

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\
 Data File : BF112422.D
 Acq On : 6 Feb 2019 16:16
 Operator : JU/SJ
 Sample : K1356-03 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-020519-B

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	5.463	571	574	589	rBV	470460	555836	12.85%	1.800%
2	6.481	743	747	762	rBV	473706	621533	14.37%	2.012%
3	6.604	765	768	776	rBV	672048	663875	15.35%	2.149%
4	6.828	803	806	815	rBV	887362	862819	19.95%	2.793%
5	6.987	829	833	840	rBV	596619	520874	12.04%	1.686%
6	7.392	899	902	906	rBV	358636	348430	8.06%	1.128%
7	8.116	1018	1025	1031	rBV	1221041	1213375	28.05%	3.928%
8	8.616	1106	1110	1113	rBV2	69590	62973	1.46%	0.204%
9	8.704	1121	1125	1129	rBV	171752	153867	3.56%	0.498%
10	8.933	1160	1164	1167	rBV3	74786	85616	1.98%	0.277%
11	9.063	1182	1186	1191	rVB2	44254	68756	1.59%	0.223%
12	9.133	1195	1198	1200	rVV2	57578	52897	1.22%	0.171%
13	9.186	1203	1207	1212	rBV	916765	759163	17.55%	2.458%
14	9.269	1217	1221	1224	rBV	241365	233311	5.39%	0.755%
15	9.339	1230	1233	1236	rVB2	55734	51282	1.19%	0.166%
16	9.457	1249	1253	1258	rVB6	38515	52099	1.20%	0.169%
17	9.586	1271	1275	1277	rBV4	112603	134783	3.12%	0.436%
18	9.645	1282	1285	1289	rVB2	74429	59877	1.38%	0.194%
19	9.798	1307	1311	1315	rVB	261809	232154	5.37%	0.752%
20	9.869	1315	1323	1326	rBV	1497041	1333224	30.82%	4.316%
21	9.898	1326	1328	1332	rVB	159956	143396	3.32%	0.464%
22	10.028	1346	1350	1353	rBV3	49366	78623	1.82%	0.255%
23	10.075	1356	1358	1362	rVB3	83676	87143	2.01%	0.282%
24	10.116	1362	1365	1369	rBV5	77107	97496	2.25%	0.316%
25	10.186	1374	1377	1380	rBV4	39467	59718	1.38%	0.193%
26	10.292	1389	1395	1398	rBV	293256	298831	6.91%	0.967%
27	10.416	1413	1416	1421	rVB	132108	127844	2.96%	0.414%
28	10.516	1428	1433	1438	rVB	92946	145255	3.36%	0.470%
29	10.663	1455	1458	1464	rBV	407933	432696	10.00%	1.401%
30	10.769	1472	1476	1484	rVB	279354	347149	8.03%	1.124%
31	10.963	1506	1509	1512	rBV4	41919	55621	1.29%	0.180%
32	11.216	1548	1552	1554	rBV	250455	215186	4.97%	0.697%
33	11.245	1554	1557	1563	rVB2	112898	160892	3.72%	0.521%
34	11.357	1572	1576	1578	rBV	1303612	1131965	26.17%	3.665%

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 Integrator: RTE
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 Sampling : 1
 Start Thrs: 0.2
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 Min Area: 3 % of largest Peak
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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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35	11.380	1578	1580	1587	rVV	879988	752150	17.39%	2.435%
36	11.433	1587	1589	1592	rVB	124367	100290	2.32%	0.325%
37	11.592	1613	1616	1621	rBV	65080	79863	1.85%	0.259%
38	11.639	1621	1624	1627	rBV	213559	180930	4.18%	0.586%
39	11.739	1637	1641	1644	rBV	1671583	1353689	31.30%	4.383%
40	11.857	1658	1661	1663	rBV	57020	62978	1.46%	0.204%
41	11.886	1663	1666	1672	rVB3	107644	156733	3.62%	0.507%
42	11.969	1677	1680	1687	rVB	138620	199218	4.61%	0.645%
43	12.045	1690	1693	1699	rVB	177662	167828	3.88%	0.543%
44	12.151	1708	1711	1714	rVB2	58200	57471	1.33%	0.186%
45	12.192	1714	1718	1721	rBV2	50641	61766	1.43%	0.200%
46	12.427	1752	1758	1760	rBV	3734102	3706098	85.68%	11.998%
47	12.451	1760	1762	1768	rVV	5153582	4325572	100.00%	14.004%
48	12.498	1768	1770	1773	rVB2	68617	55952	1.29%	0.181%
49	12.533	1773	1776	1779	rVB	568619	507407	11.73%	1.643%
50	12.574	1779	1783	1787	rBV	997840	969169	22.41%	3.138%
51	12.769	1811	1816	1817	rBV	111409	133606	3.09%	0.433%
52	12.804	1817	1822	1828	rVB	848246	886714	20.50%	2.871%
53	12.933	1839	1844	1848	rBV	657466	607751	14.05%	1.968%
54	13.016	1855	1858	1861	rBV2	46747	74438	1.72%	0.241%
55	13.092	1868	1871	1872	rBV	81936	77623	1.79%	0.251%
56	13.133	1876	1878	1880	rVV	94132	88934	2.06%	0.288%
57	13.163	1880	1883	1884	rVV	116302	103480	2.39%	0.335%
58	13.192	1887	1888	1891	rVB	77148	63495	1.47%	0.206%
59	13.239	1892	1896	1897	rBV2	50711	64782	1.50%	0.210%
60	13.257	1897	1899	1903	rVB	93927	81127	1.88%	0.263%
61	13.504	1938	1941	1943	rBV	81539	69755	1.61%	0.226%
62	13.751	1980	1983	1985	rBV	60772	57124	1.32%	0.185%
63	13.827	1994	1996	1999	rVB2	79371	71397	1.65%	0.231%
64	13.921	2009	2012	2017	rBV	79851	86505	2.00%	0.280%
65	13.998	2020	2025	2028	rVV2	1021613	1253790	28.99%	4.059%
66	14.027	2028	2030	2033	rVB	297171	243994	5.64%	0.790%
67	14.110	2041	2044	2046	rVB	57845	52428	1.21%	0.170%
68	14.145	2047	2050	2054	rBV3	87850	114606	2.65%	0.371%
69	14.757	2151	2154	2157	rVB	85833	76313	1.76%	0.247%
70	14.868	2170	2173	2183	rVB	145919	251778	5.82%	0.815%
71	15.045	2199	2203	2206	rBV2	314837	462629	10.70%	1.498%

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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
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72	15.345	2251	2254	2260	rVB	176610	238783	5.52%	0.773%
73	15.410	2261	2265	2270	rBV	251488	310115	7.17%	1.004%
74	15.468	2270	2275	2279	rBV	695675	998357	23.08%	3.232%
75	16.956	2524	2528	2535	rVB2	116119	232816	5.38%	0.754%

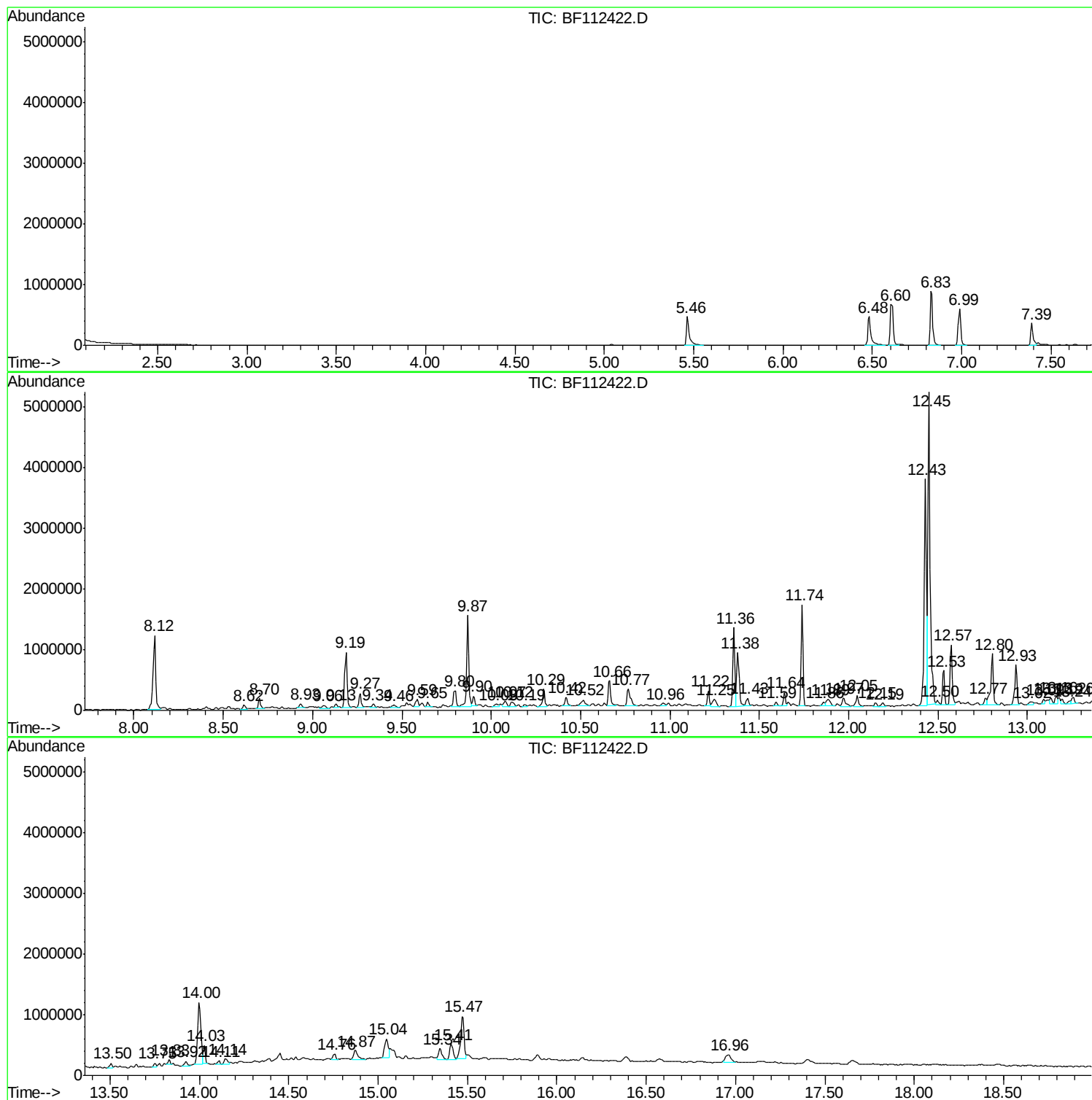
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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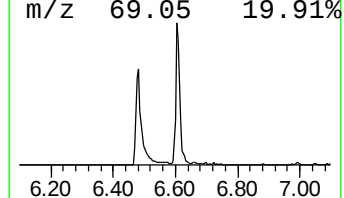
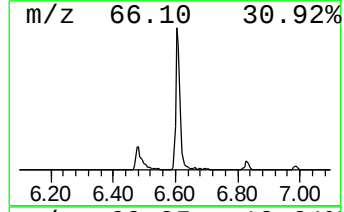
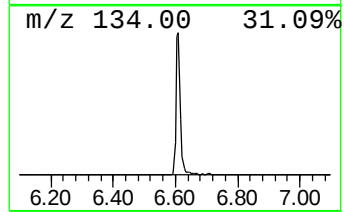
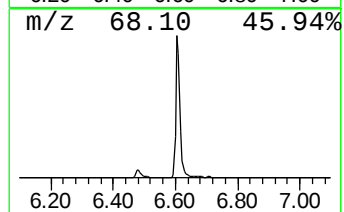
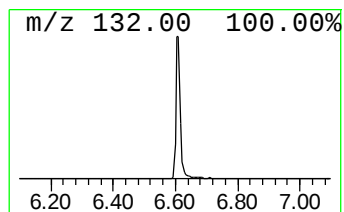
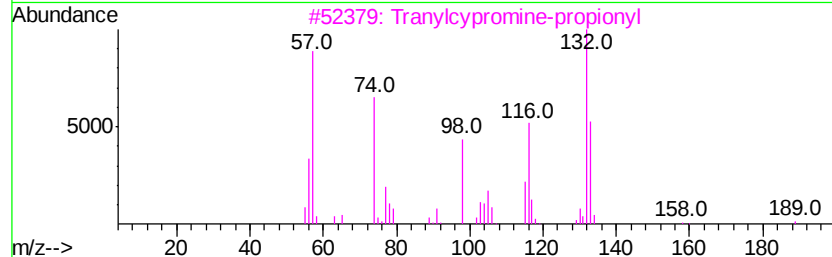
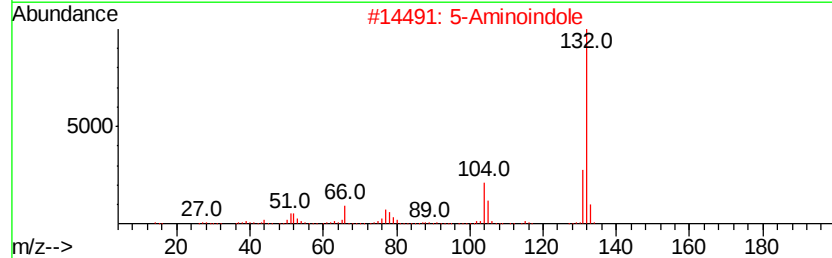
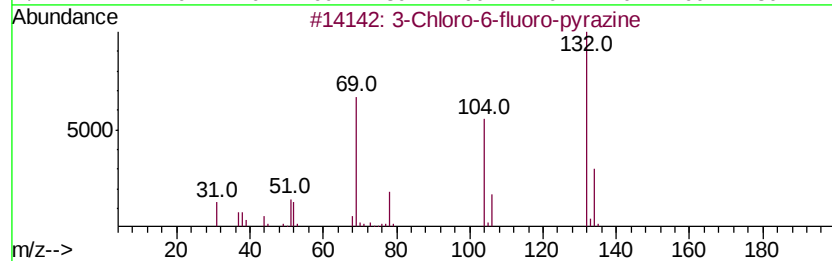
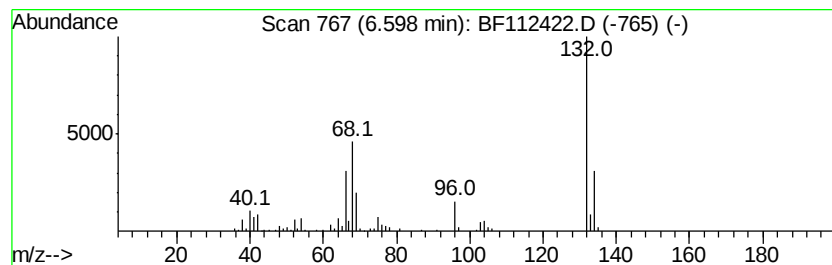
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	15.39 ng	663875	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10	
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



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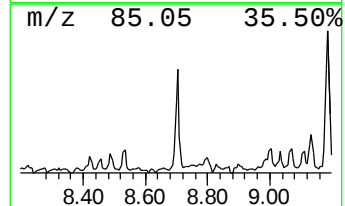
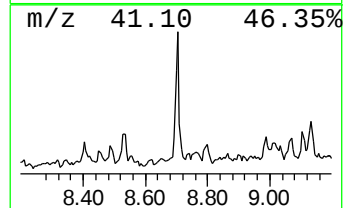
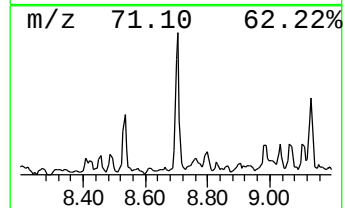
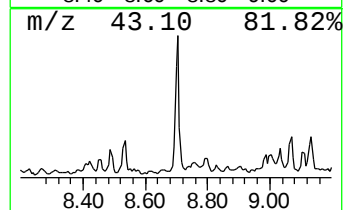
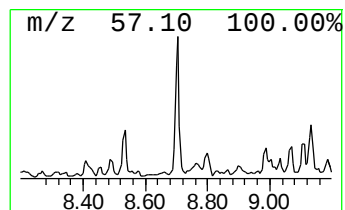
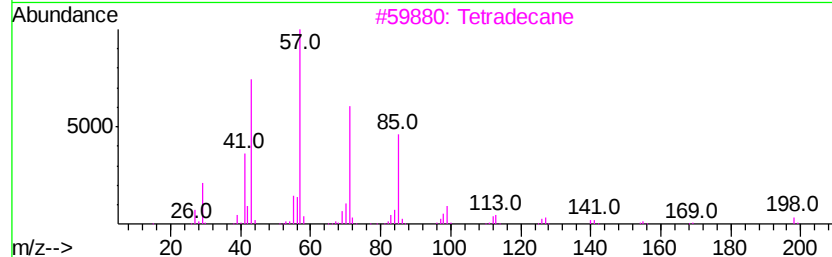
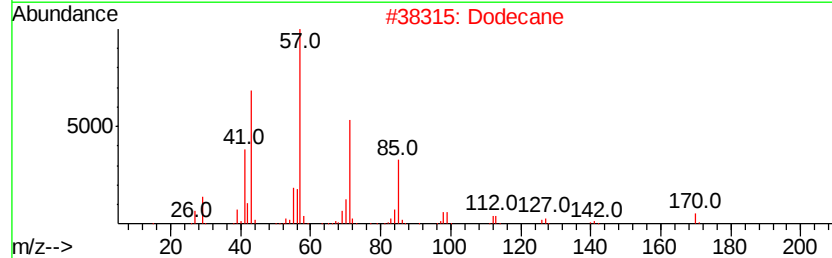
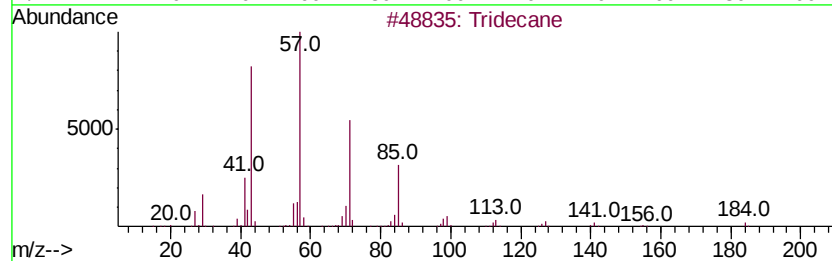
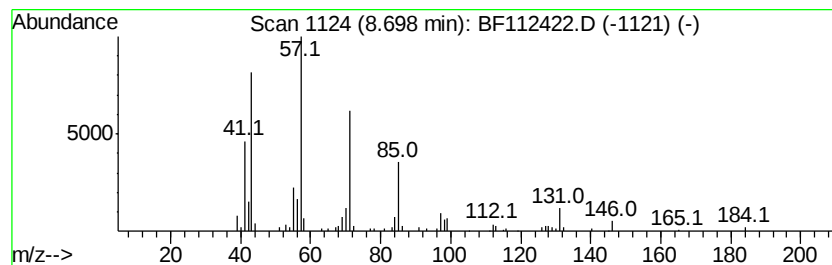
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.54 ng	153867	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Dodecane	170	C12H26	000112-40-3	72
3		Tetradecane	198	C14H30	000629-59-4	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	58



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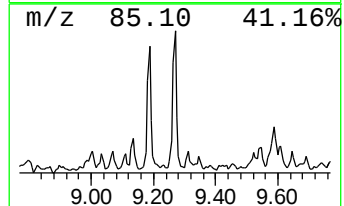
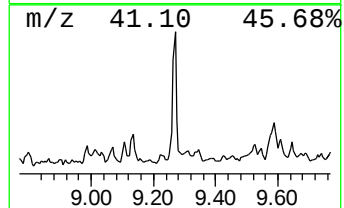
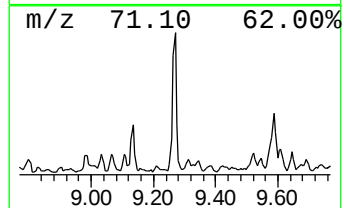
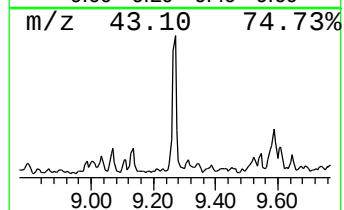
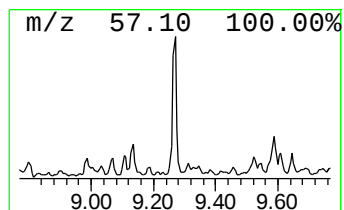
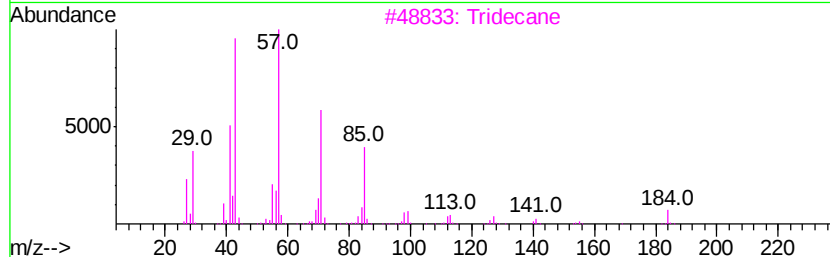
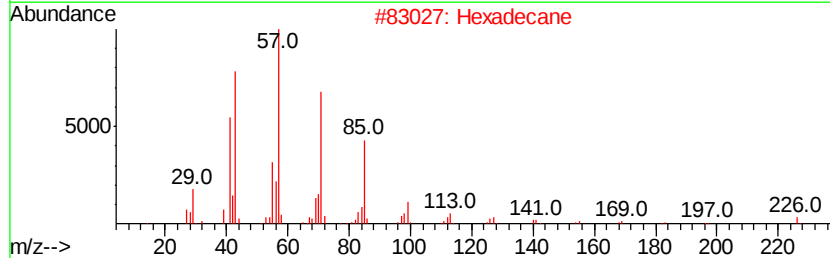
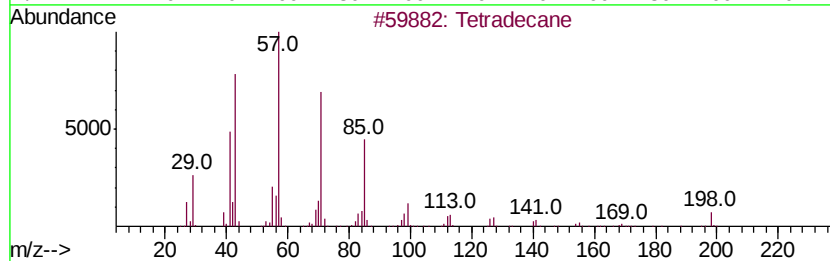
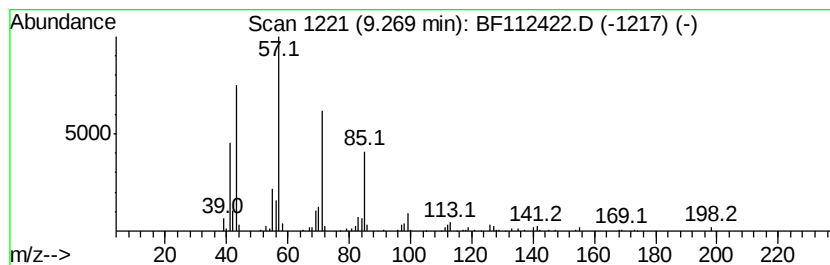
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.50 ng	233311	Acenaphthene-d10	9.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	91
4		Nonadecane	268	C19H40	000629-92-5	80
5		Pentadecane	212	C15H32	000629-62-9	72



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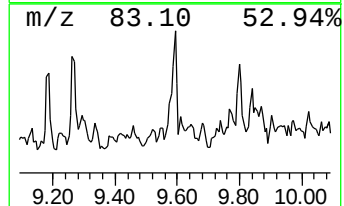
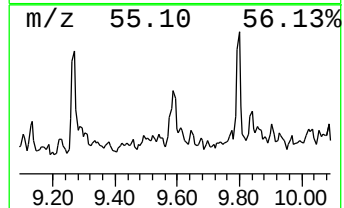
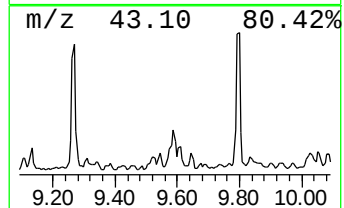
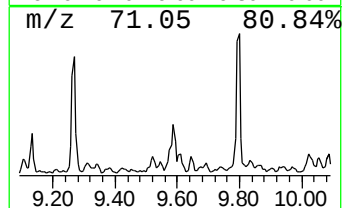
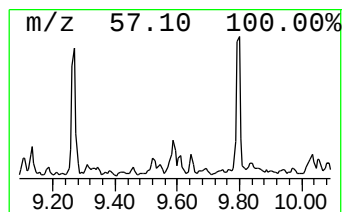
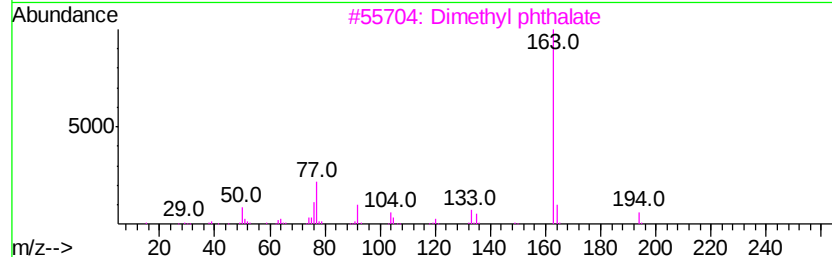
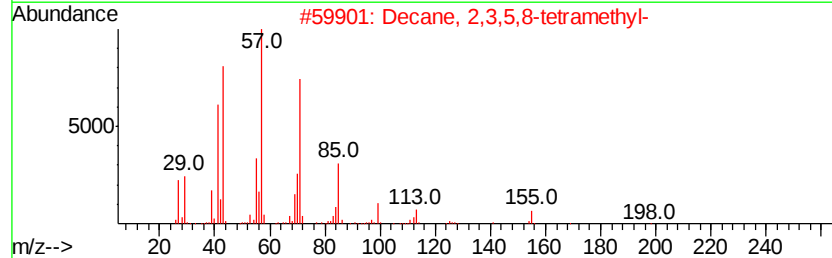
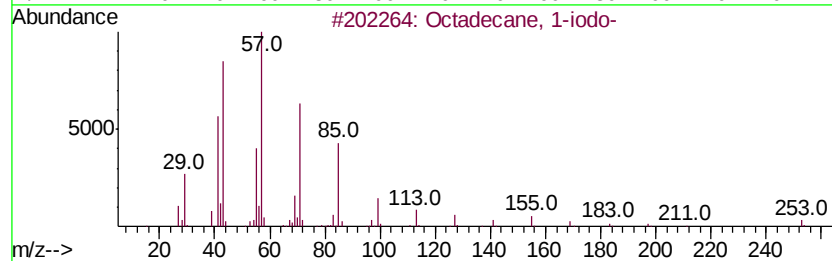
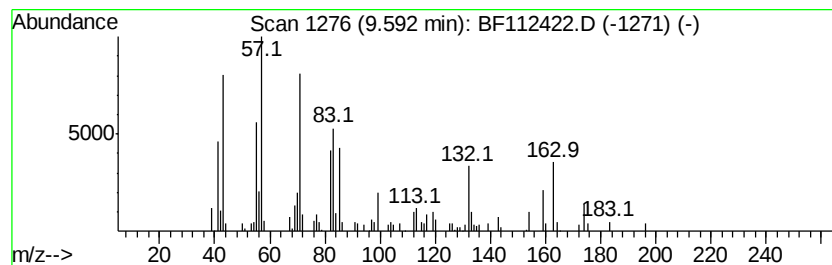
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.59 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	2.02 ng	134783	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	38
2		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	38
3		Dimethyl phthalate	194	C10H10O4	000131-11-3	35
4		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	35
5		Hexadecane	226	C16H34	000544-76-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

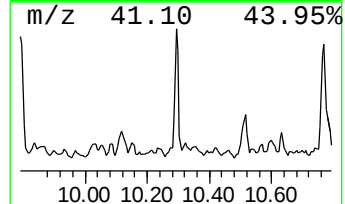
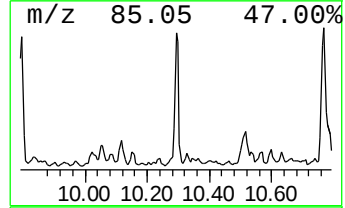
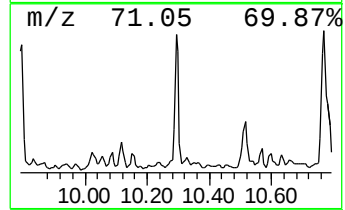
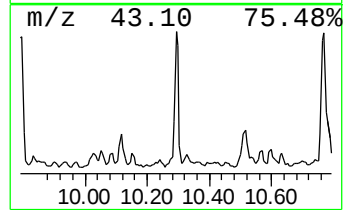
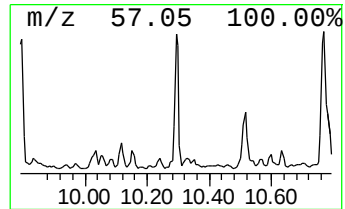
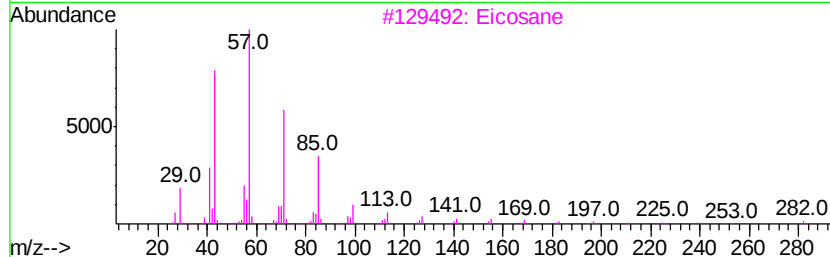
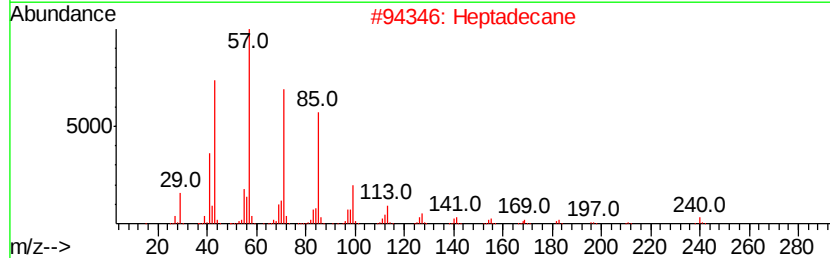
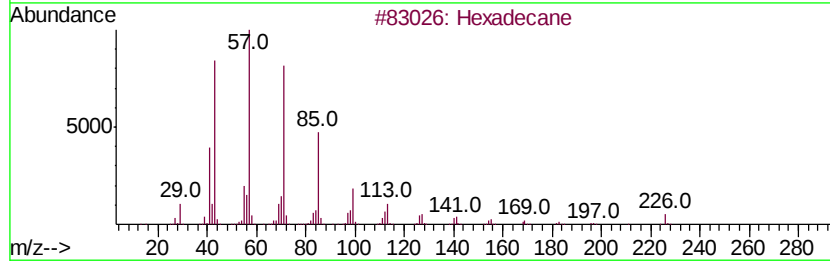
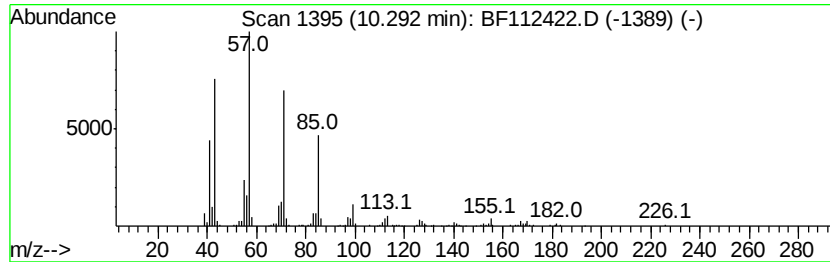
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.29	4.48 ng	298831	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Eicosane	282	C20H42	000112-95-8	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
5	Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
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Operator : JU/SJ
Sample : K1356-03 5X
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ALS Vial : 8 Sample Multiplier: 1

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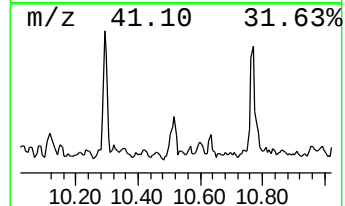
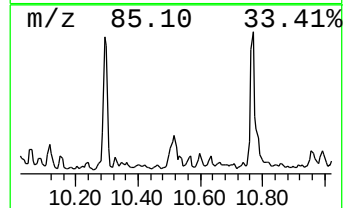
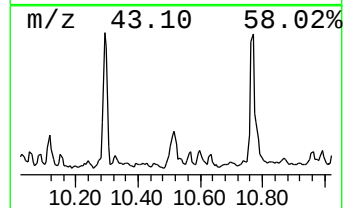
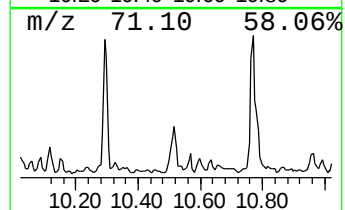
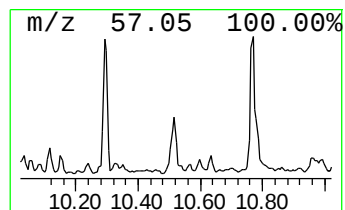
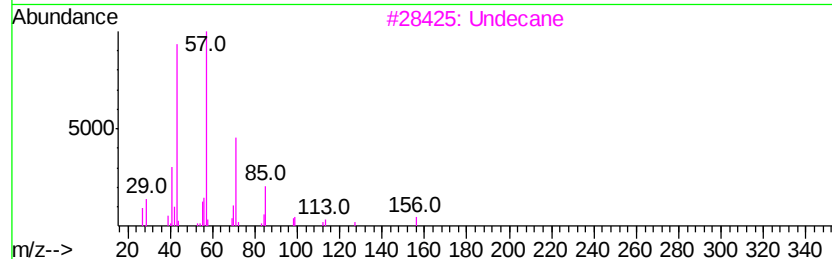
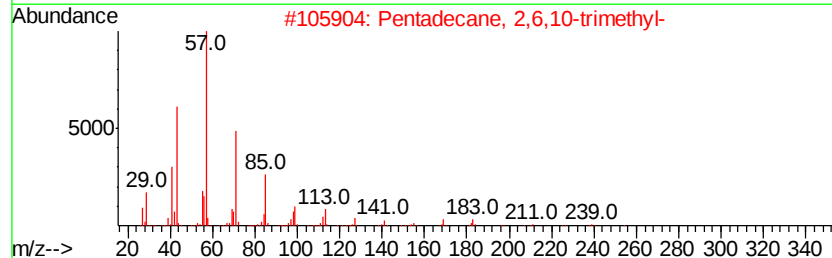
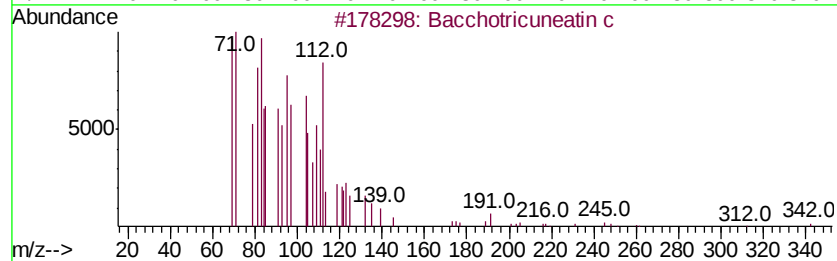
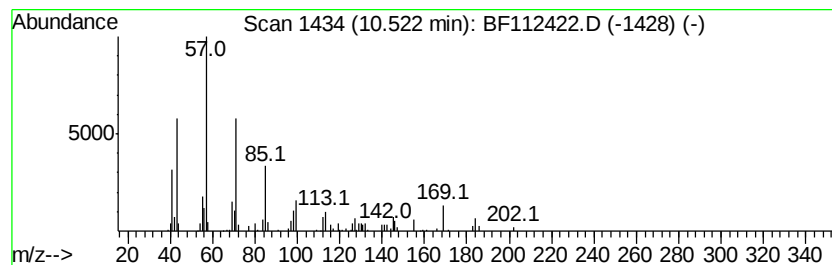
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.18 ng	145255	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
3		Undecane	156	C11H24	001120-21-4	80
4		Decane, 2-methyl-	156	C11H24	006975-98-0	74
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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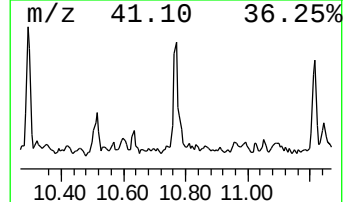
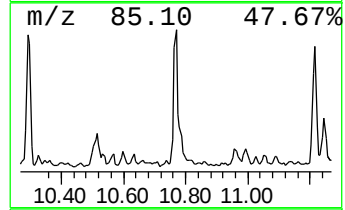
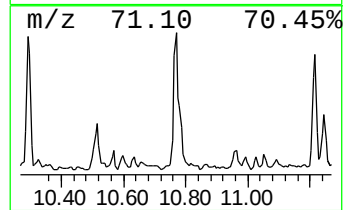
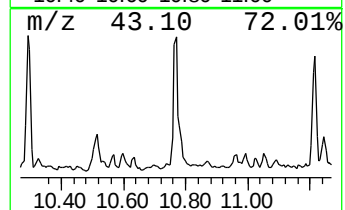
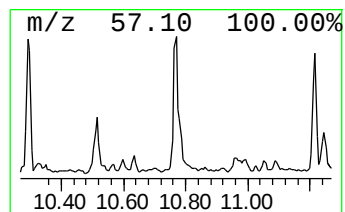
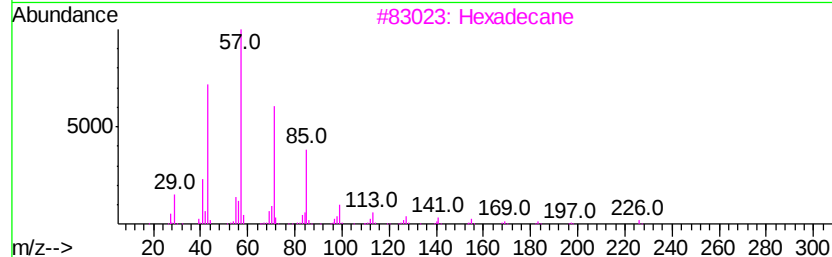
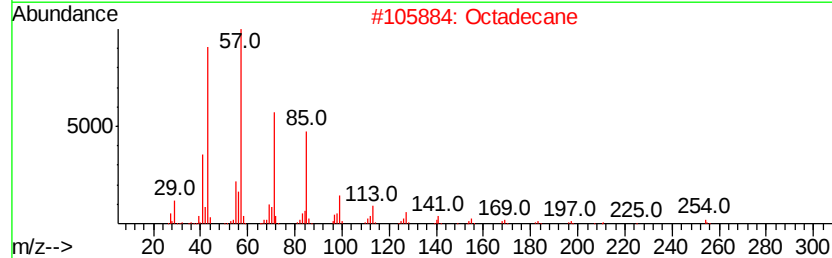
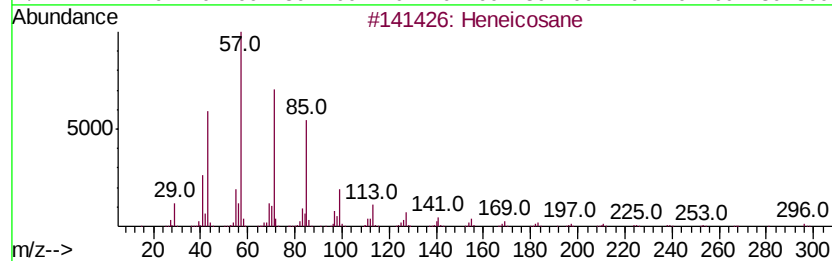
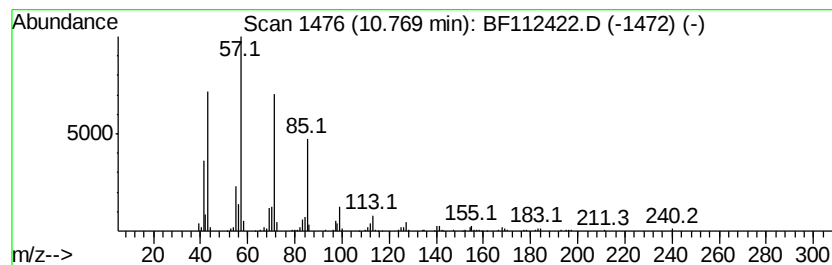
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	6.13 ng	347149	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tridecane	184	C13H28	000629-50-5	90
5		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
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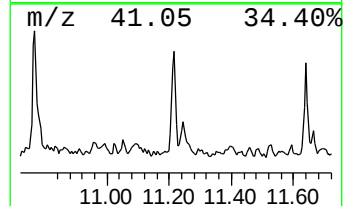
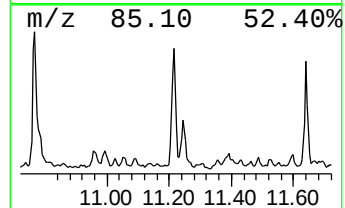
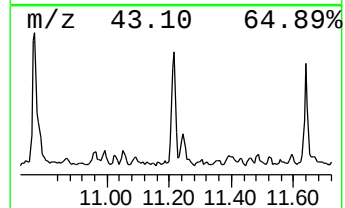
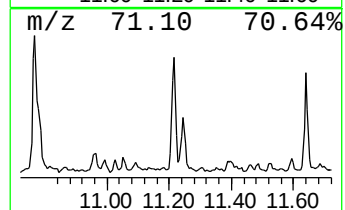
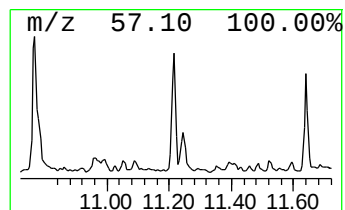
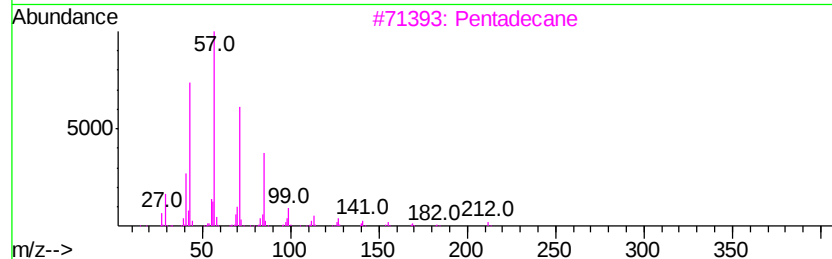
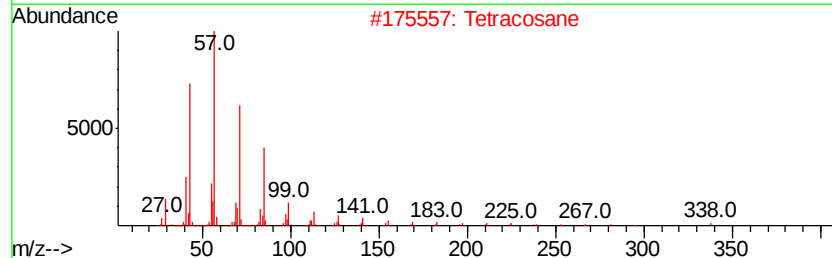
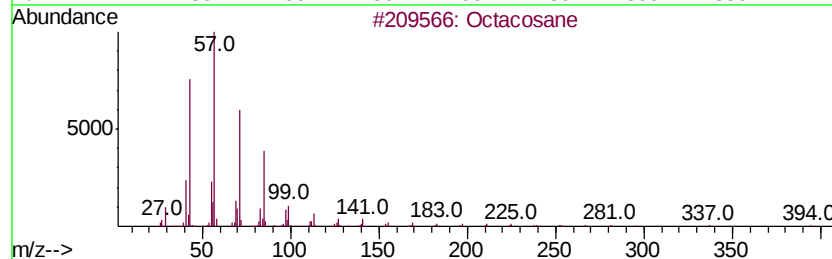
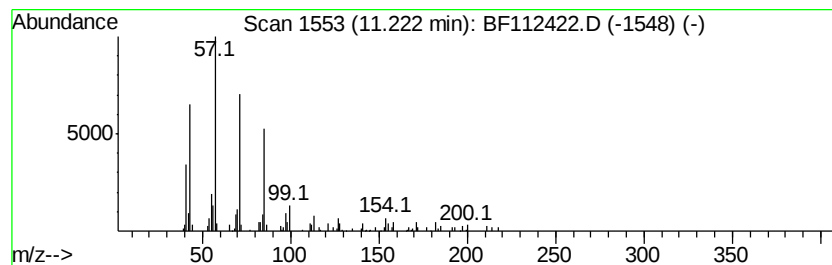
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	3.80 ng	215186	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	83
2			Tetracosane	338	C24H50	000646-31-1	83
3			Pentadecane	212	C15H32	000629-62-9	80
4			Heptadecane	240	C17H36	000629-78-7	80
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
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Sample : K1356-03 5X
Misc :
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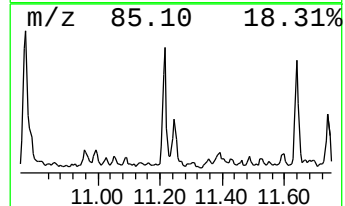
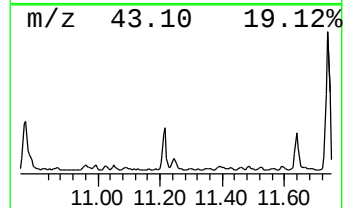
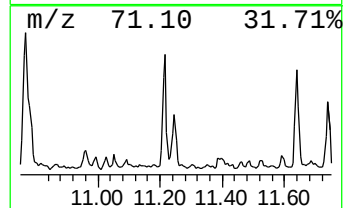
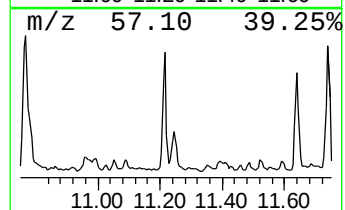
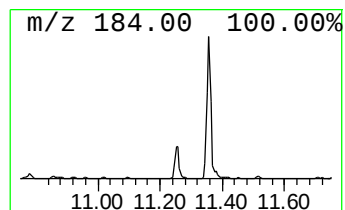
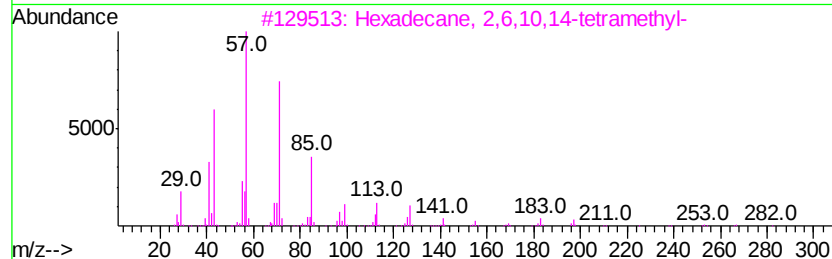
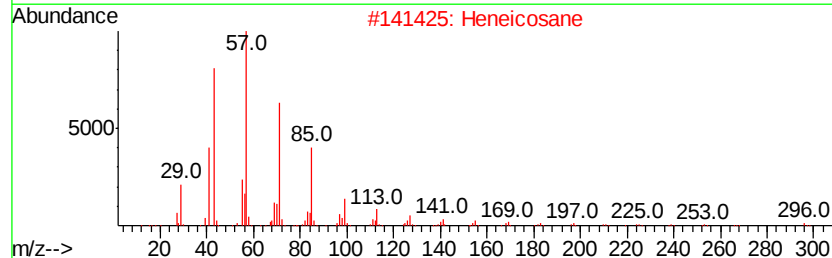
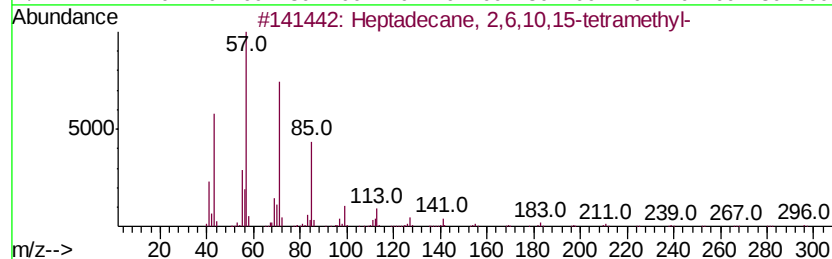
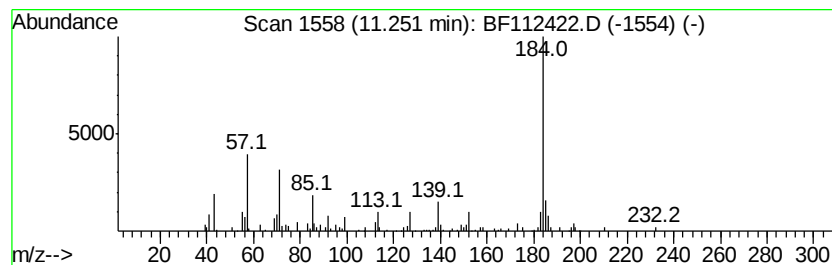
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.25	2.84 ng	160892	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
2	Heneicosane	296	C21H44	000629-94-7	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
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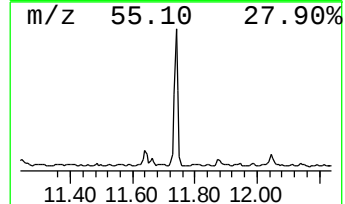
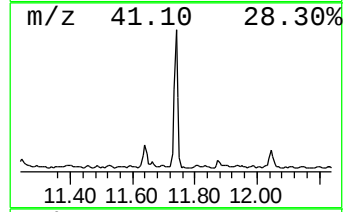
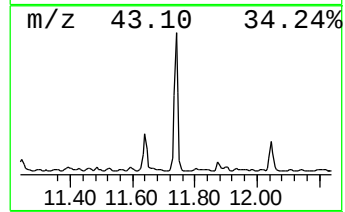
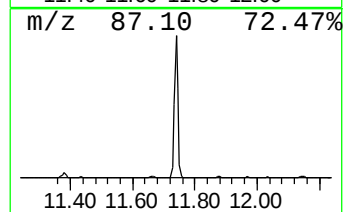
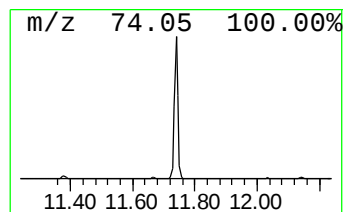
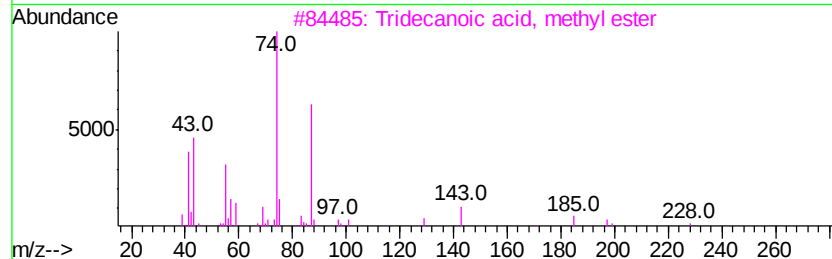
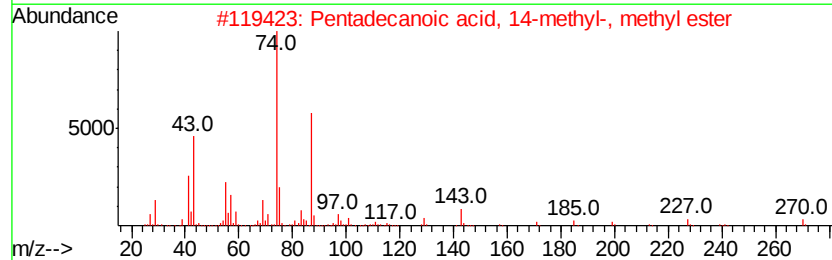
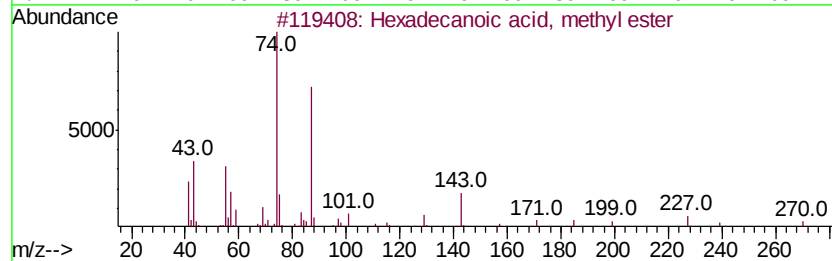
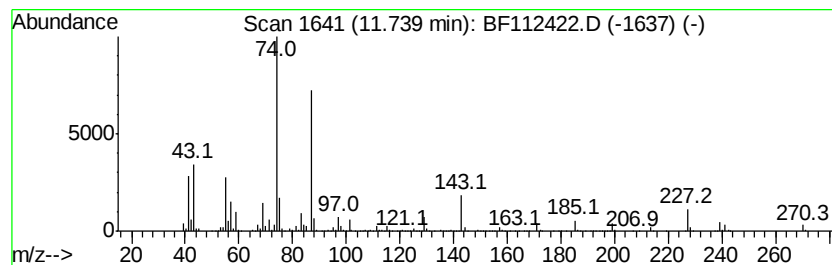
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	23.92 ng	1353690	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-01-020519-B

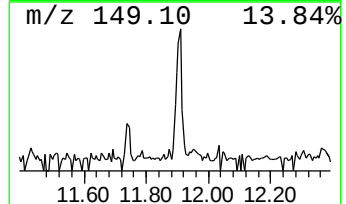
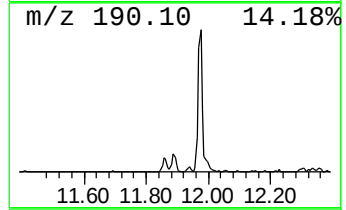
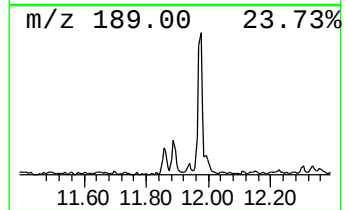
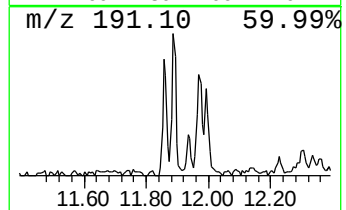
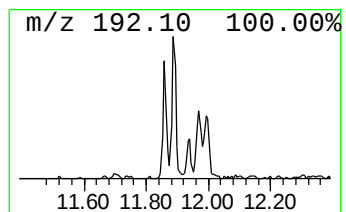
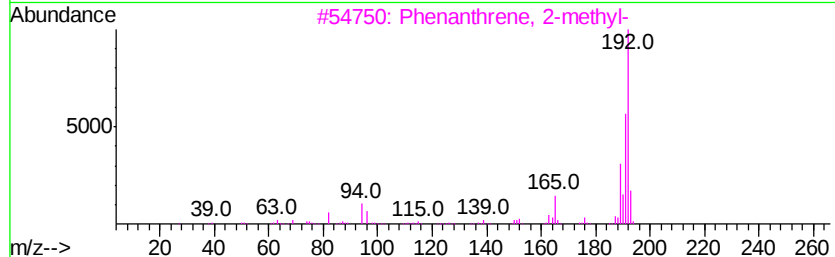
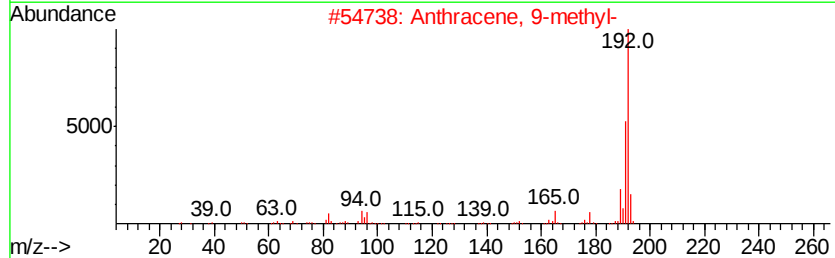
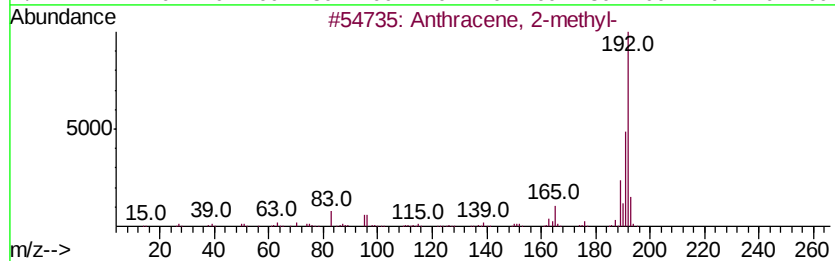
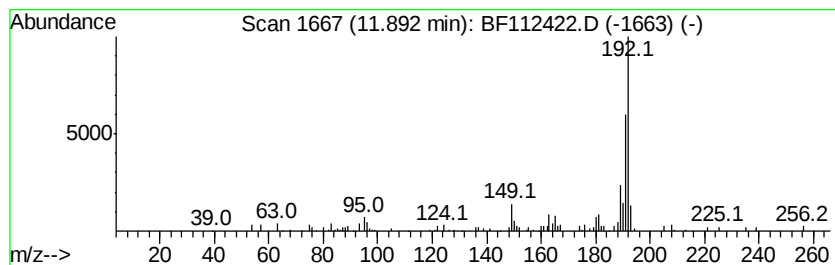
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.77 ng	156733	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

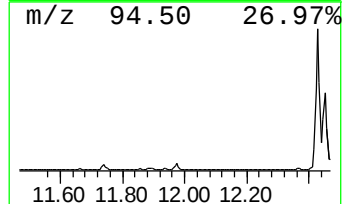
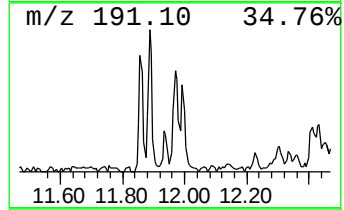
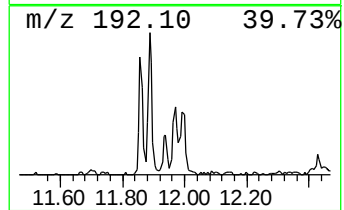
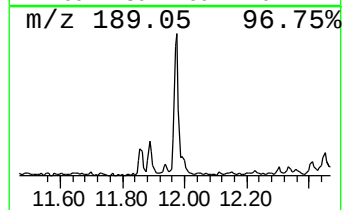
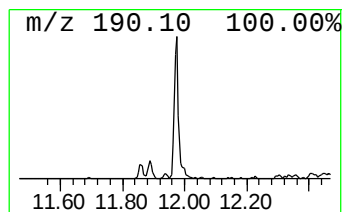
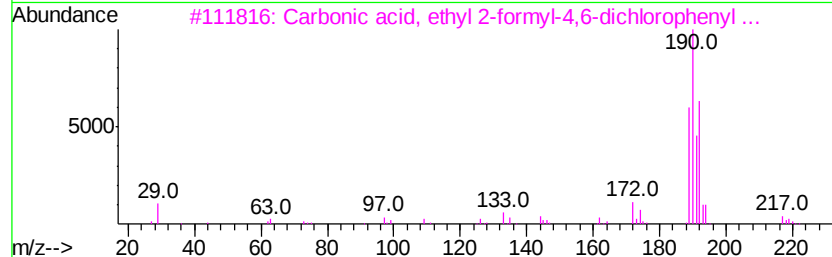
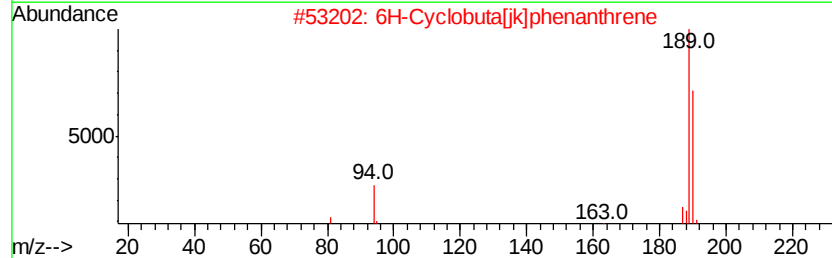
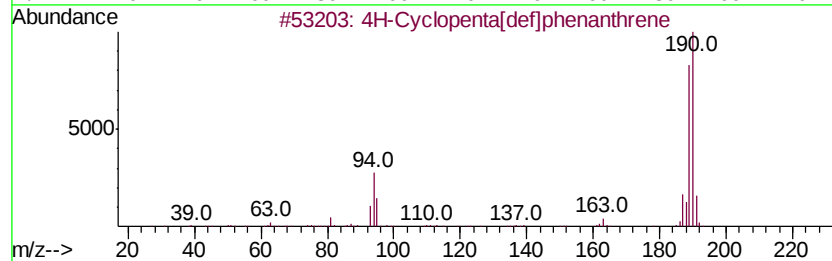
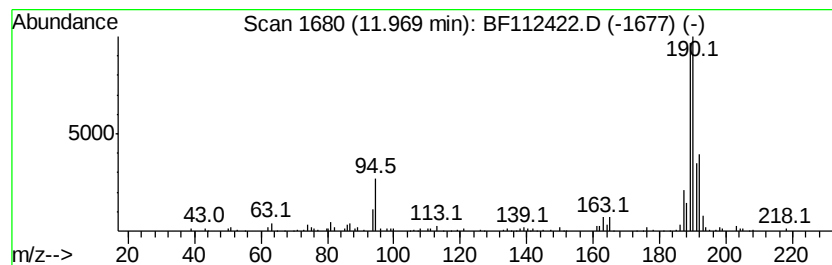
Instrument :
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ClientSampleId :
SU-01-020519-B

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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 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	3.52 ng	199218	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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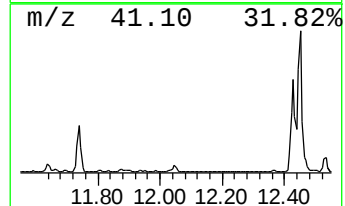
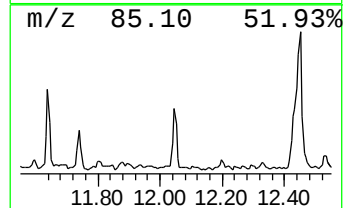
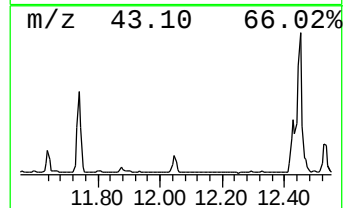
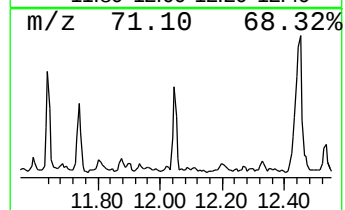
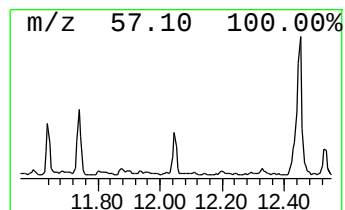
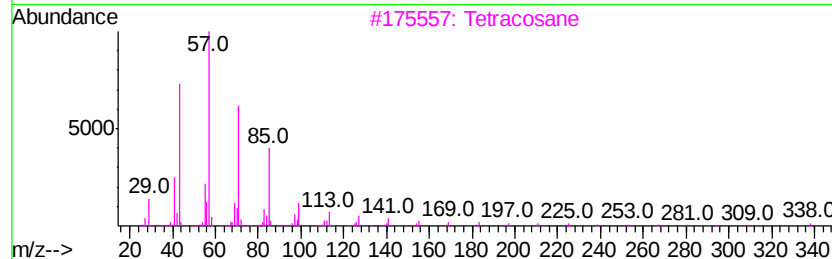
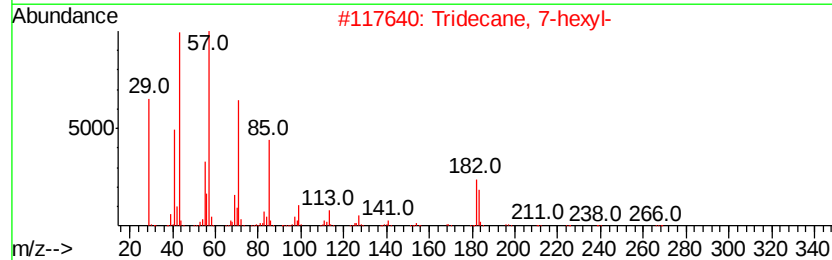
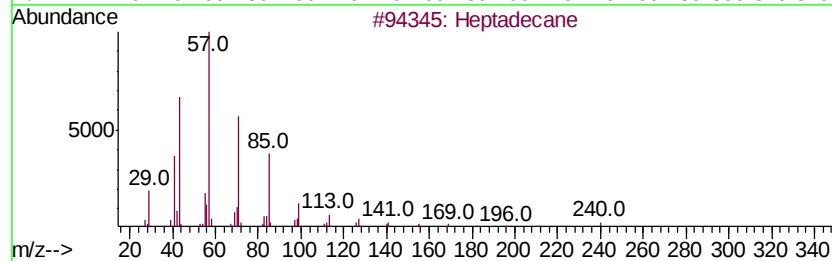
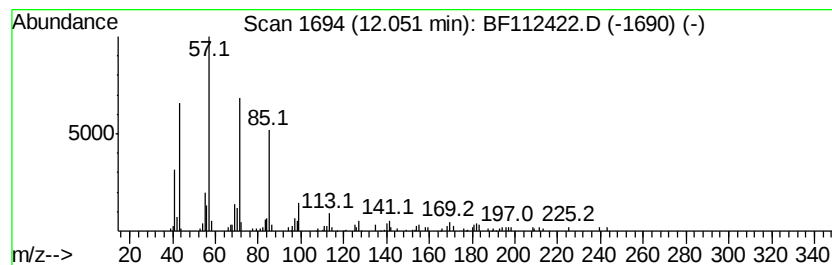
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.97 ng	167828	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Eicosane	282	C20H42	000112-95-8	87
5			Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

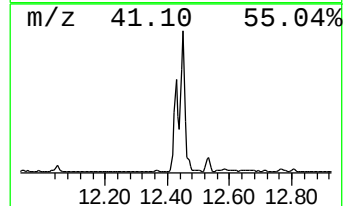
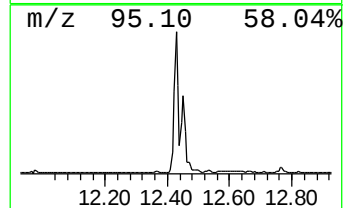
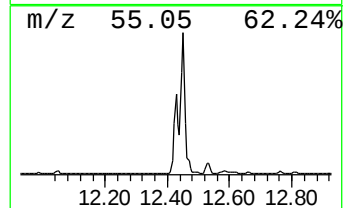
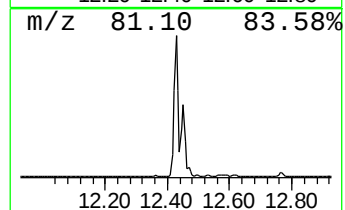
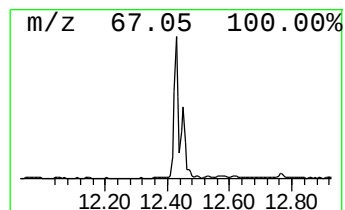
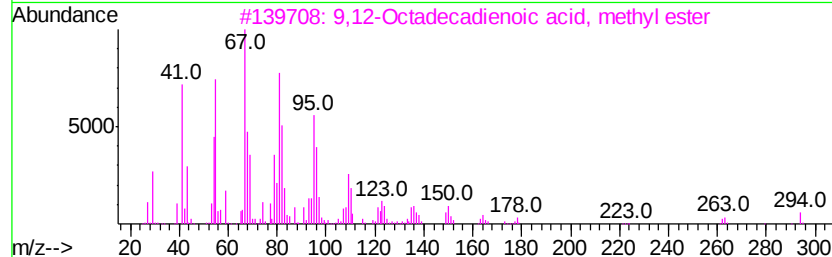
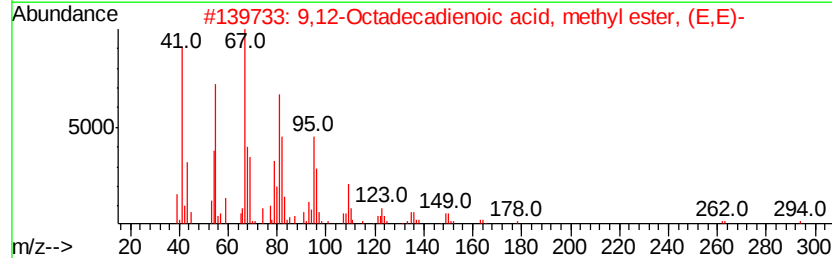
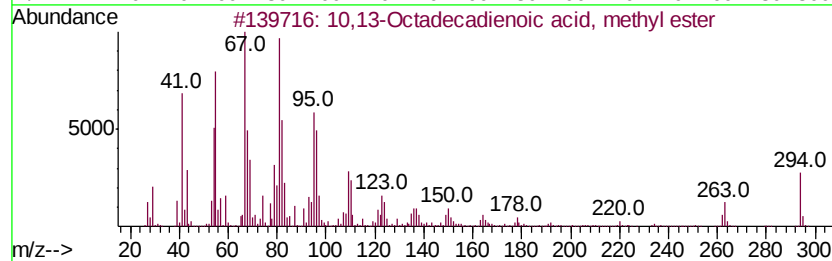
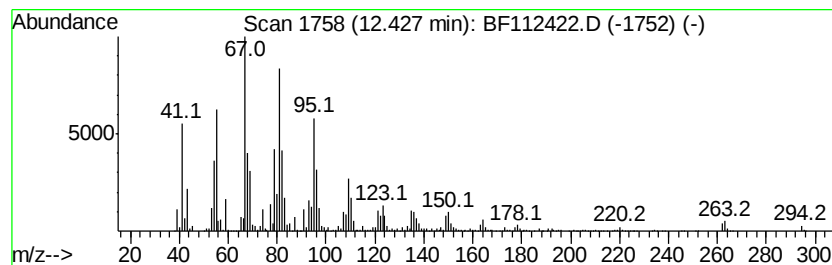
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 10,13-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.43	65.48 ng	3706100	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

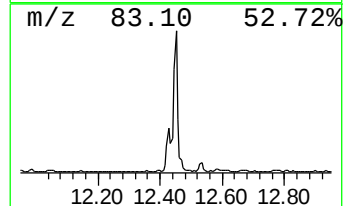
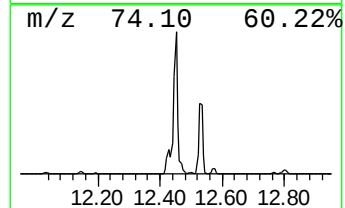
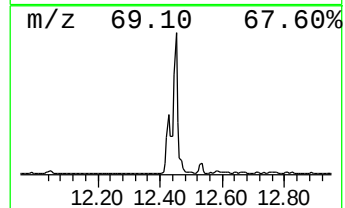
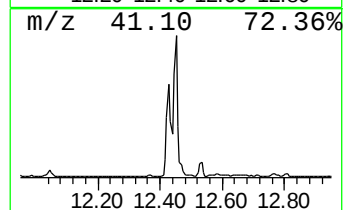
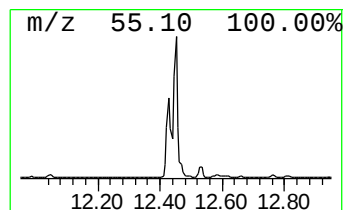
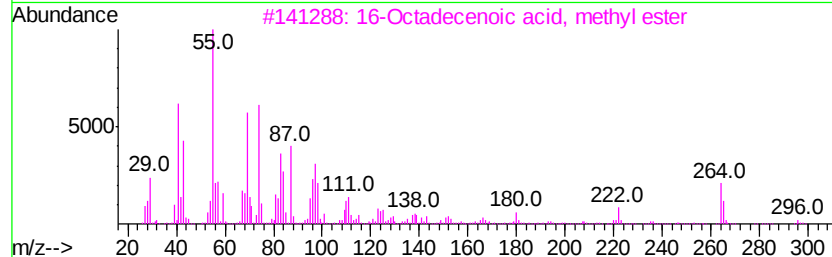
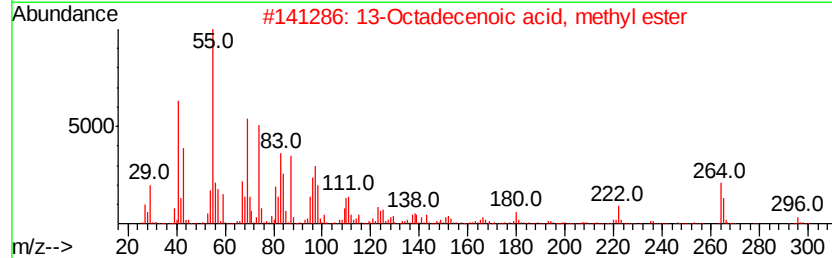
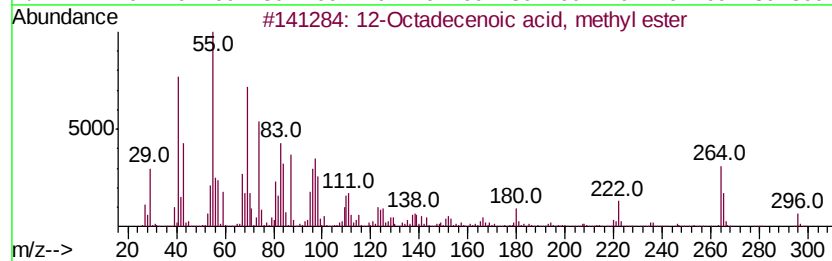
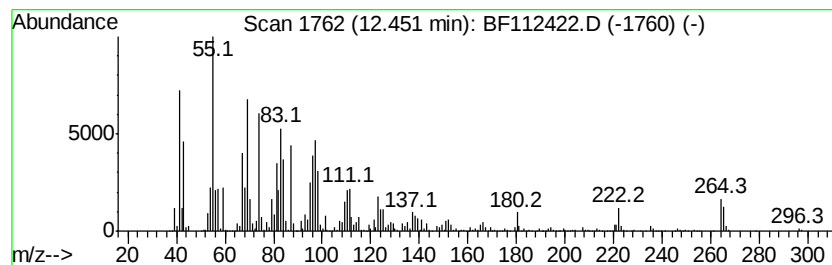
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 12-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.45	76.43 ng	4325570	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112422.D
Acq On : 6 Feb 2019 16:16
Operator : JU/SJ
Sample : K1356-03 5X
Misc :
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Instrument :
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ClientSampleId :
SU-01-020519-B

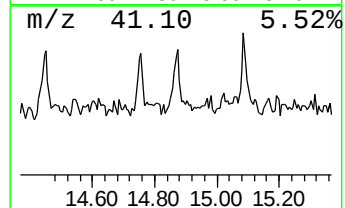
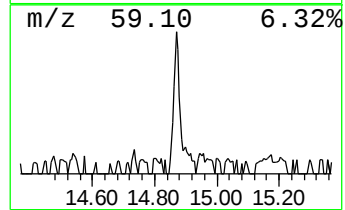
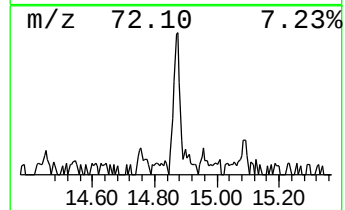
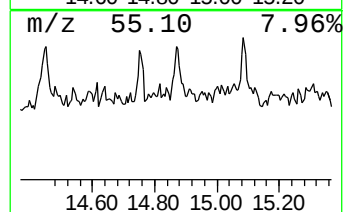
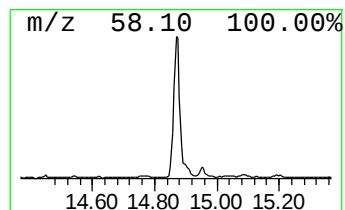
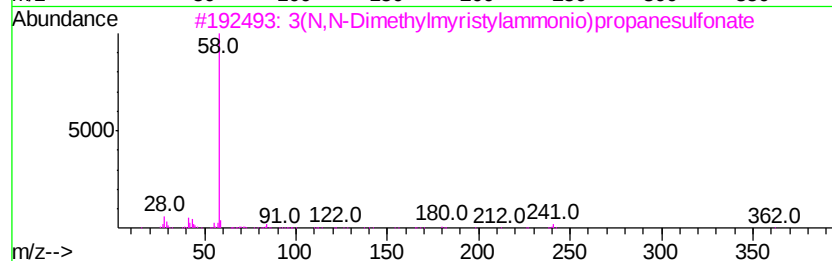
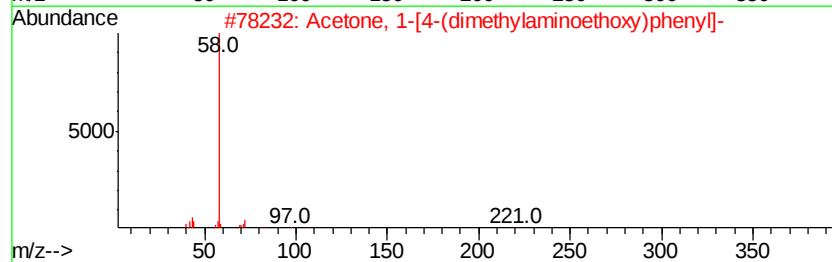
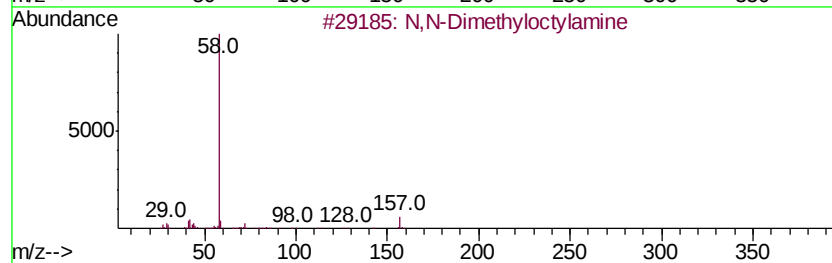
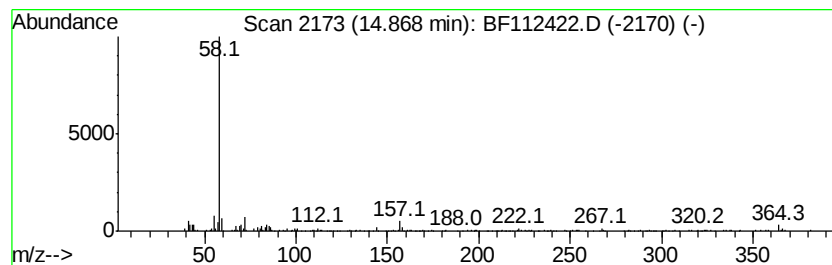
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	5.04 ng	251778	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		Acetone, 1-[4-(dimethylaminoethoxy)phenyl]-	221	C13H19NO2	086608-11-9	64
3		3(N,N-Dimethylmyristylammonio)propanesulfonate	363	C19H41NO3S	014933-09-6	64
4		n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	59
5		3-(N,N-Dimethylaurylammonio)propanesulfonate	335	C17H37NO3S	014933-08-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\
 Data File : BF112422.D
 Acq On : 6 Feb 2019 16:16
 Operator : JU/SJ
 Sample : K1356-03 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Tridecane	8.70	2.5	ng	153867	2	8.12	1213380	20.0
Tetradecane	9.27	3.5	ng	233311	3	9.87	1333220	20.0
unknown9.59	9.59	2.0	ng	134783	3	9.87	1333220	20.0
Hexadecane	10.29	4.5	ng	298831	3	9.87	1333220	20.0
Bacchotricuneatin c	10.52	2.2	ng	145255	3	9.87	1333220	20.0
Heneicosane	10.77	6.1	ng	347149	4	11.36	1131970	20.0
Octacosane	11.22	3.8	ng	215186	4	11.36	1131970	20.0
Heptadecane, 2,6,...	11.25	2.8	ng	160892	4	11.36	1131970	20.0
Hexadecanoic acid...	11.74	23.9	ng	1353690	4	11.36	1131970	20.0
Anthracene, 2-met...	11.89	2.8	ng	156733	4	11.36	1131970	20.0
4H-Cyclopenta[def...	11.97	3.5	ng	199218	4	11.36	1131970	20.0
Heptadecane	12.05	3.0	ng	167828	4	11.36	1131970	20.0
10,13-Octadecadie...	12.43	65.5	ng	3706100	4	11.36	1131970	20.0
12-Octadecenoic a...	12.45	76.4	ng	4325570	4	11.36	1131970	20.0
N,N-Dimethyloctyl...	14.87	5.0	ng	251778	6	15.47	998357	20.0