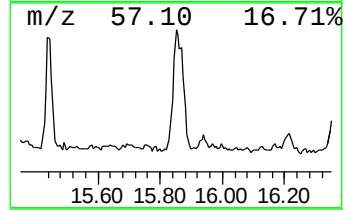
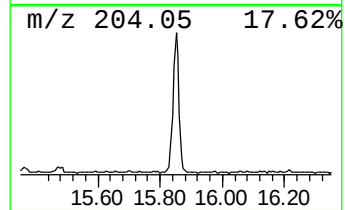
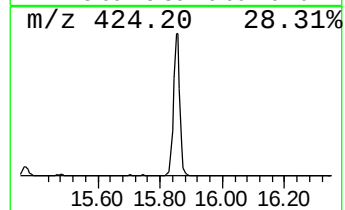
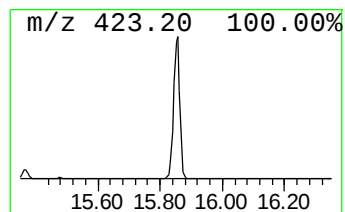
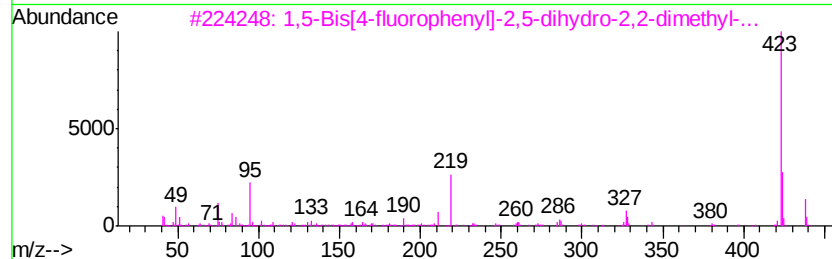
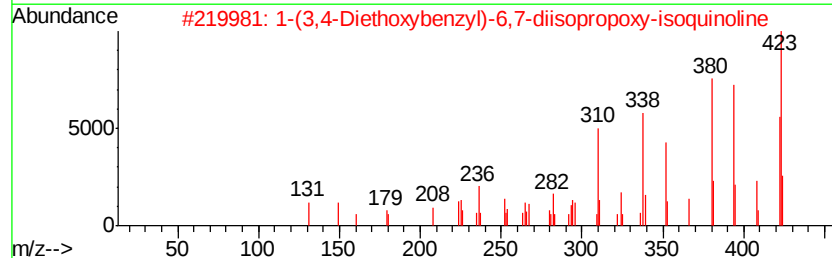
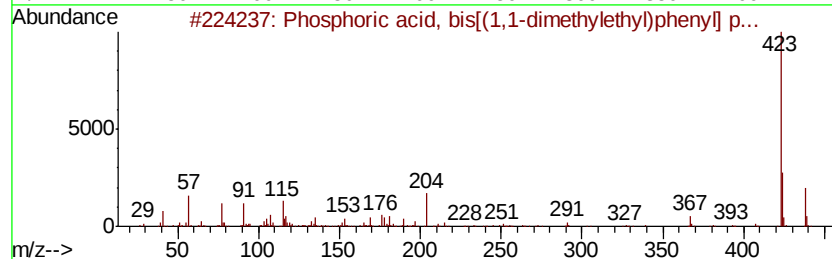
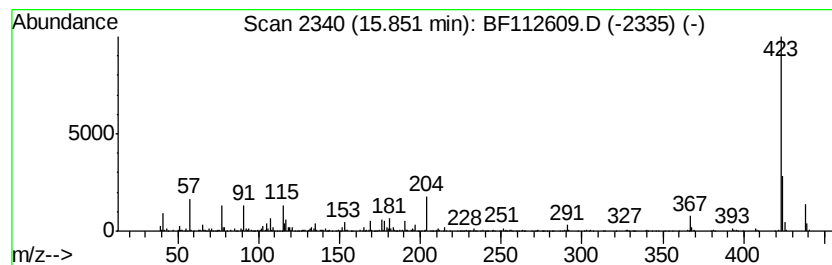
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phosphoric acid, bis[(1,1-d... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	63.88 ng	1041740	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, bis[(1,1-dimeth...	438	C26H3104P	065652-41-7	99
2		1-(3,4-Diethoxybenzyl)-6,7-diiso...	423	C26H33N04	068490-00-6	53
3		1,5-Bis[4-fluorophenyl]-2,5-dihv...	438	C27H20F2N4	004447-85-2	50
4		cis-15-Tetracosenoic acid, tert-...	480	C30H60O2Si	1000333-24-5	42
5		4,14-Dimethyl-2,3-secocholesta-3...	423	C30H49N	028370-79-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

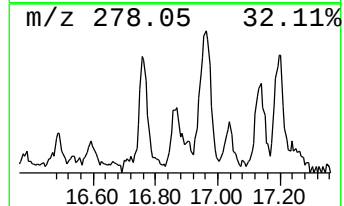
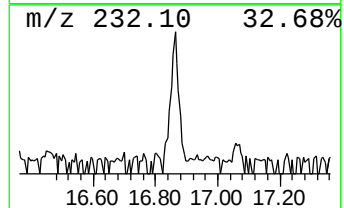
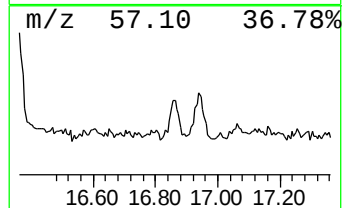
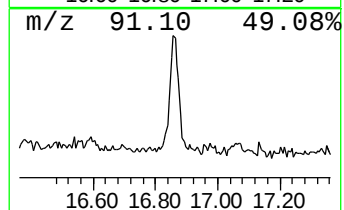
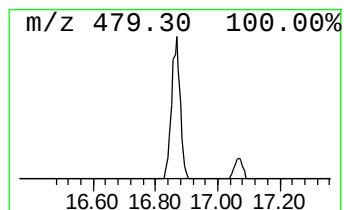
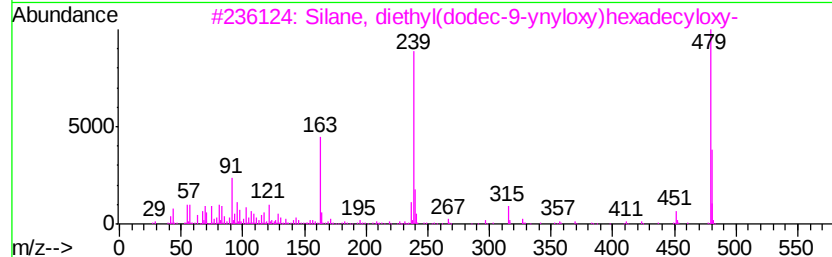
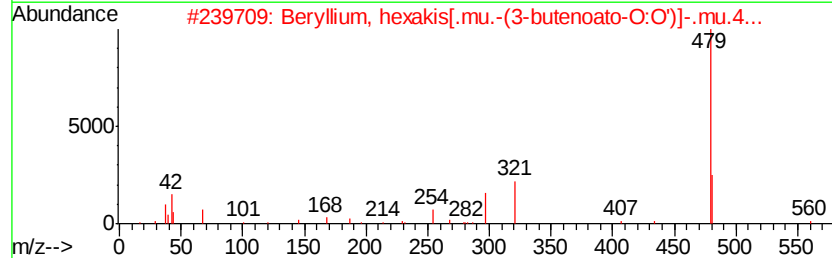
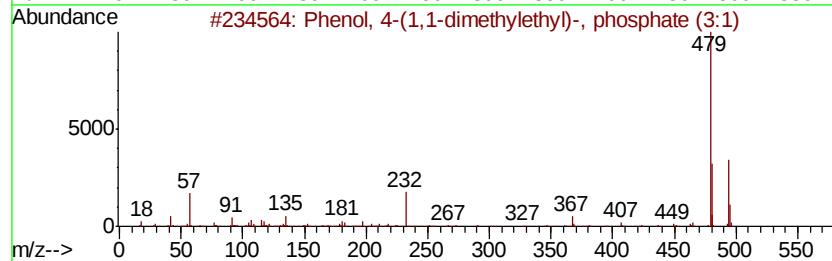
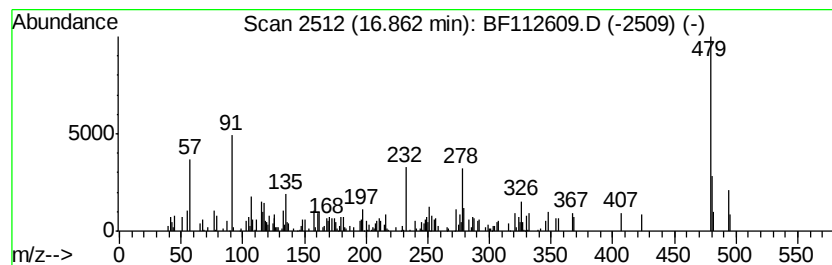
Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.86 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.86	8.27 ng	134838	Perylene-d12	15.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylethyl)-, ...	494	C30H39O4P	000078-33-1	35	
2	Beryllium, hexakis[.mu.-(3-buten...	562	C24H30Be4O13	056377-88-9	4	
3	Silane, diethyl(dodec-9-vynloxy)...	508	C32H64O2Si	1000363-58-8	2	
4	Zevlasteral	494	C30H38O6	087064-16-2	1	
5	7-Chloro-3,4-dihydro-10-[phenylm...	481	C27H19ClF3N02	144129-01-1	1	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112609.D
Acq On : 18 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

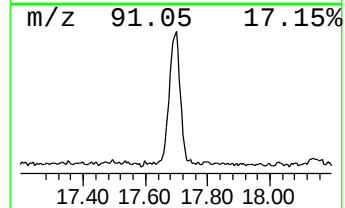
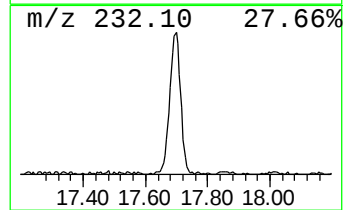
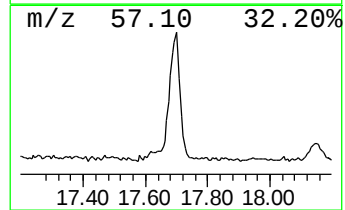
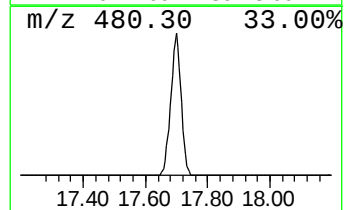
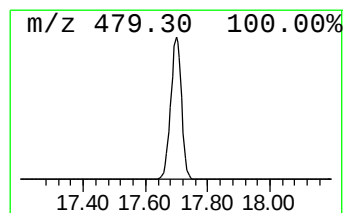
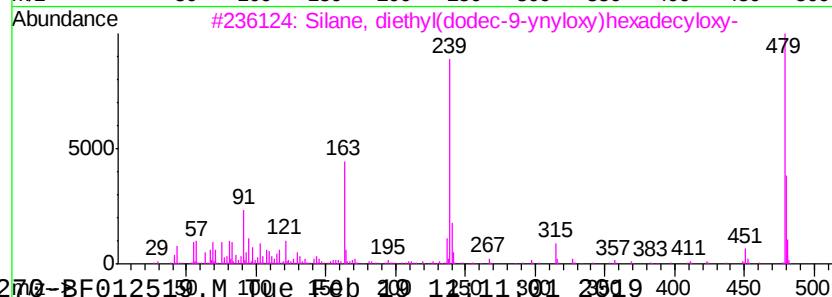
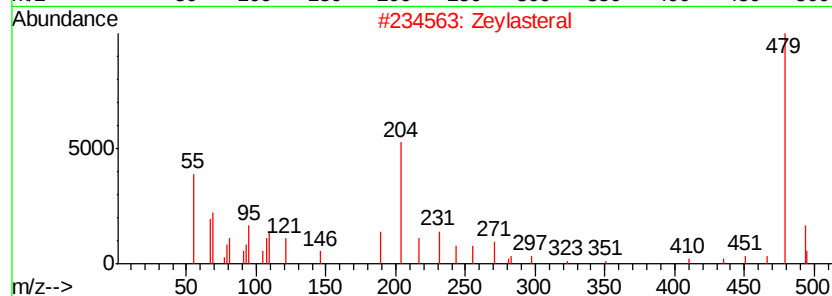
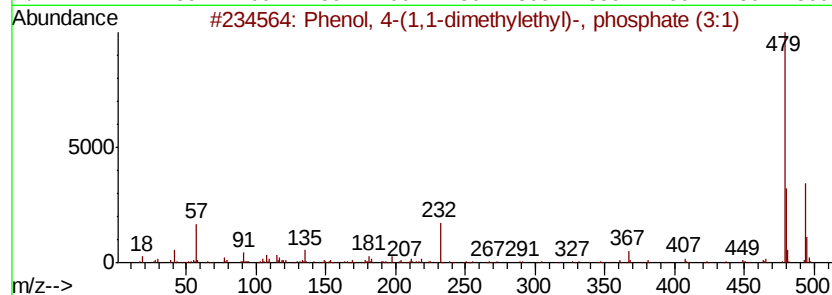
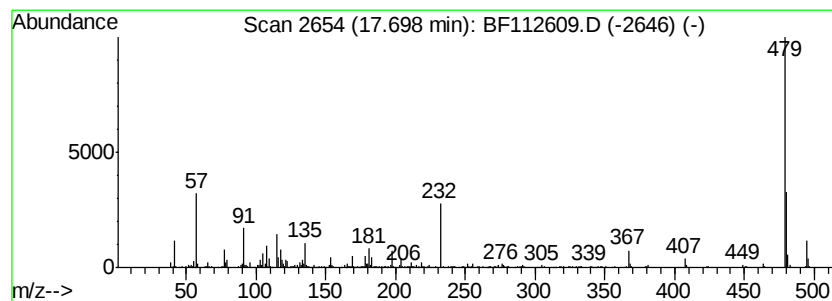
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenol, 4-(1,1-dimethylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	71.11 ng	1159680	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	4	Phenol, 4-(1,1-dimethylethyl)-, ...	494	C30H39O4P	000078-33-1	72
2		Zevlasteral	494	C30H38O6	087064-16-2	12
3		Silane, diethyl(dodec-9-ynyl)oxy...	508	C32H64O2Si	1000363-58-8	4
4		Beryllium, hexakis[.mu.-(3-buten...	562	C24H30Be4O13	056377-88-9	4



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
 Data File : BF112609.D
 Acq On : 18 Feb 2019 19:00
 Operator : JU/SJ
 Sample : K1518-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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...	5.02	3.6	ng	60969	1	6.82	342055	20.0
Bicyclo[4.2.0]oct...	5.65	3.4	ng	58617	1	6.82	342055	20.0
unknown6.60	6.60	83.8	ng	1433620	1	6.82	342055	20.0
Benzene, 1-etheny...	6.66	6.3	ng	107479	1	6.82	342055	20.0
Indene	7.09	3.0	ng	52198	1	6.82	342055	20.0
Benzene, (1-nitro...	7.67	6.2	ng	137864	2	8.10	444503	20.0
Benzene, 1-methyl...	8.32	4.4	ng	98072	2	8.10	444503	20.0
o-Cymene	8.37	5.4	ng	119836	2	8.10	444503	20.0
Phenol, m-tert-bu...	8.69	3.5	ng	76956	2	8.10	444503	20.0
Dimethyl 3,6,9,12...	8.82	3.0	ng	65629	2	8.10	444503	20.0
n-Hexadecanoic acid	11.87	13.6	ng	400071	4	11.35	590021	20.0
Octadecanoic acid	12.65	3.5	ng	102386	4	11.35	590021	20.0
1-Octadecene	13.82	9.6	ng	334657	5	14.00	699560	20.0
Pentacosane	14.44	3.5	ng	121540	5	14.00	699560	20.0
Octadecane	14.74	8.1	ng	132561	6	15.47	326148	20.0
Benzo[e]pyrene	15.35	15.2	ng	247947	6	15.47	326148	20.0
Phosphoric acid, ...	15.85	63.9	ng	1041740	6	15.47	326148	20.0
unknown16.86	16.86	8.3	ng	134838	6	15.47	326148	20.0
Phenol, 4-(1,1-di...	17.70	71.1	ng	1159680	6	15.47	326148	20.0