

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112541.D
 Acq On : 13 Feb 2019 16:18
 Operator : JU/SJ
 Sample : K1343-19 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-J

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	5.469	572	575	589	rBV	345283	480500	4.27%	1.054%
2	6.487	745	748	766	rBV	378425	554389	4.93%	1.216%
3	6.610	766	769	776	rVB	539694	563913	5.02%	1.237%
4	6.834	804	807	814	rBV	733991	634546	5.64%	1.392%
5	6.992	829	834	841	rBV	485062	463473	4.12%	1.017%
6	7.398	900	903	906	rBV	291250	293365	2.61%	0.643%
7	7.428	906	908	912	rVB	167406	132665	1.18%	0.291%
8	8.098	1018	1022	1023	rBV	278330	252274	2.24%	0.553%
9	8.116	1023	1025	1031	rVV	820051	834978	7.43%	1.831%
10	8.175	1031	1035	1038	rVB2	127153	143274	1.27%	0.314%
11	8.410	1070	1075	1081	rBV5	98442	138515	1.23%	0.304%
12	8.622	1107	1111	1113	rBV	155447	139602	1.24%	0.306%
13	8.704	1122	1125	1129	rBV	438446	361901	3.22%	0.794%
14	9.069	1183	1187	1191	rBV3	94010	132012	1.17%	0.290%
15	9.134	1196	1198	1200	rVV2	151745	119015	1.06%	0.261%
16	9.192	1204	1208	1212	rVV	646127	584337	5.20%	1.282%
17	9.269	1217	1221	1224	rBV	548321	461944	4.11%	1.013%
18	9.586	1271	1275	1278	rBV3	183982	224351	2.00%	0.492%
19	9.798	1308	1311	1314	rVB	568118	415719	3.70%	0.912%
20	9.875	1320	1324	1328	rVB	924567	783703	6.97%	1.719%
21	10.122	1362	1366	1369	rBV3	121291	158497	1.41%	0.348%
22	10.298	1390	1396	1399	rBV	602182	536701	4.77%	1.177%
23	10.516	1428	1433	1436	rBV	166183	219034	1.95%	0.480%
24	10.669	1456	1459	1468	rBV	294883	364346	3.24%	0.799%
25	10.769	1473	1476	1486	rVB	548381	599530	5.33%	1.315%
26	11.216	1549	1552	1555	rBV	426631	352472	3.14%	0.773%
27	11.245	1555	1557	1563	rVB2	152339	194433	1.73%	0.426%
28	11.363	1574	1577	1580	rBV	773135	718472	6.39%	1.576%
29	11.392	1580	1582	1587	rVB2	134012	150615	1.34%	0.330%
30	11.645	1622	1625	1627	rBV	371564	289944	2.58%	0.636%
31	11.669	1627	1629	1632	rVB	150331	114521	1.02%	0.251%
32	11.751	1638	1643	1646	rBV	4165576	3877662	34.49%	8.505%
33	11.886	1662	1666	1673	rBV2	161422	229779	2.04%	0.504%
34	12.051	1690	1694	1700	rVB	299314	287618	2.56%	0.631%

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-021119-J

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	12.445	1754	1761	1762	rBV	7874788	10103292	89.87%	22.159%
36	12.469	1762	1765	1770	rVV2	9793400	11241790	100.00%	24.656%
37	12.539	1774	1777	1780	rBV	2071485	1607417	14.30%	3.526%
38	12.598	1780	1787	1790	rBV3	439702	856876	7.62%	1.879%
39	12.769	1813	1816	1820	rBV	338049	337913	3.01%	0.741%
40	12.816	1820	1824	1830	rVB2	262790	357068	3.18%	0.783%
41	12.945	1842	1846	1849	rBV	570377	494426	4.40%	1.084%
42	13.098	1869	1872	1873	rBV	227567	210013	1.87%	0.461%
43	13.121	1873	1876	1881	rVB6	107028	193546	1.72%	0.425%
44	13.169	1881	1884	1885	rBV	175958	165688	1.47%	0.363%
45	13.263	1895	1900	1904	rBV	307915	352165	3.13%	0.772%
46	13.369	1915	1918	1922	rBV4	153181	143735	1.28%	0.315%
47	13.510	1939	1942	1945	rVB	133669	124532	1.11%	0.273%
48	13.839	1995	1998	2001	rVB	136651	129023	1.15%	0.283%
49	13.927	2010	2013	2016	rBV	271068	237253	2.11%	0.520%
50	14.016	2024	2028	2031	rBV	801801	770496	6.85%	1.690%
51	14.151	2048	2051	2054	rBV	160782	138767	1.23%	0.304%
52	14.457	2098	2103	2107	rBV3	249848	379180	3.37%	0.832%
53	14.545	2116	2118	2121	rBV	127979	127076	1.13%	0.279%
54	14.763	2152	2155	2159	rBV	183330	185901	1.65%	0.408%
55	14.880	2170	2175	2183	rBV	469917	712843	6.34%	1.563%
56	15.098	2209	2212	2221	rVB	246177	346669	3.08%	0.760%
57	15.474	2273	2276	2277	rBV	113688	132175	1.18%	0.290%
58	15.498	2277	2280	2284	rVB	371140	437794	3.89%	0.960%

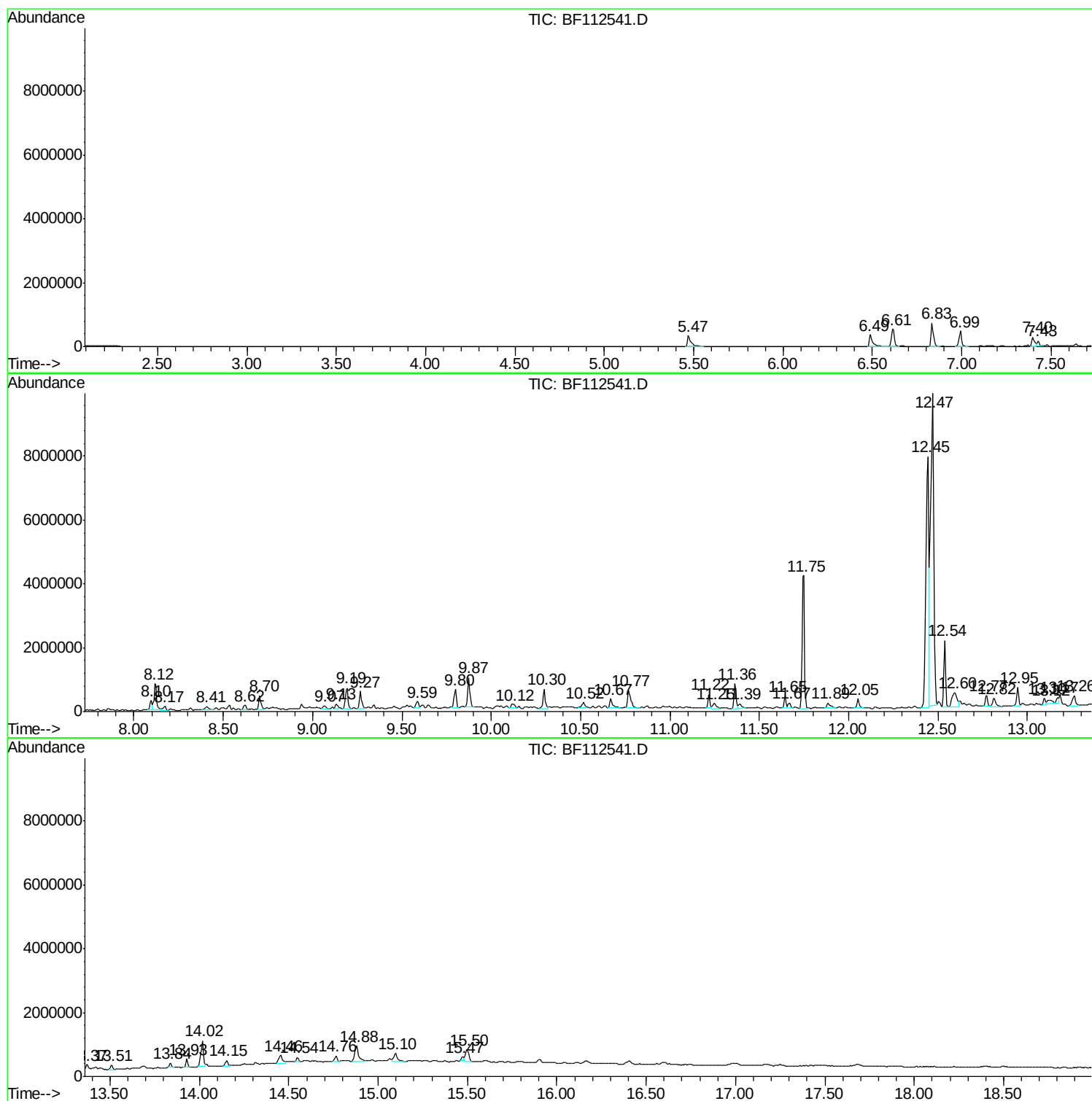
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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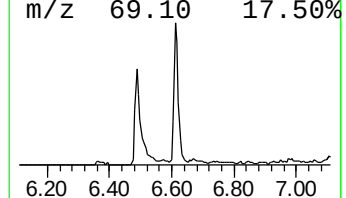
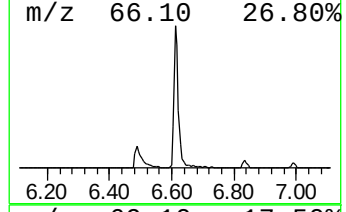
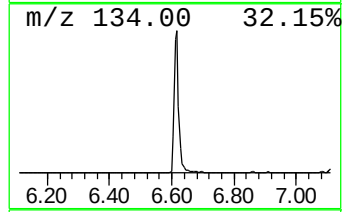
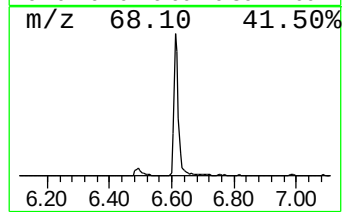
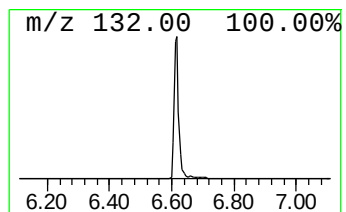
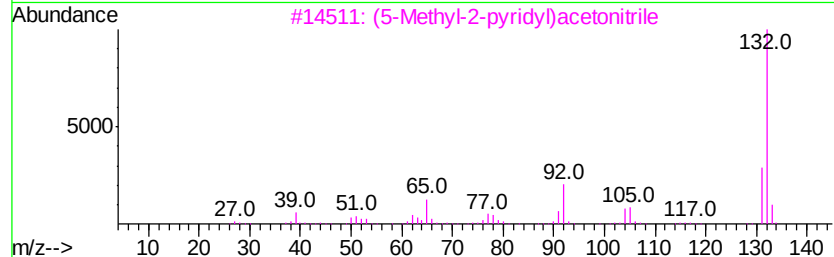
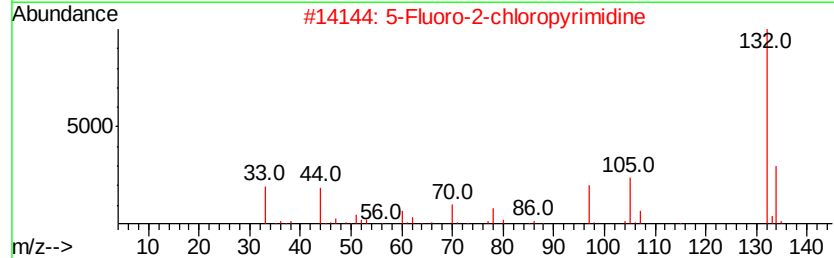
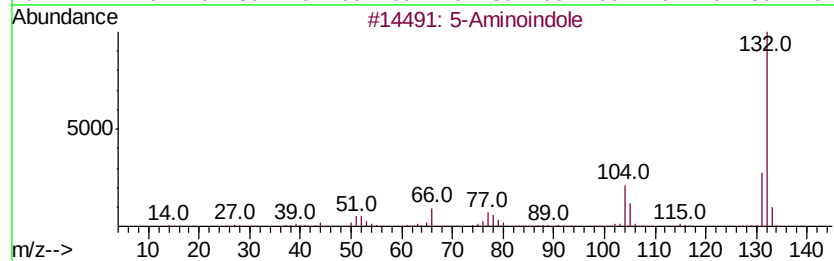
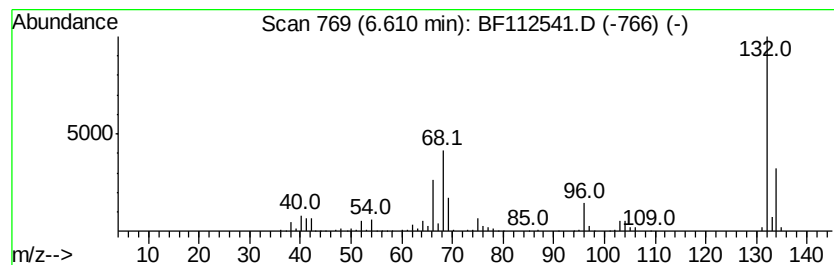
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	17.77 ng	563913	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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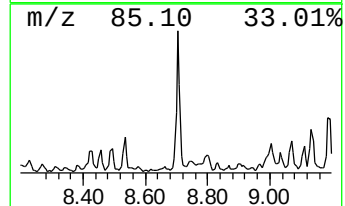
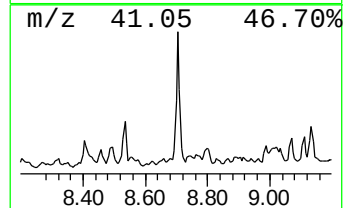
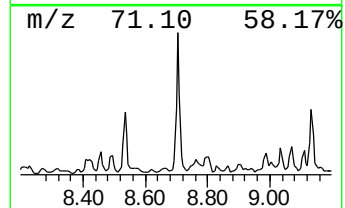
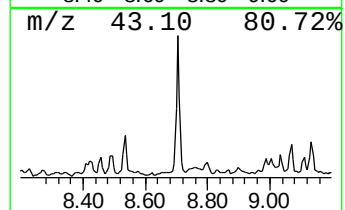
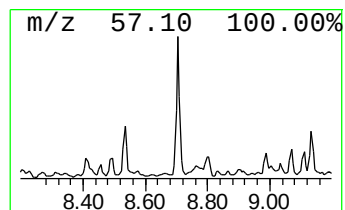
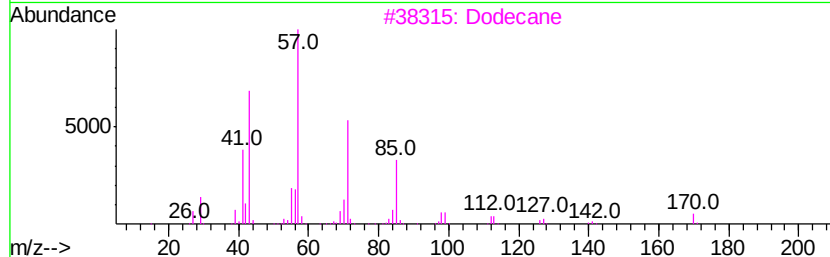
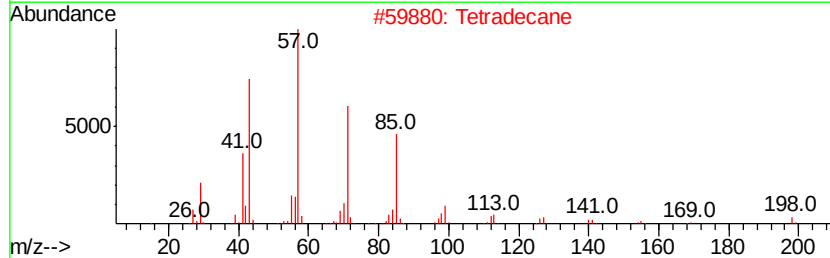
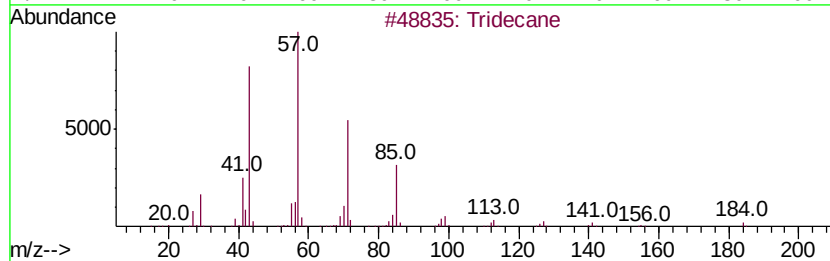
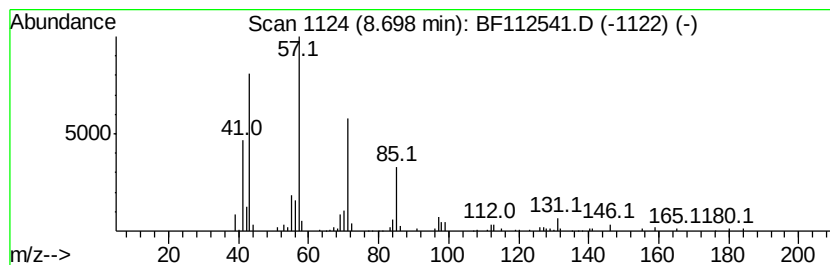
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.70	8.67 ng	361901	Naphthalene-d8	8.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tetradecane	198	C14H30	000629-59-4	80
3	Dodecane	170	C12H26	000112-40-3	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



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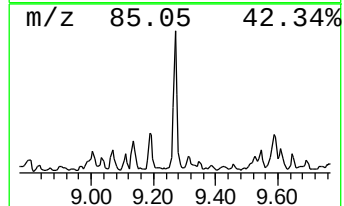
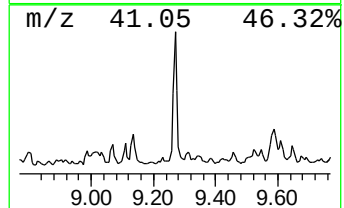
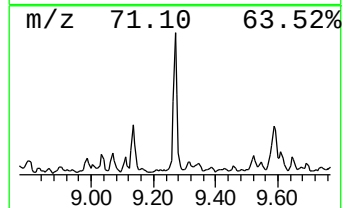
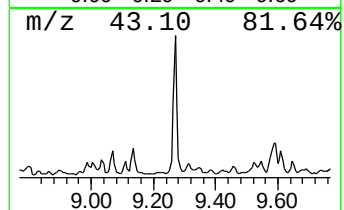
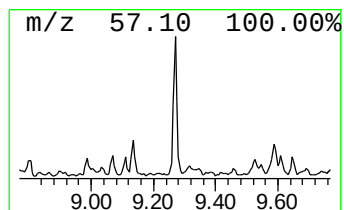
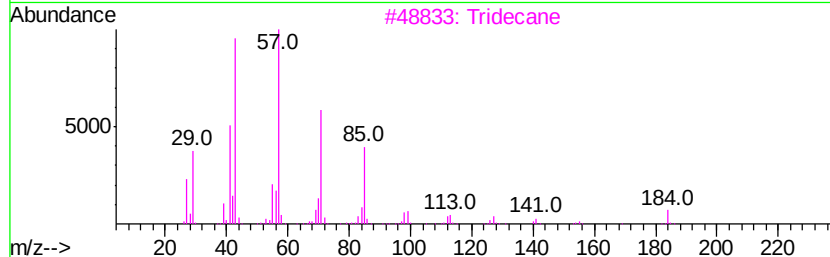
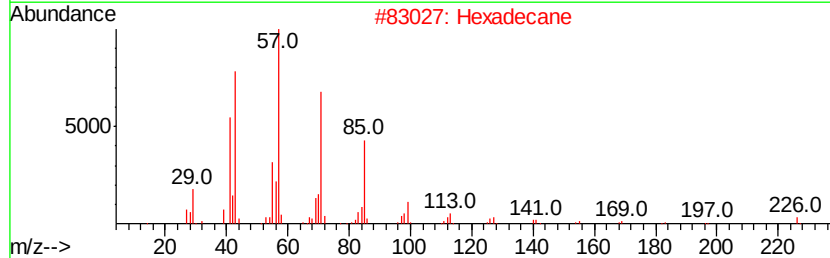
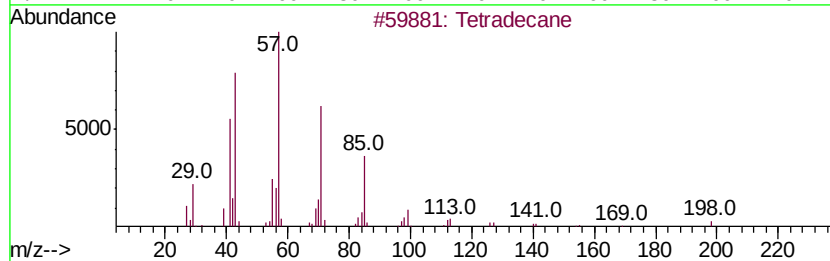
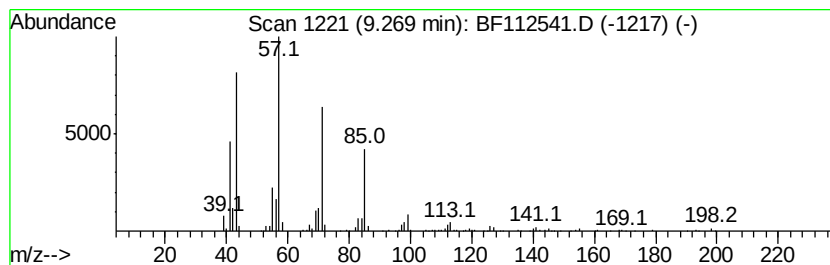
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	11.79 ng	461944	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



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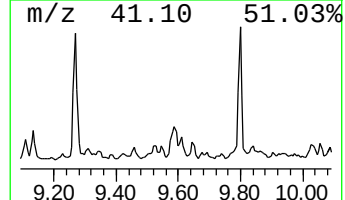
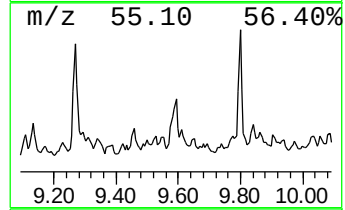
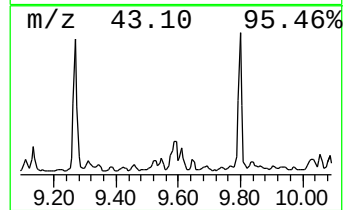
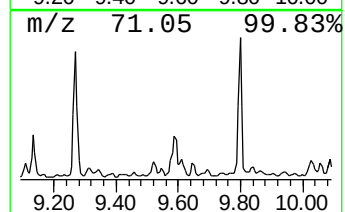
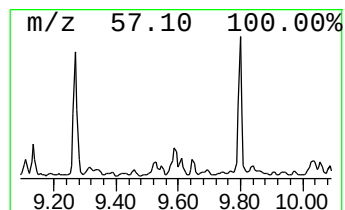
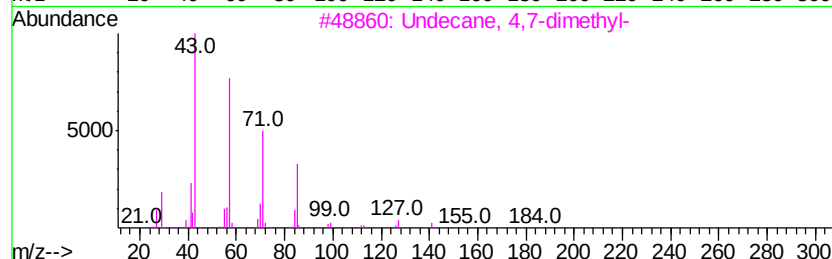
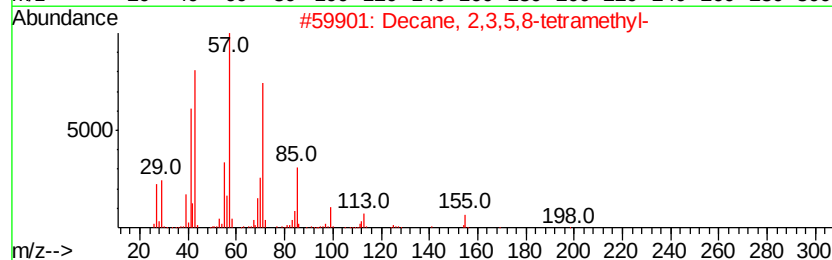
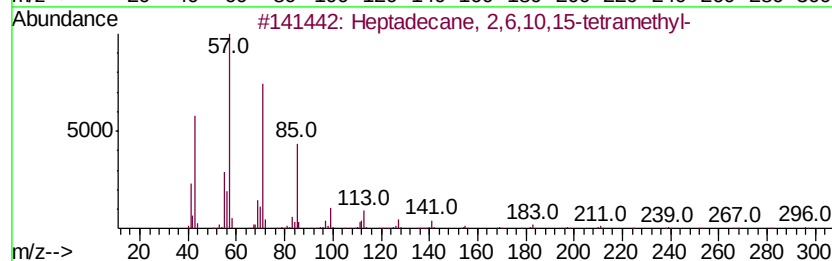
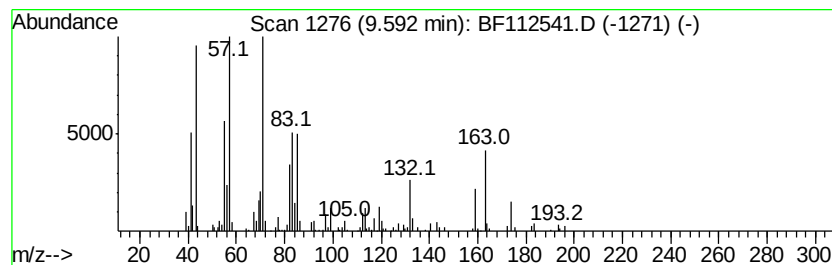
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	5.73 ng	224351	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
2	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	43
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	43
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	38
5	Dimethyl phthalate	194	C10H10O4	000131-11-3	35



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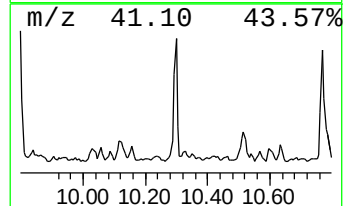
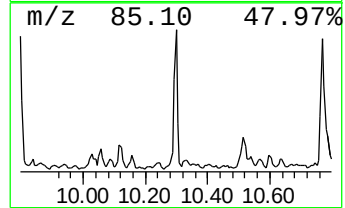
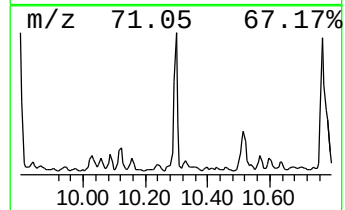
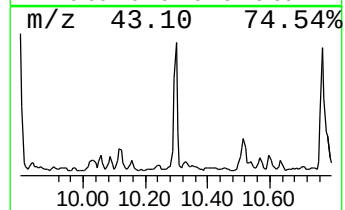
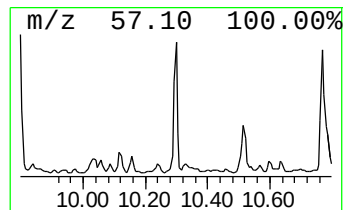
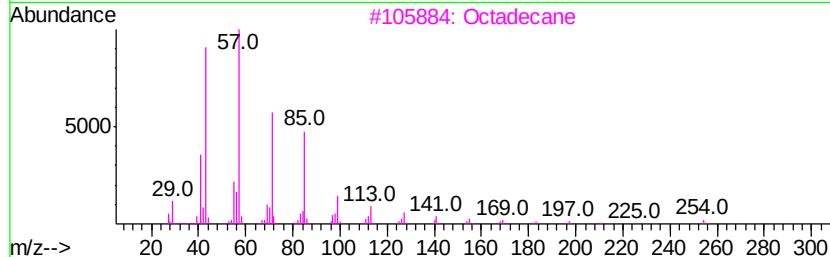
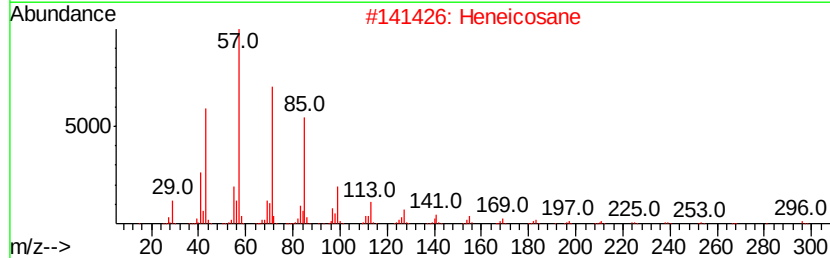
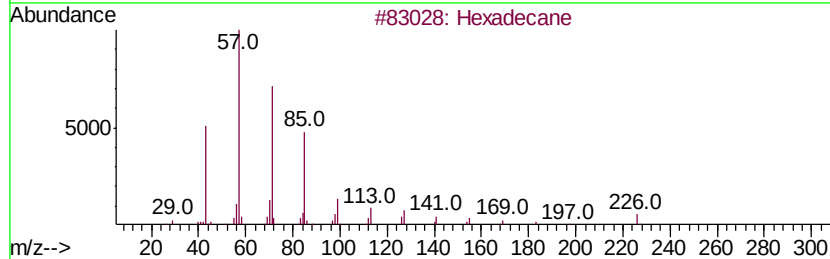
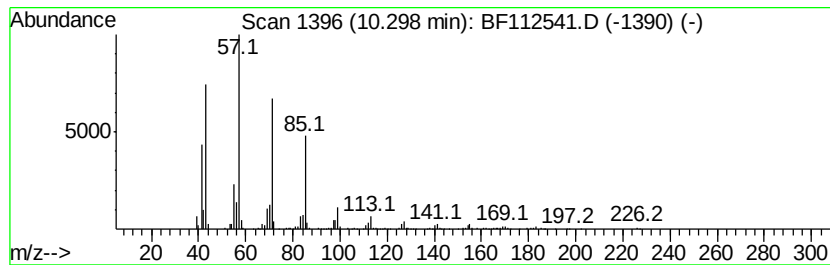
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JC-02-021119-J

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 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	13.70 ng	536701	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	96
2	Heneicosane	296 C21H44	000629-94-7	91
3	Octadecane	254 C18H38	000593-45-3	91
4	Tetradecane	198 C14H30	000629-59-4	91
5	Sulfurous acid, 2-propyl tetrade...	320 C17H36O3S	1000309-12-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112541.D
Acq On : 13 Feb 2019 16:18
Operator : JU/SJ
Sample : K1343-19 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

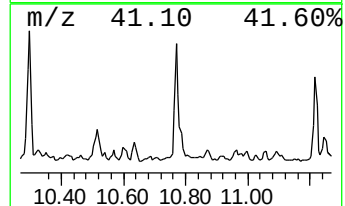
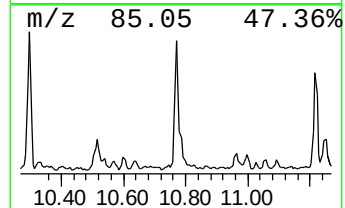
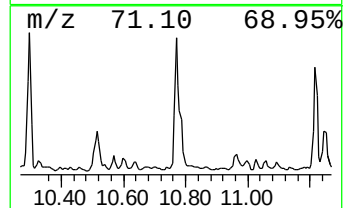
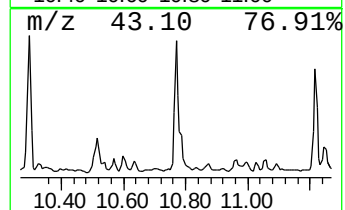
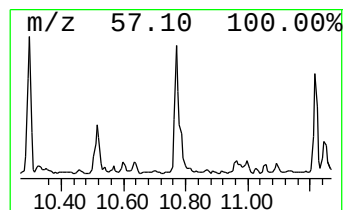
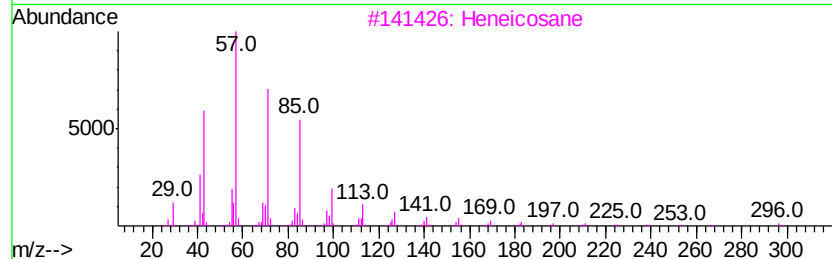
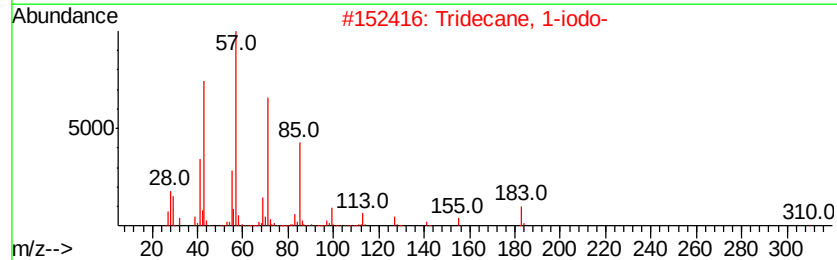
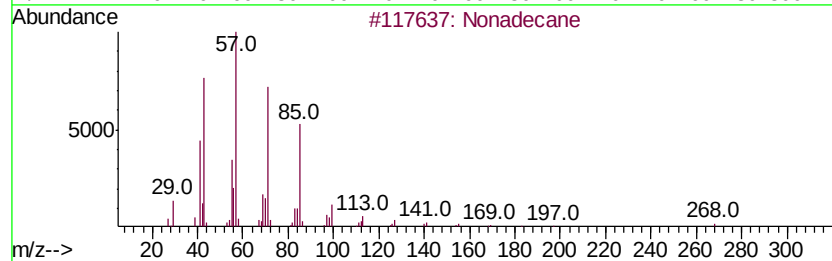
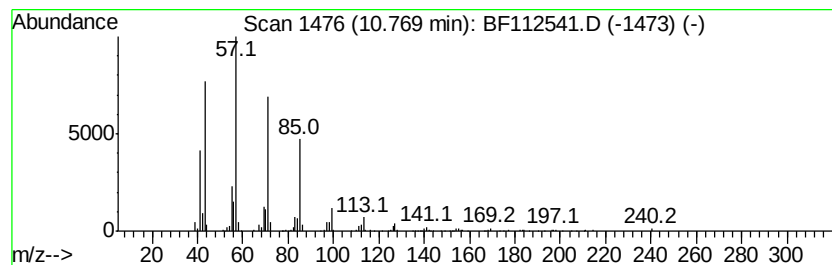
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	16.69 ng	599530	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptadecane		240	C17H36	000629-78-7	87
5	Tetradecane		198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
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Sample : K1343-19 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

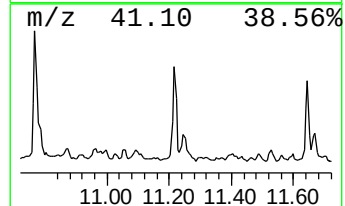
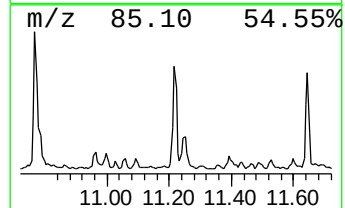
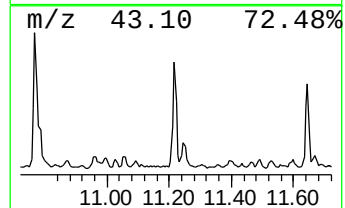
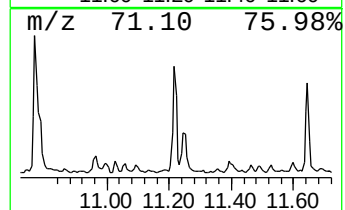
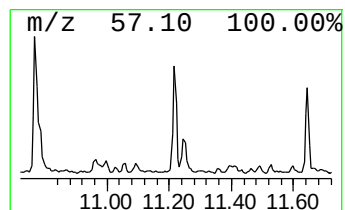
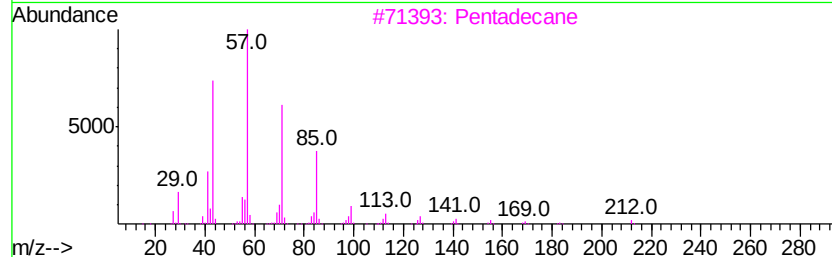
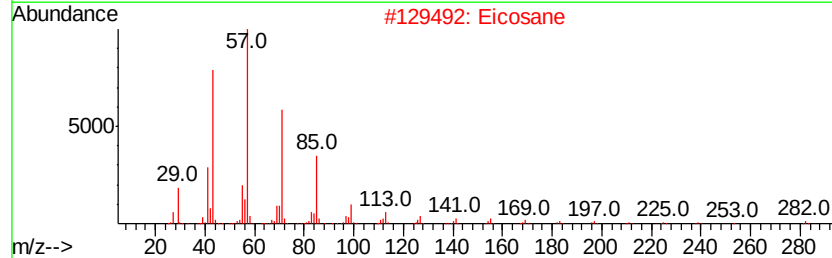
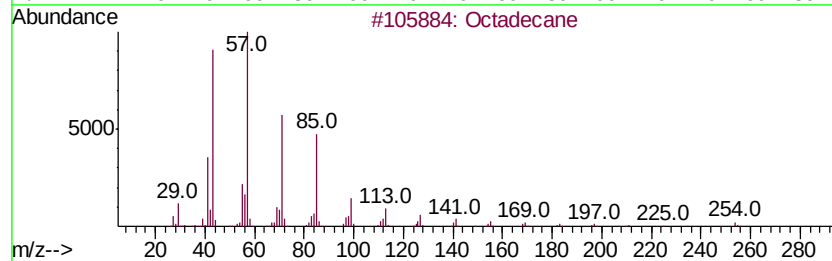
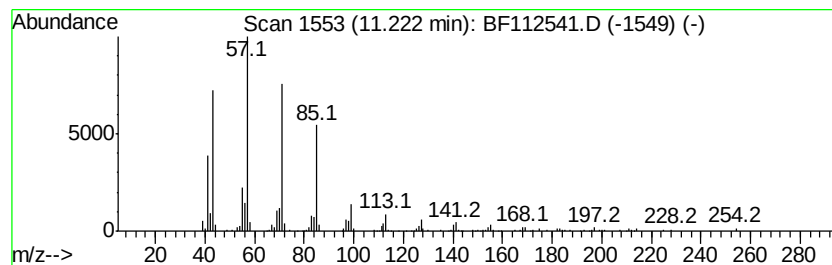
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.22	9.81 ng	352472	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
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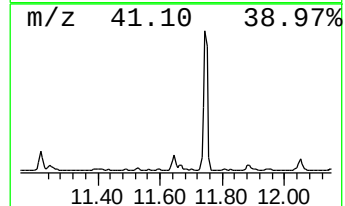
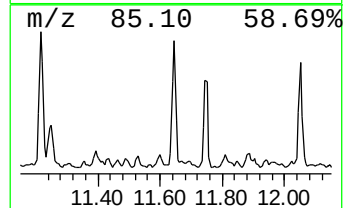
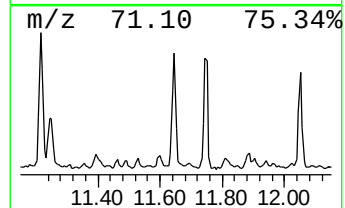
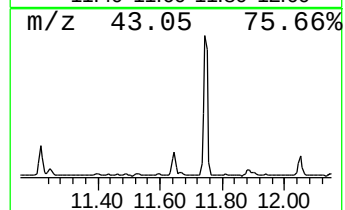
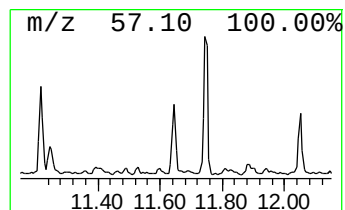
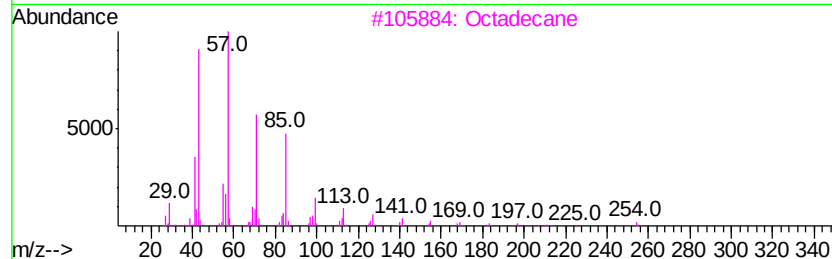
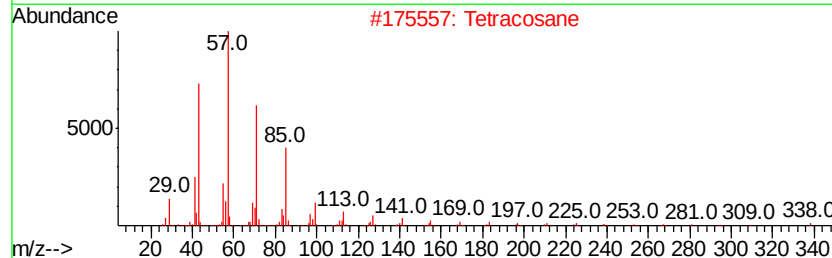
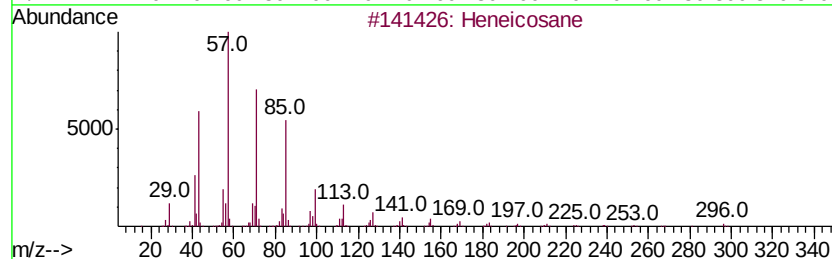
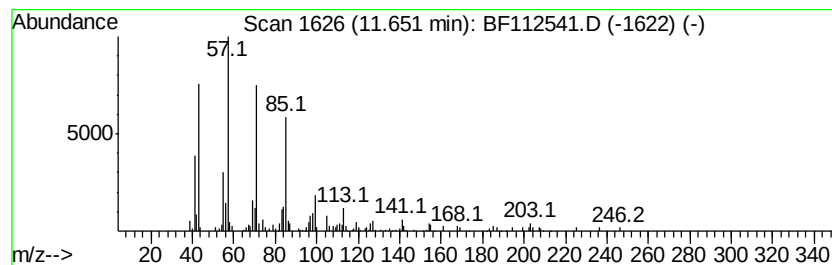
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.65	8.07 ng	289944	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112541.D
Acq On : 13 Feb 2019 16:18
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ALS Vial : 15 Sample Multiplier: 1

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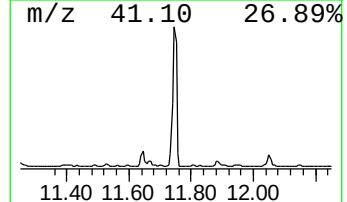
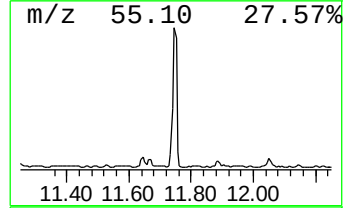
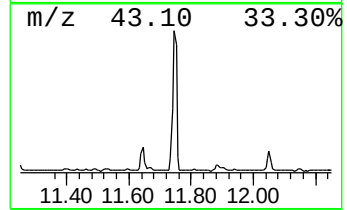
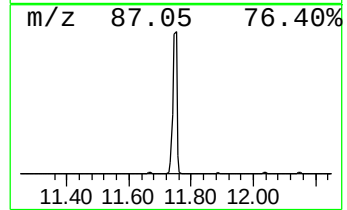
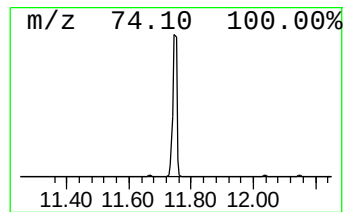
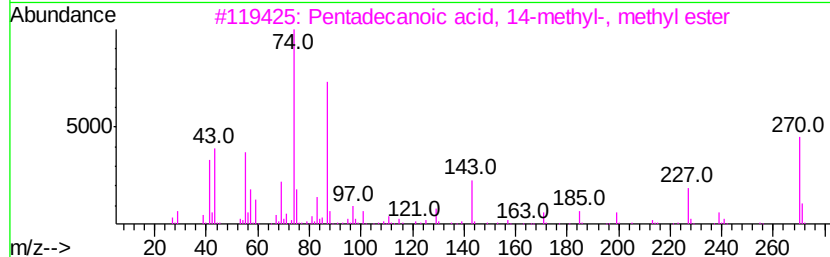
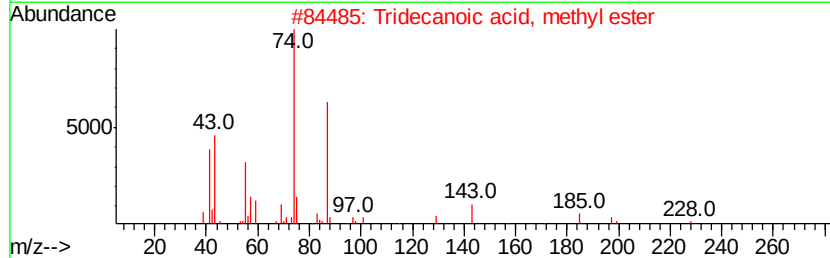
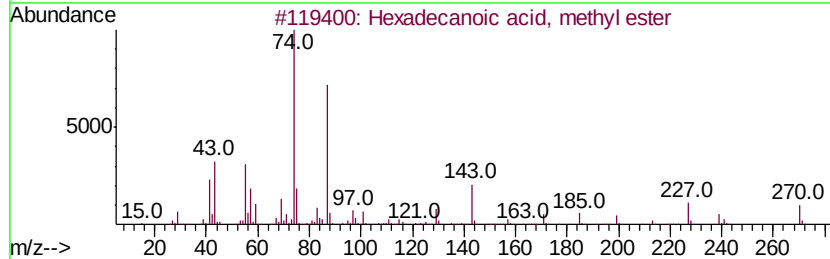
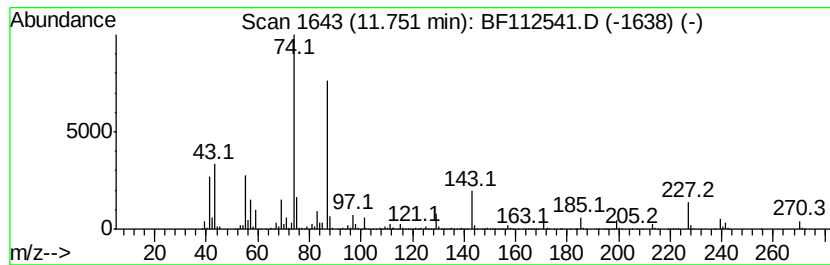
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	107.94 ng	3877660	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		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
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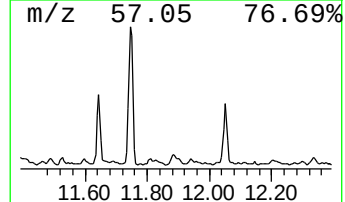
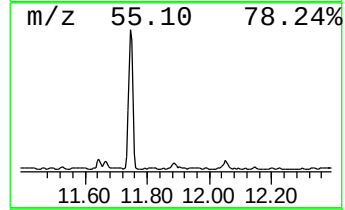
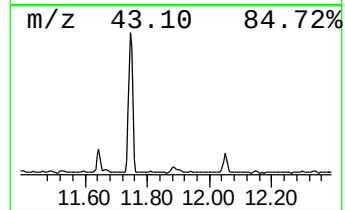
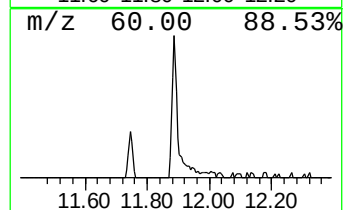
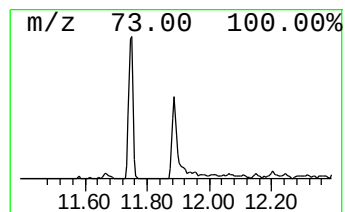
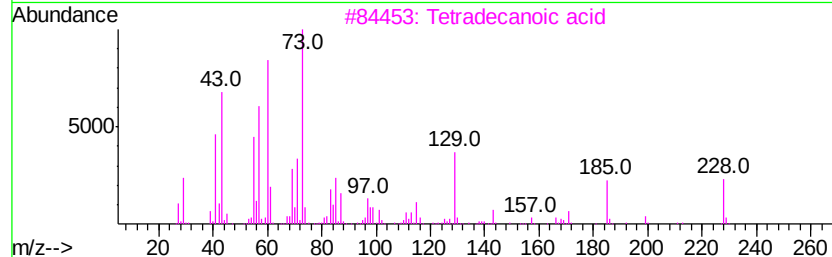
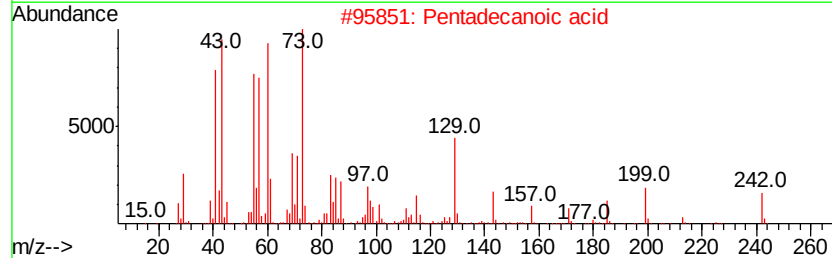
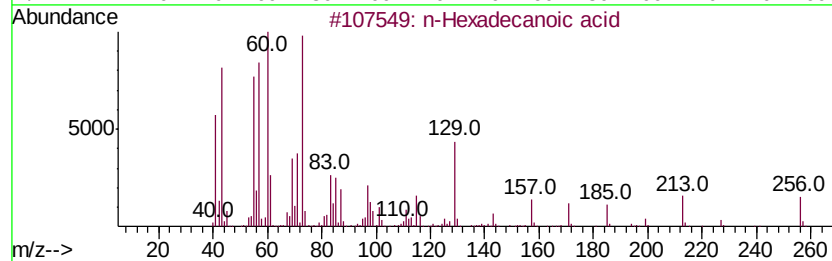
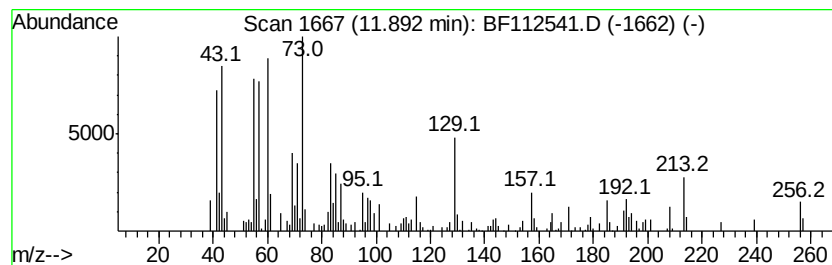
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.40 ng	229779	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			Tetradecane	198	C14H30	000629-59-4	44



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
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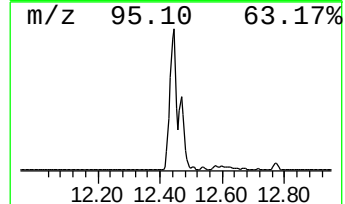
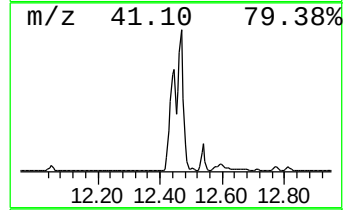
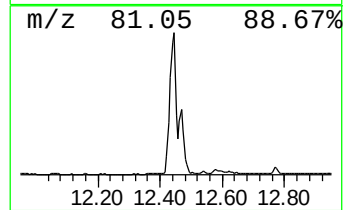
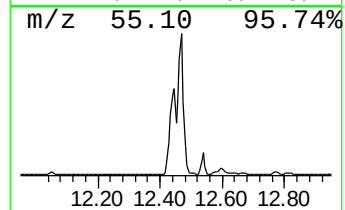
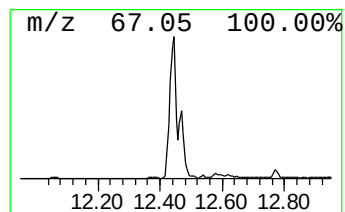
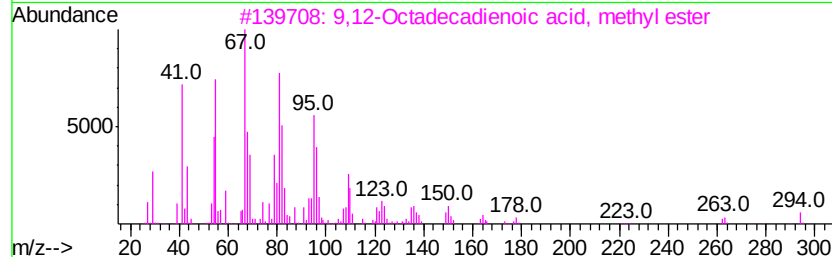
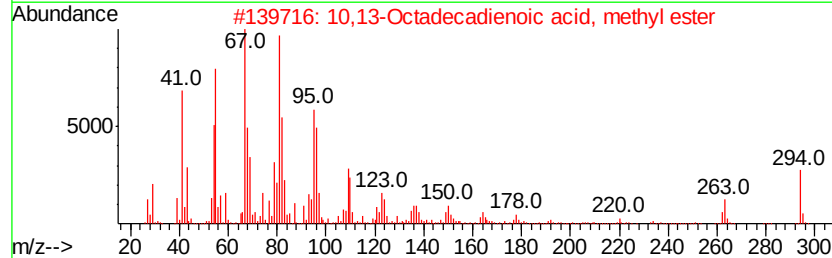
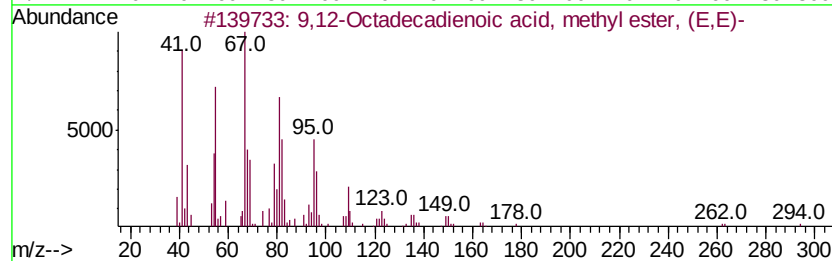
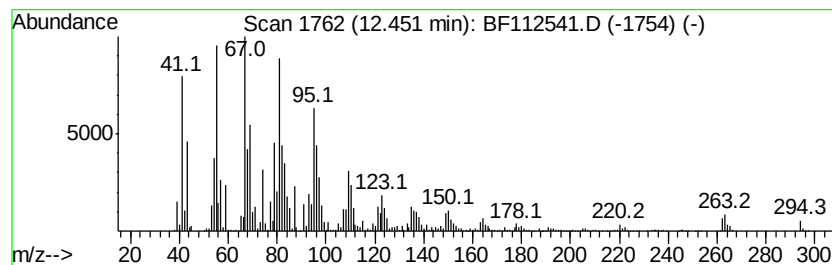
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.45	281.24 ng	10103300	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112541.D
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ALS Vial : 15 Sample Multiplier: 1

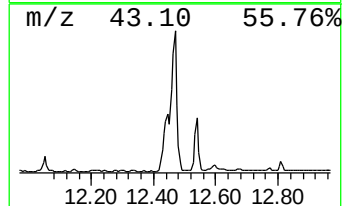
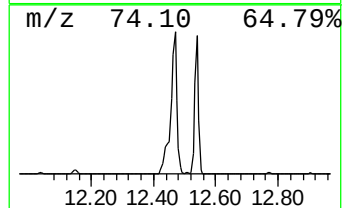
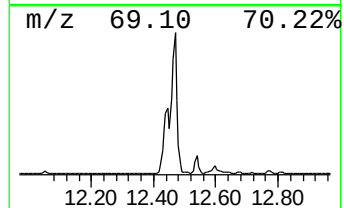
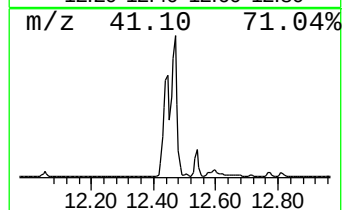
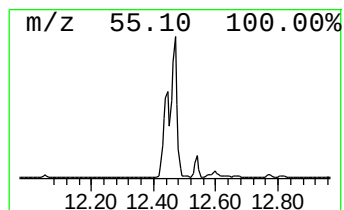
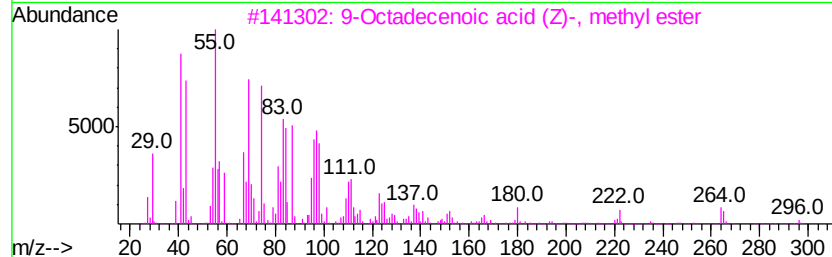
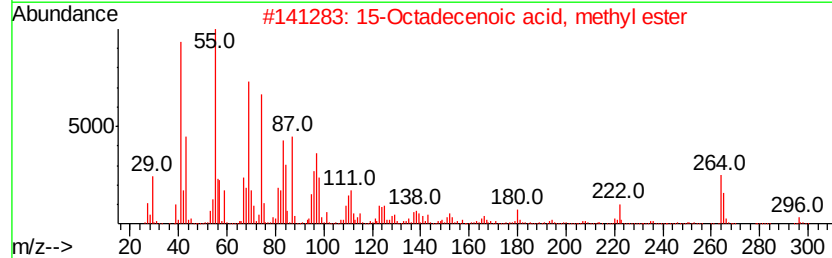
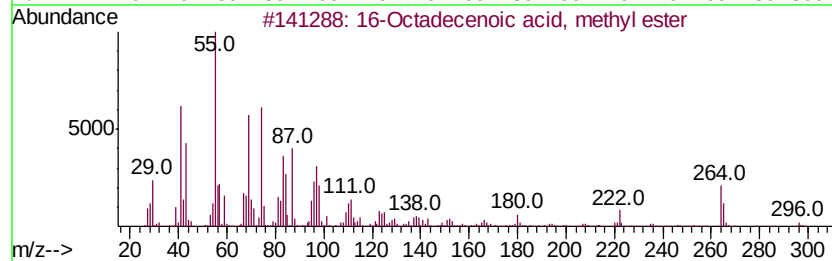
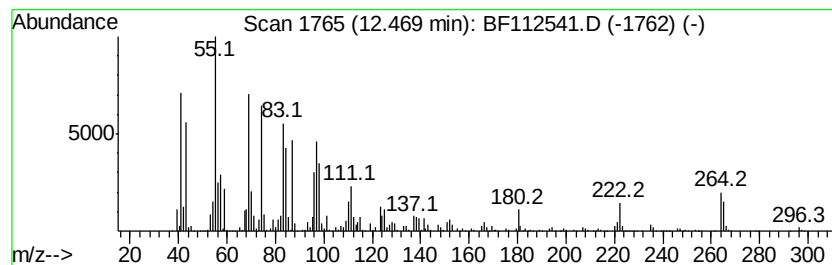
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

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 15 16-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.47	312.94 ng	11241800	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112541.D
Acq On : 13 Feb 2019 16:18
Operator : JU/SJ
Sample : K1343-19 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

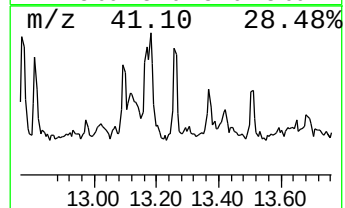
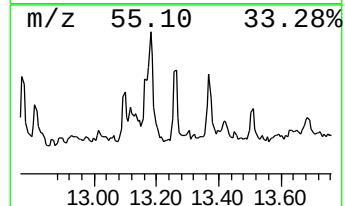
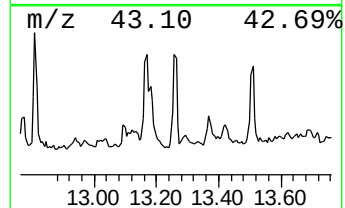
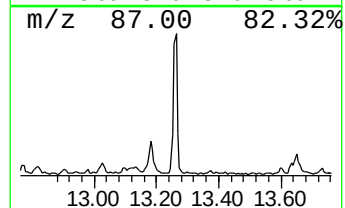
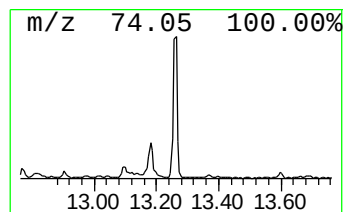
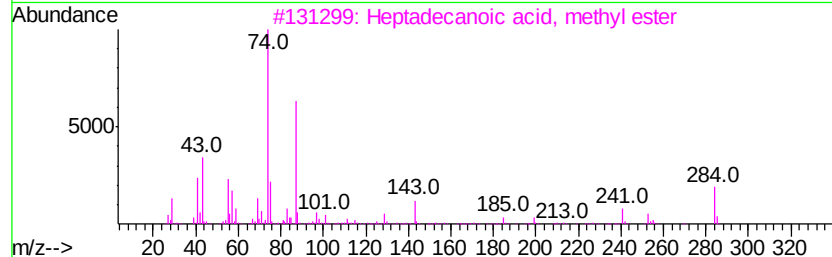
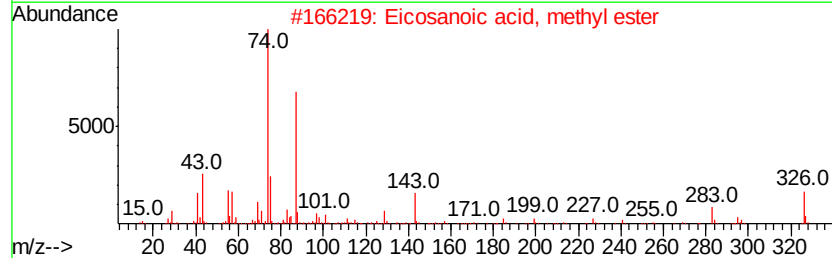
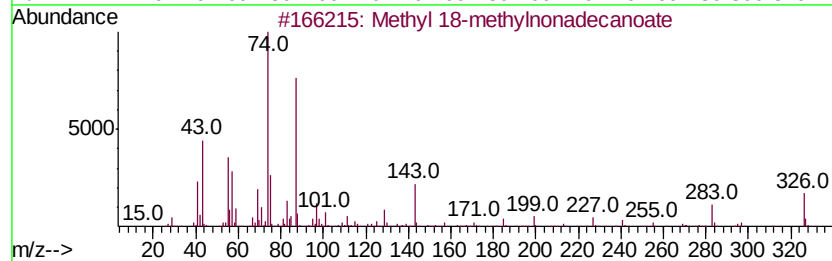
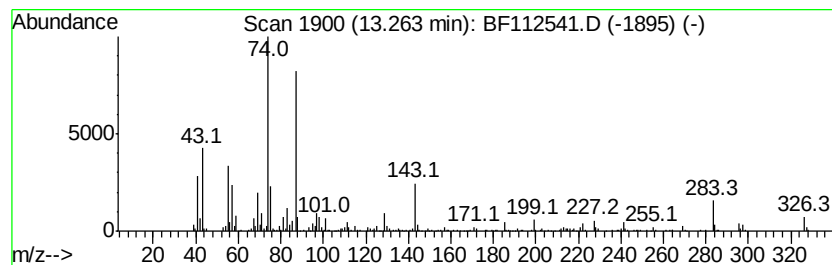
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Methyl 18-methylnonadecanoate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	9.14 ng	352165	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	97
2		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112541.D
Acq On : 13 Feb 2019 16:18
Operator : JU/SJ
Sample : K1343-19 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

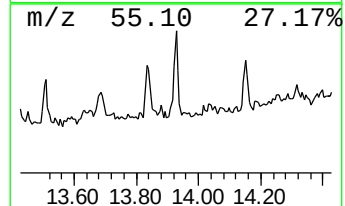
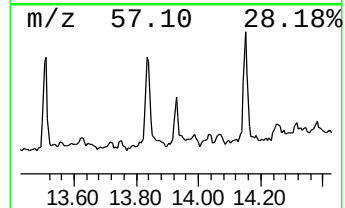
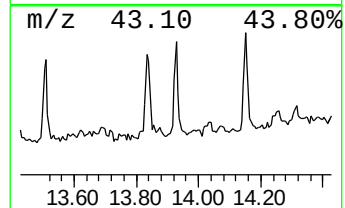
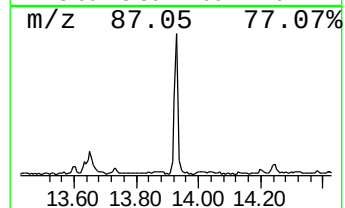
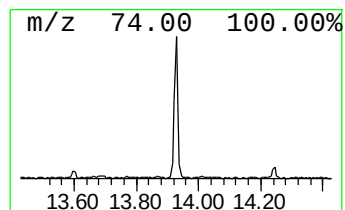
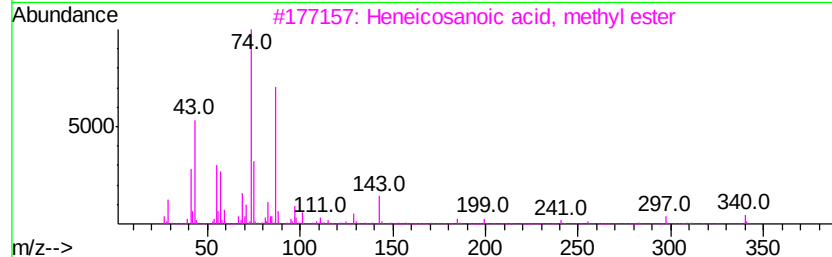
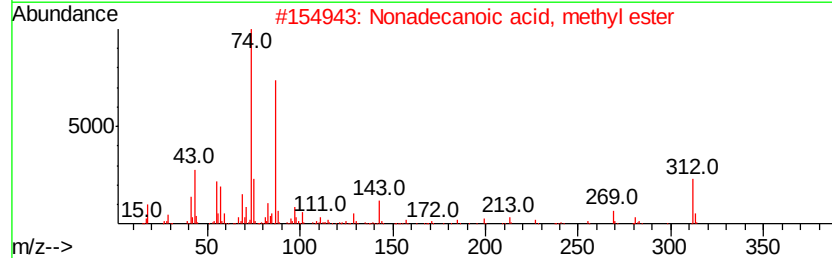
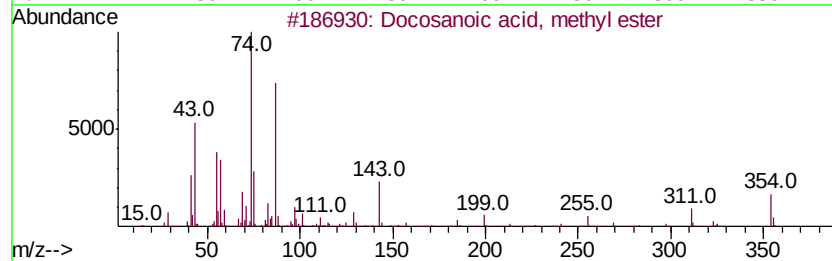
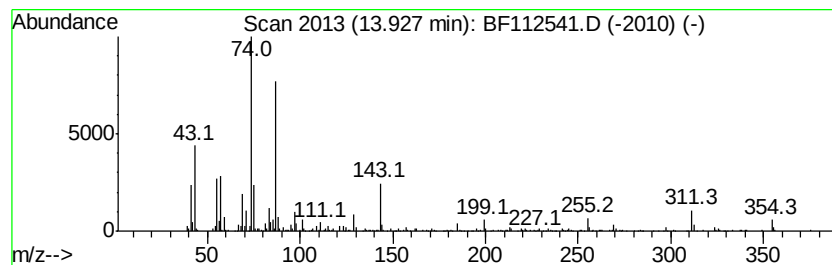
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	6.16 ng	237253	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	97
3		Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	95
4		Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	93
5		Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112541.D
Acq On : 13 Feb 2019 16:18
Operator : JU/SJ
Sample : K1343-19 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

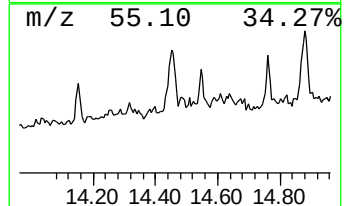
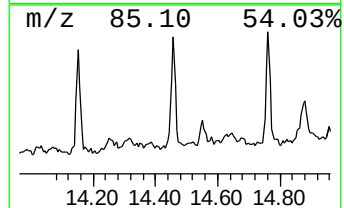
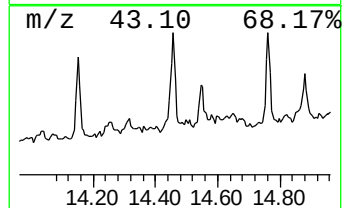
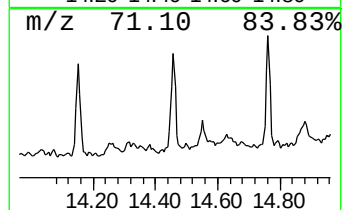
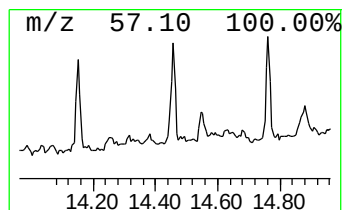
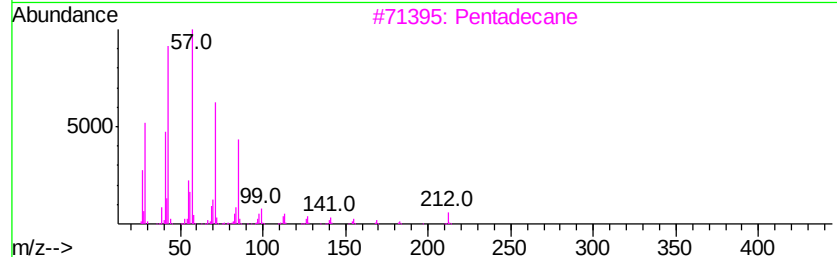
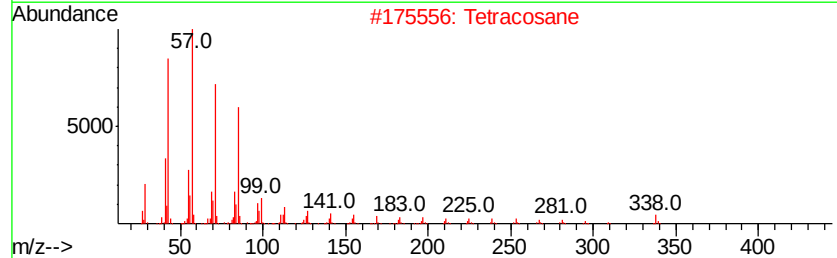
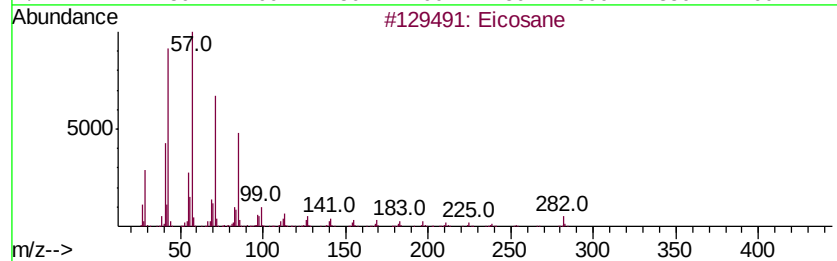
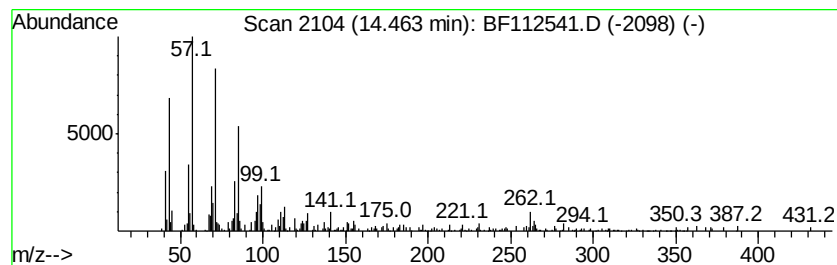
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	9.84 ng	379180	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	96
2	Tetracosane	338 C24H50	000646-31-1	93
3	Pentadecane	212 C15H32	000629-62-9	89
4	Heptadecane	240 C17H36	000629-78-7	83
5	Hexadecane	226 C16H34	000544-76-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112541.D
Acq On : 13 Feb 2019 16:18
Operator : JU/SJ
Sample : K1343-19 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-021119-J

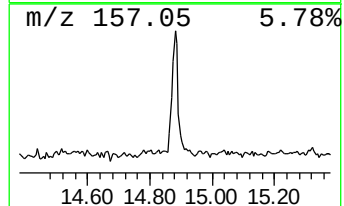
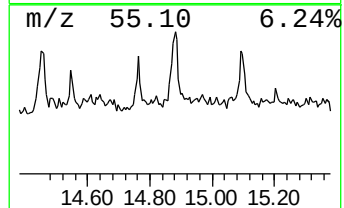
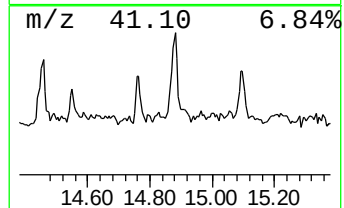
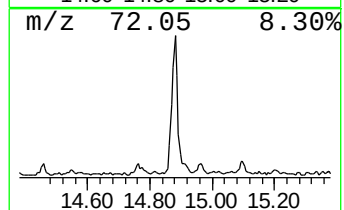
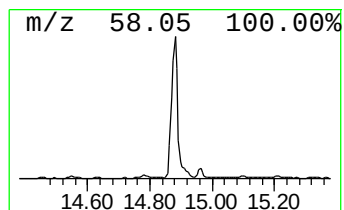
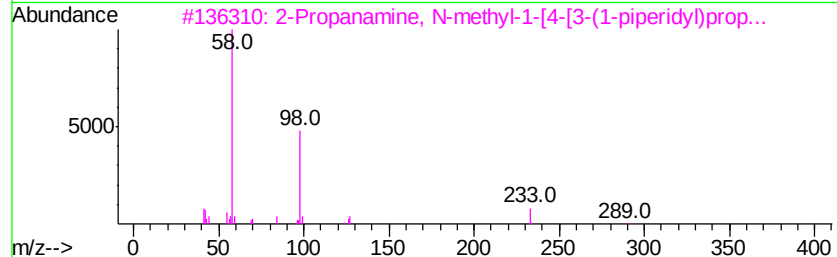
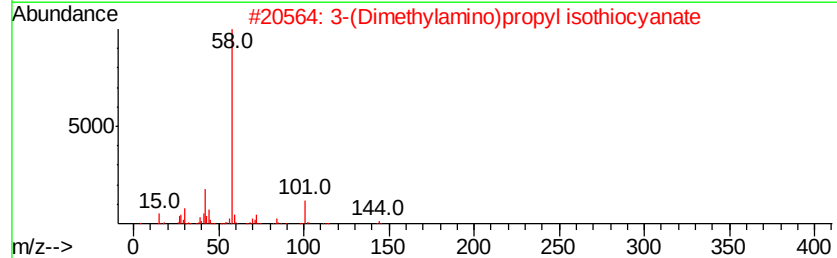
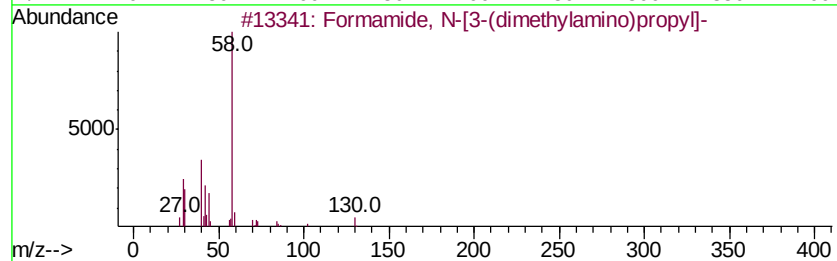
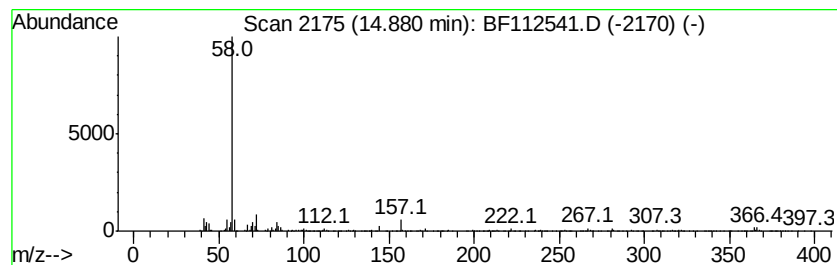
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Formamide, N-[3-(dimethylamino)propyl] Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	32.57 ng	712843	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Formamide, N-[3-(dimethylamino)propyl]	130	C6H14N2O	005922-69-0	72
2		3-(Dimethylamino)propyl isothiocyanate	144	C6H12N2S	027421-70-1	72
3		2-Propanamine, N-methyl-1-[4-[3-(dimethylamino)propyl]piperidin-1-yl]propan-1-ol	290	C18H30N2O	126002-12-8	64
4		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
5		Tetradonium Bromide	335	C17H38BrN	001119-97-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112541.D
 Acq On : 13 Feb 2019 16:18
 Operator : JU/SJ
 Sample : K1343-19 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Tridecane	8.70	8.7	ng	361901	2	8.12	834978	20.0
Tetradecane	9.27	11.8	ng	461944	3	9.87	783703	20.0
unknown9.59	9.59	5.7	ng	224351	3	9.87	783703	20.0
Hexadecane	10.30	13.7	ng	536701	3	9.87	783703	20.0
Nonadecane	10.77	16.7	ng	599530	4	11.36	718472	20.0
Octadecane	11.22	9.8	ng	352472	4	11.36	718472	20.0
Heneicosane	11.65	8.1	ng	289944	4	11.36	718472	20.0
Hexadecanoic acid...	11.75	107.9	ng	3877660	4	11.36	718472	20.0
n-Hexadecanoic acid	11.89	6.4	ng	229779	4	11.36	718472	20.0
9,12-Octadecadien...	12.45	281.2	ng	10103300	4	11.36	718472	20.0
16-Octadecenoic a...	12.47	312.9	ng	11241800	4	11.36	718472	20.0
Methyl 18-methyln...	13.26	9.1	ng	352165	5	14.02	770496	20.0
Docosanoic acid, ...	13.93	6.2	ng	237253	5	14.02	770496	20.0
Eicosane	14.46	9.8	ng	379180	5	14.02	770496	20.0
Formamide, N-[3-(...	14.88	32.6	ng	712843	6	15.50	437794	20.0