

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112412.D
 Acq On : 5 Feb 2019 22:44
 Operator : JU/SJ
 Sample : K1350-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-020419-A

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	592	rBV	1405867	1471438	5.69%	1.940%
2	6.475	743	746	759	rBV	1487162	1588831	6.14%	2.095%
3	6.604	765	768	774	rBV	1791305	1656280	6.40%	2.184%
4	6.828	803	806	814	rBV	952431	940628	3.63%	1.240%
5	6.987	829	833	840	rBV	1595631	1330978	5.14%	1.755%
6	7.392	899	902	906	rBV	1091333	914903	3.53%	1.207%
7	8.116	1022	1025	1028	rVV	1266490	1170187	4.52%	1.543%
8	8.704	1121	1125	1129	rBV	481848	412676	1.59%	0.544%
9	9.186	1203	1207	1212	rBV	2316729	1808903	6.99%	2.386%
10	9.269	1217	1221	1224	rBV	544904	474180	1.83%	0.625%
11	9.586	1271	1275	1277	rBV4	228582	301664	1.17%	0.398%
12	9.798	1307	1311	1314	rVB	583029	459798	1.78%	0.606%
13	9.869	1319	1323	1327	rVB	1358171	1155229	4.46%	1.523%
14	10.292	1390	1395	1398	rBV	624234	604572	2.34%	0.797%
15	10.516	1428	1433	1439	rVB	187242	270684	1.05%	0.357%
16	10.657	1455	1457	1468	rVB	871695	868900	3.36%	1.146%
17	10.769	1473	1476	1485	rVB	556533	644484	2.49%	0.850%
18	11.216	1548	1552	1554	rBV	475600	412216	1.59%	0.544%
19	11.357	1572	1576	1578	rBV	1140490	974794	3.77%	1.286%
20	11.380	1578	1580	1587	rVB	331481	329669	1.27%	0.435%
21	11.639	1621	1624	1627	rBV	409810	350615	1.35%	0.462%
22	11.751	1638	1643	1646	rVB	7985435	7913069	30.57%	10.436%
23	12.045	1690	1693	1699	rVB	305972	347484	1.34%	0.458%
24	12.451	1752	1762	1764	rBV	12525394	25882119	100.00%	34.133%
25	12.469	1764	1765	1770	rVV2	11920176	10541124	40.73%	13.901%
26	12.539	1773	1777	1780	rVB	3872367	3406794	13.16%	4.493%
27	12.574	1780	1783	1785	rBV	955707	1001016	3.87%	1.320%
28	12.592	1785	1786	1793	rVB	694958	668620	2.58%	0.882%
29	12.804	1819	1822	1829	rVB	660807	727305	2.81%	0.959%
30	12.939	1841	1845	1848	rBV	1604431	1323316	5.11%	1.745%
31	13.127	1872	1877	1881	rVB3	234415	372527	1.44%	0.491%
32	13.180	1884	1886	1892	rVB3	280286	352894	1.36%	0.465%
33	13.257	1893	1899	1903	rBV2	419379	472947	1.83%	0.624%
34	13.363	1914	1917	1921	rBV2	259352	270983	1.05%	0.357%

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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

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

35	13.921	2009	2012	2018	rVB	382157	328067	1.27%	0.433%
36	13.998	2020	2025	2028	rVV2	1021863	1222356	4.72%	1.612%
37	14.439	2096	2100	2106	rBV5	155199	300514	1.16%	0.396%
38	14.868	2169	2173	2183	rBV	1043355	1543346	5.96%	2.035%
39	15.045	2199	2203	2206	rBV	209059	311123	1.20%	0.410%
40	15.468	2270	2275	2279	rBV	532259	700561	2.71%	0.924%

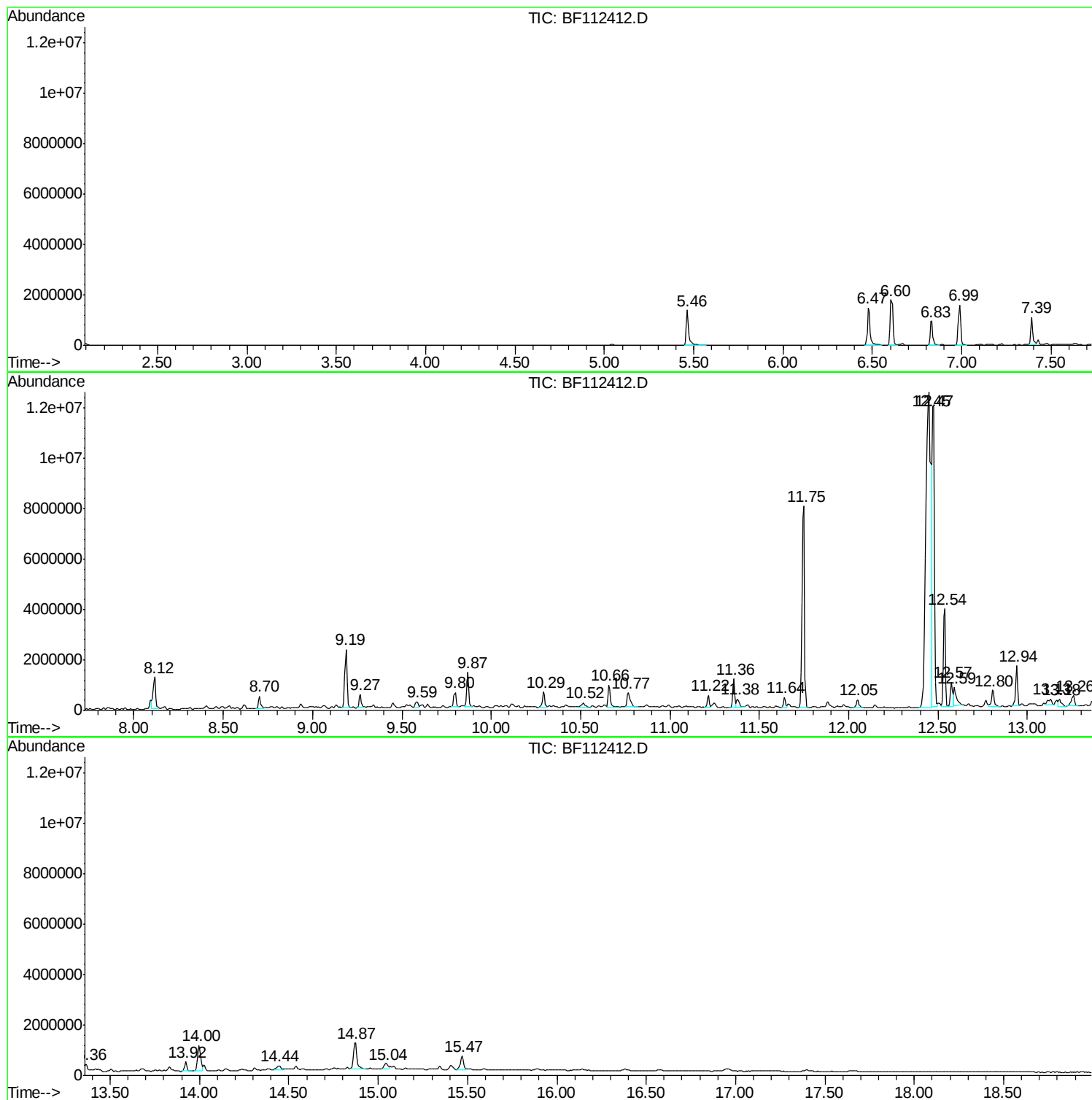
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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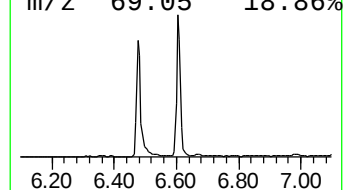
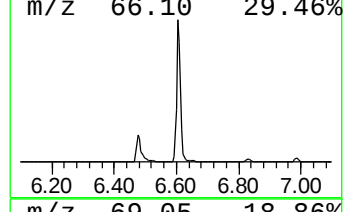
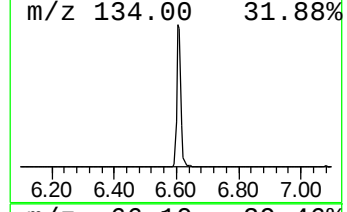
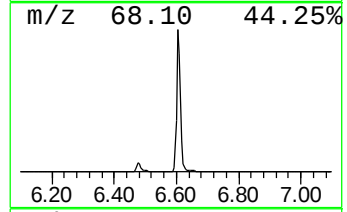
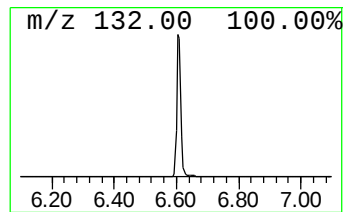
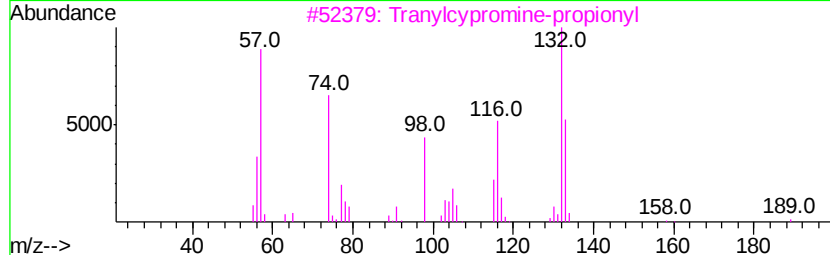
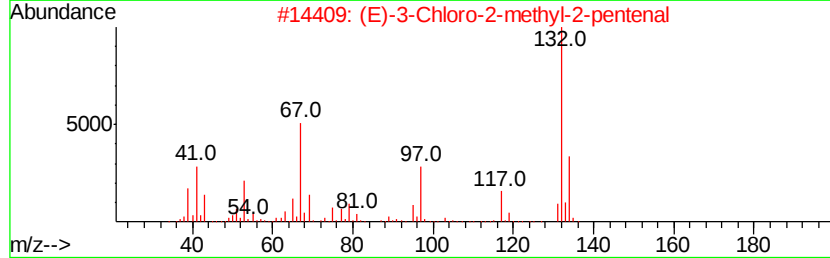
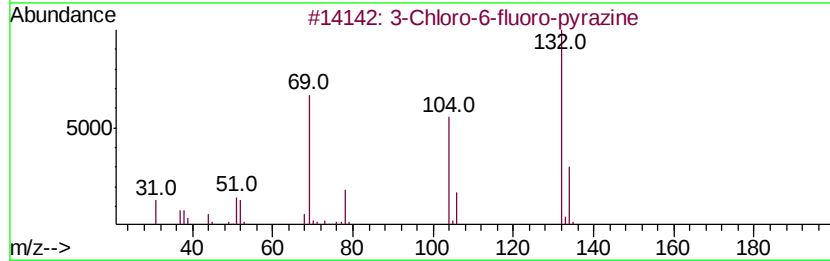
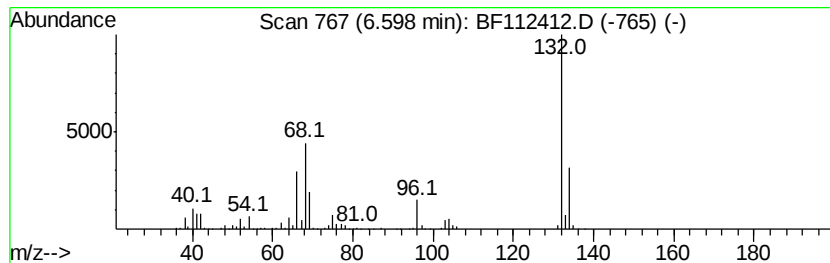
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	35.22 ng	1656280	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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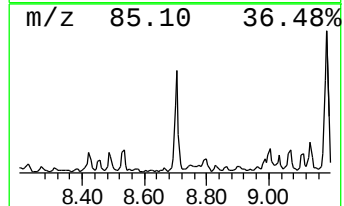
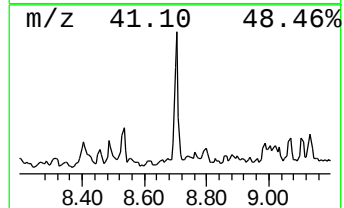
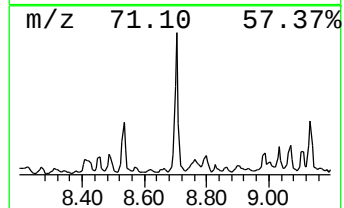
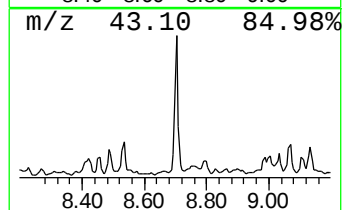
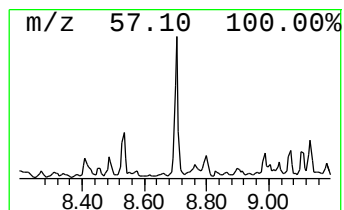
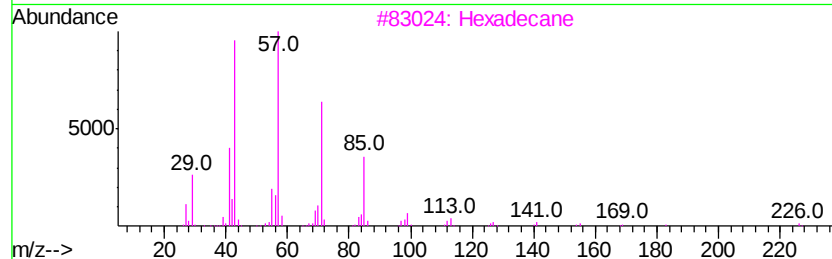
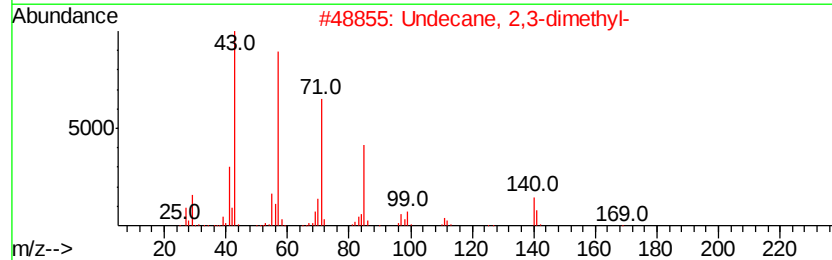
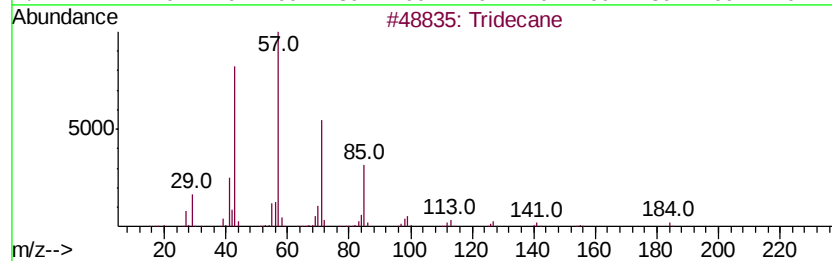
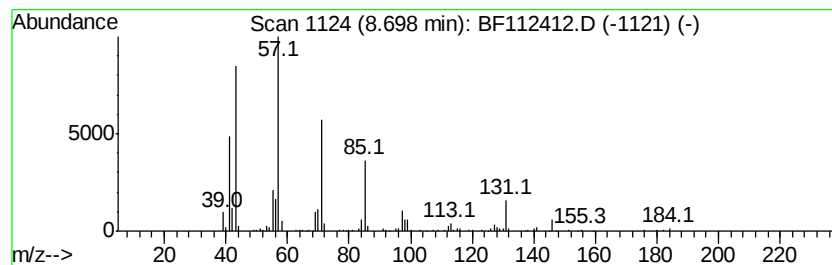
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Peak Number 3 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.70	7.05 ng	412676	Naphthalene-d8	8.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
3	Hexadecane	226	C16H34	000544-76-3	68
4	Pentadecane	212	C15H32	000629-62-9	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60



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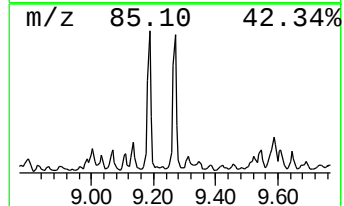
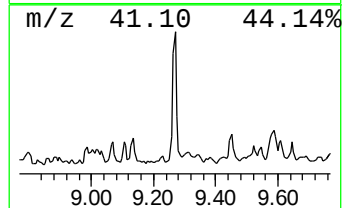
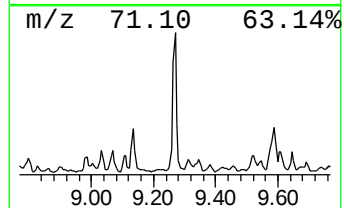
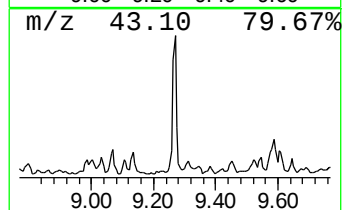
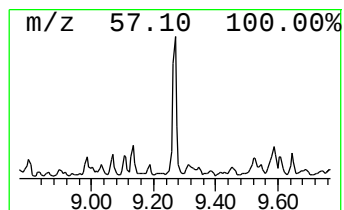
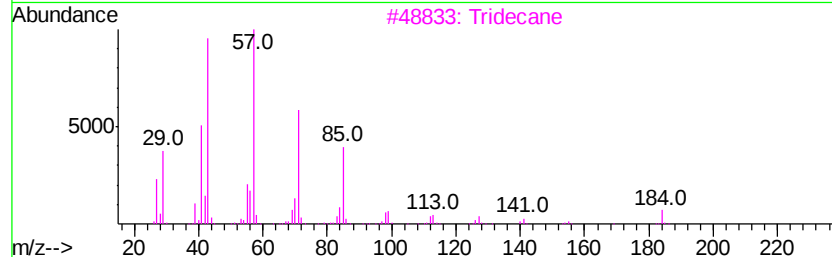
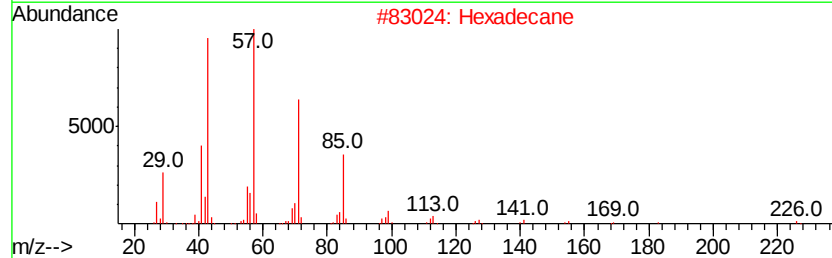
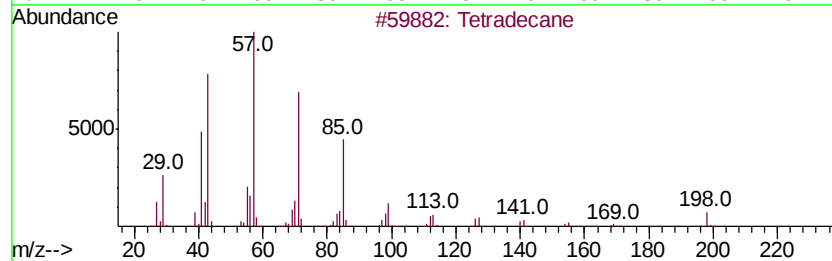
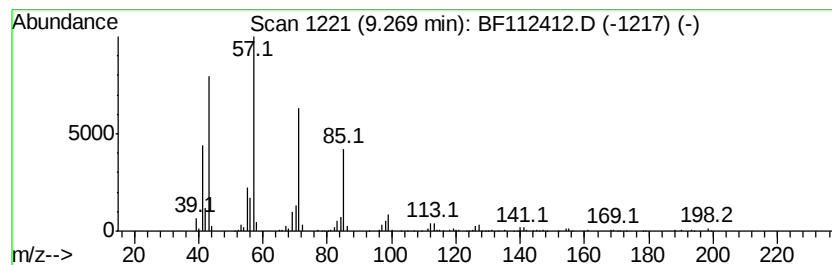
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	8.21 ng	474180	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	91
4		Dodecane	170	C12H26	000112-40-3	90
5		10-Methylnonadecane	282	C20H42	056862-62-5	86



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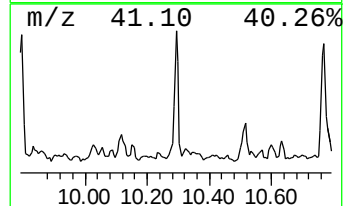
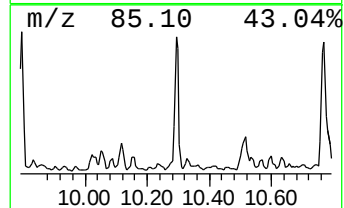
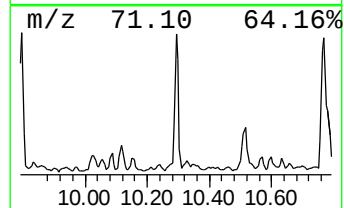
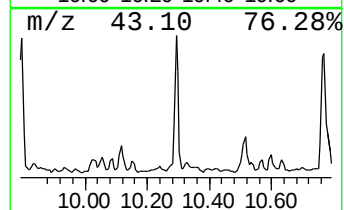
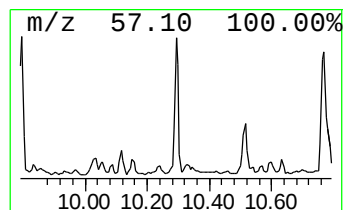
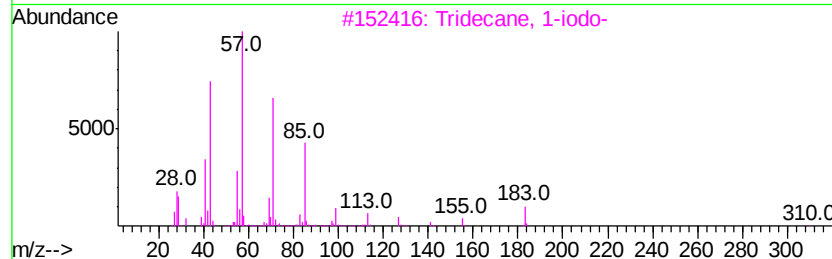
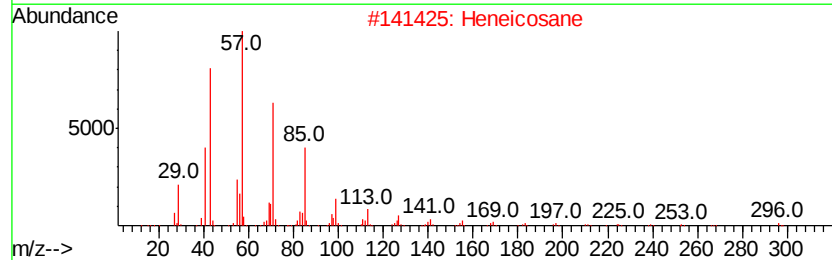
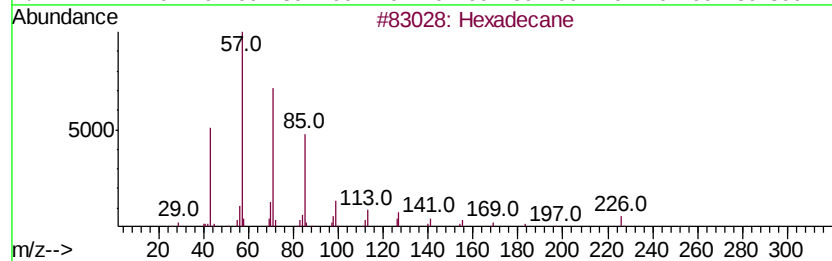
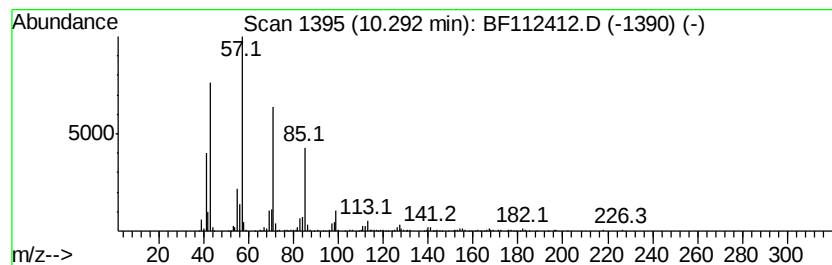
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	10.47 ng	604572	Acenaphthene-d10	9.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
4	Tetradecane		198	C14H30	000629-59-4	87
5	Octadecane		254	C18H38	000593-45-3	86



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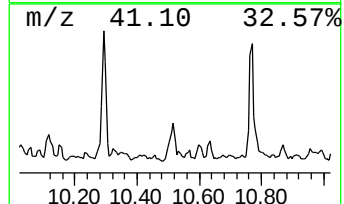
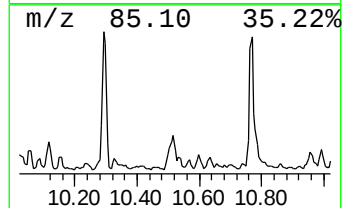
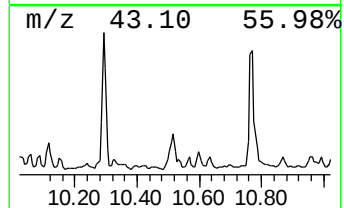
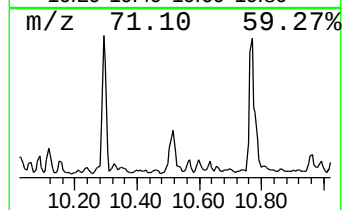
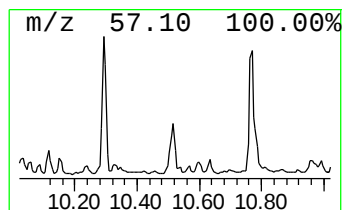
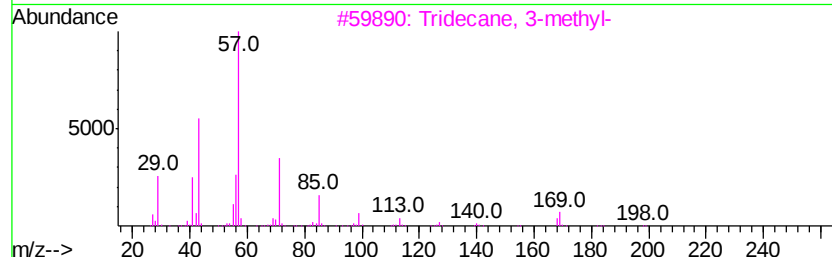
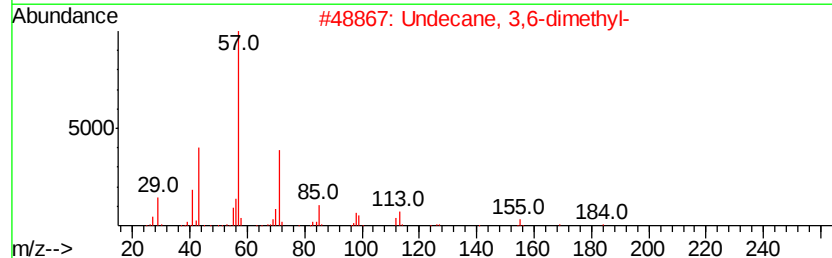
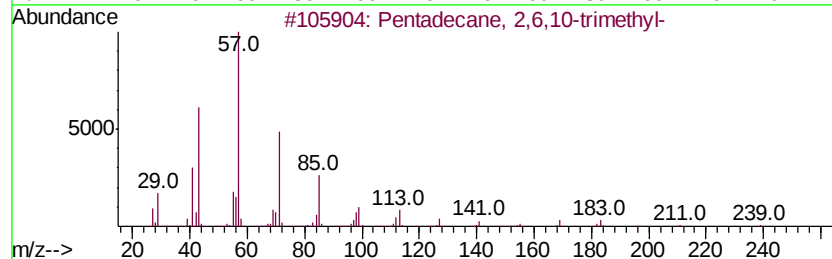
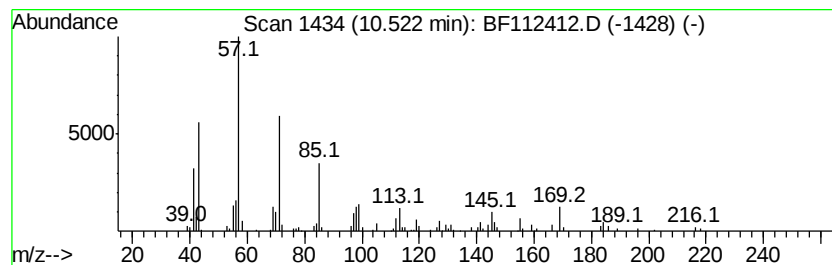
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.69 ng	270684	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
5		Eicosane	282	C20H42	000112-95-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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 Acq On : 5 Feb 2019 22:44
 Operator : JU/SJ
 Sample : K1350-01 2X
 Misc :
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Instrument :
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 ClientSampleId :
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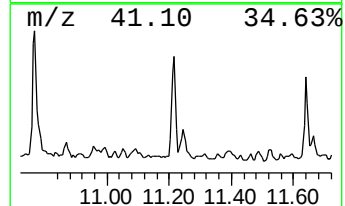
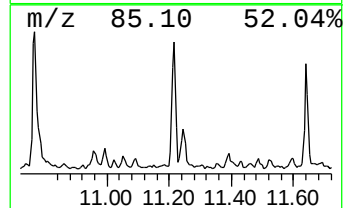
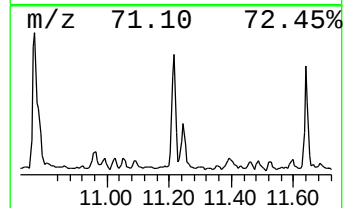
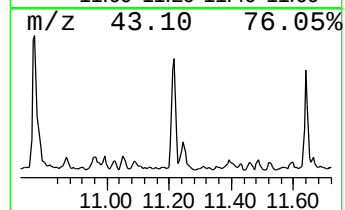
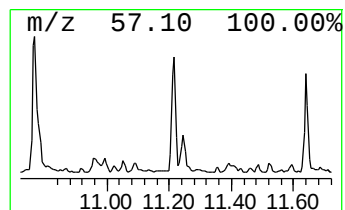
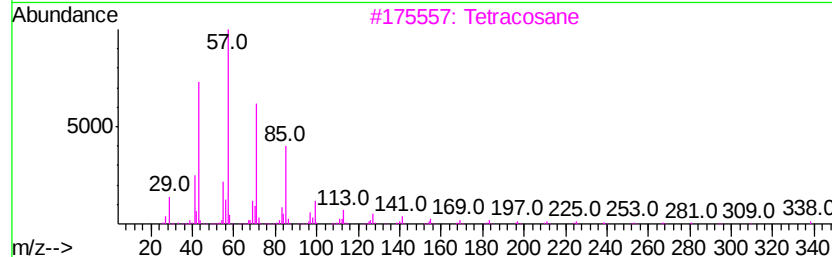
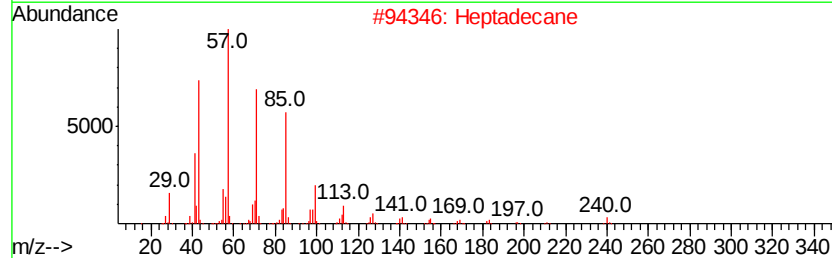
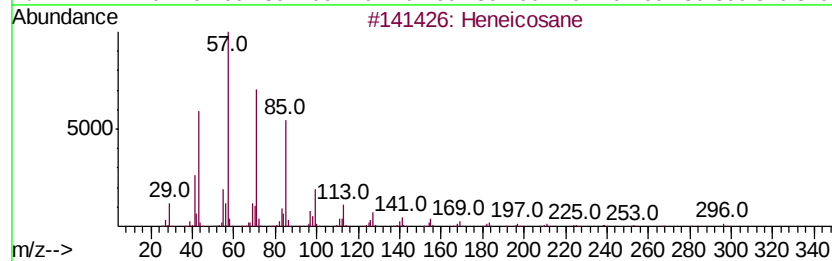
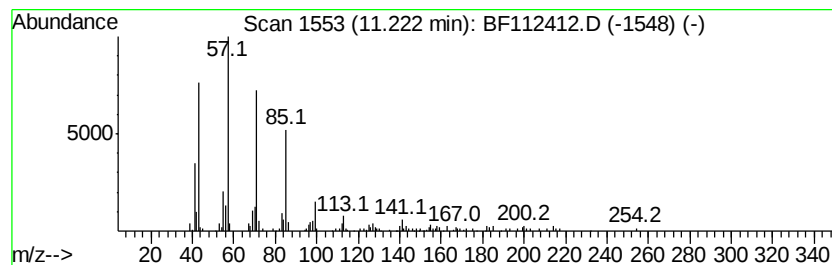
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	8.46 ng	412216	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Tetracosane		338	C24H50	000646-31-1	87
4	Hexadecane		226	C16H34	000544-76-3	87
5	Tetradecane		198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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ClientSampleId :
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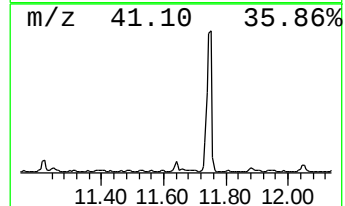
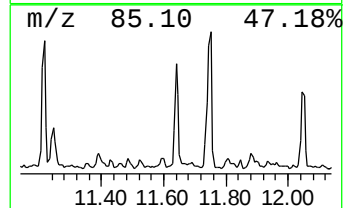
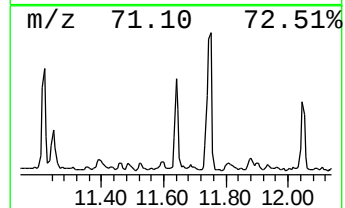
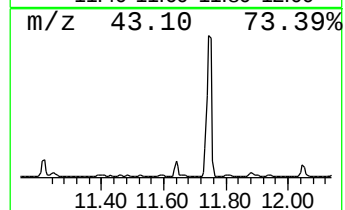
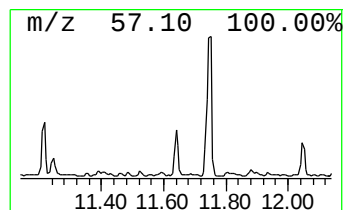
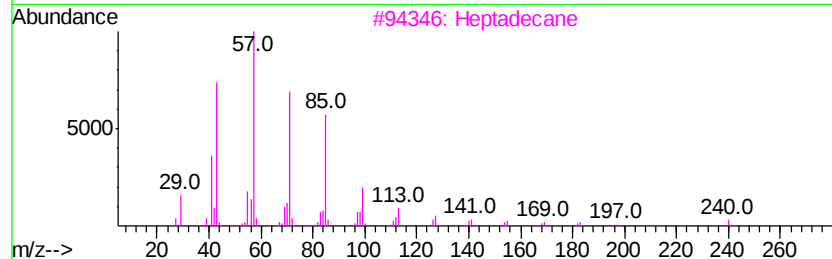
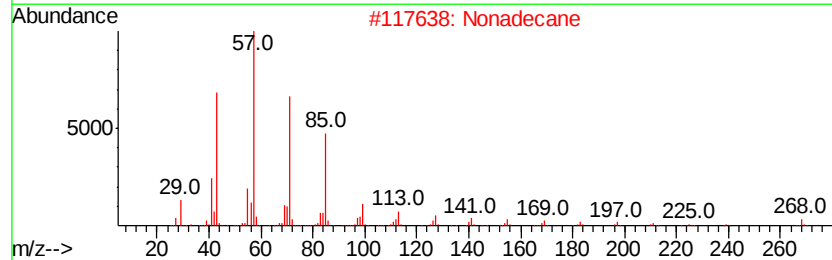
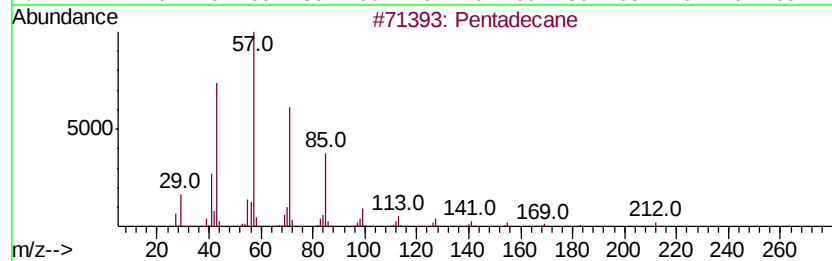
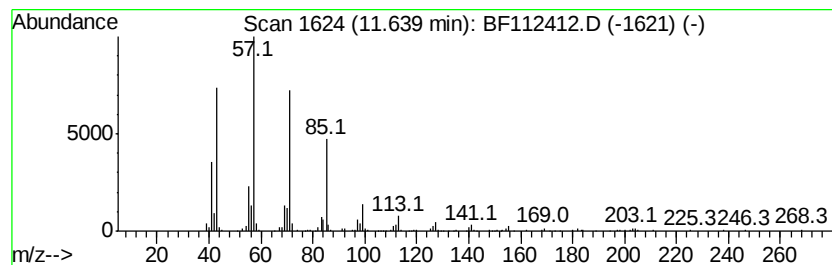
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	7.19 ng	350615	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Decane, 5-propyl-	184	C13H28	017312-62-8	90
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112412.D
Acq On : 5 Feb 2019 22:44
Operator : JU/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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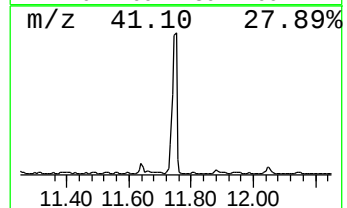
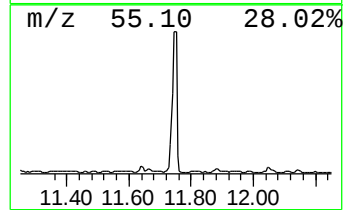
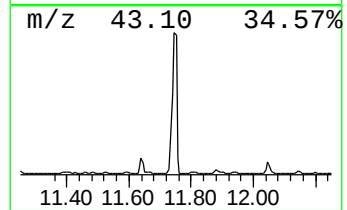
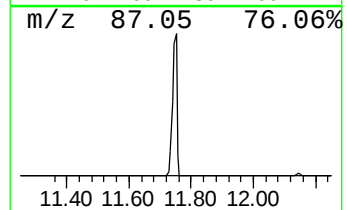
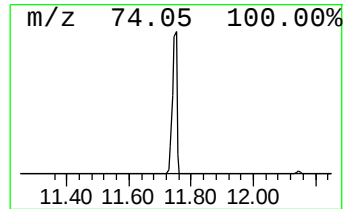
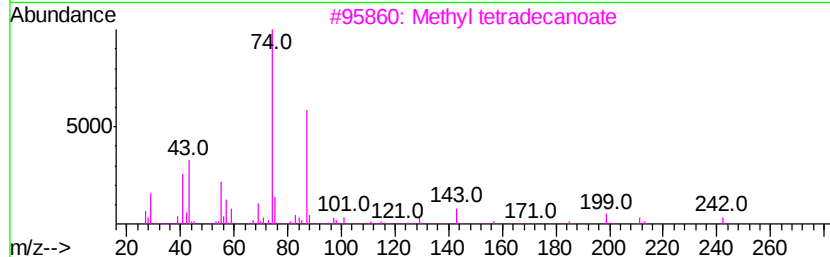
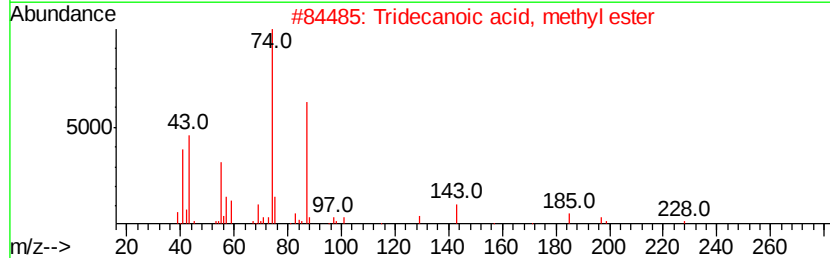
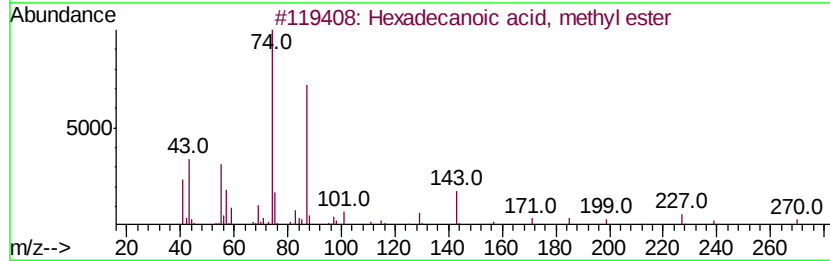
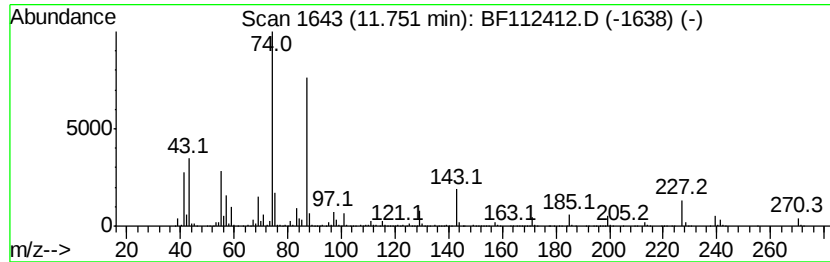
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	162.35 ng	7913070	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	90
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112412.D
Acq On : 5 Feb 2019 22:44
Operator : JU/SJ
Sample : K1350-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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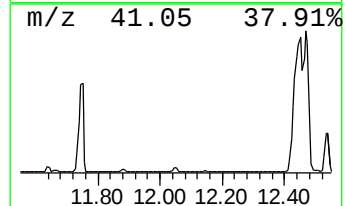
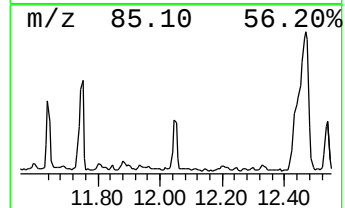
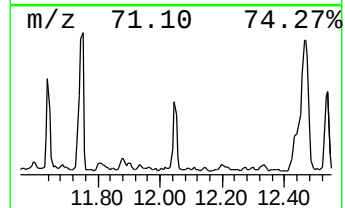
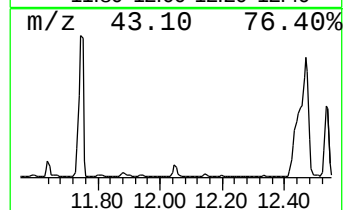
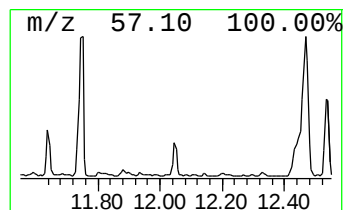
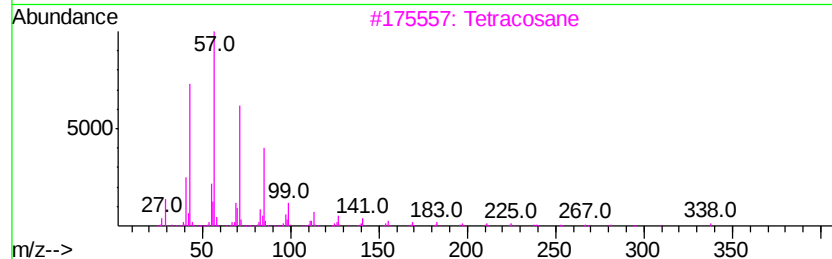
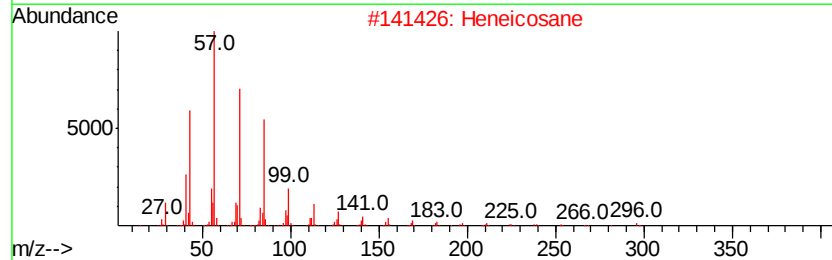
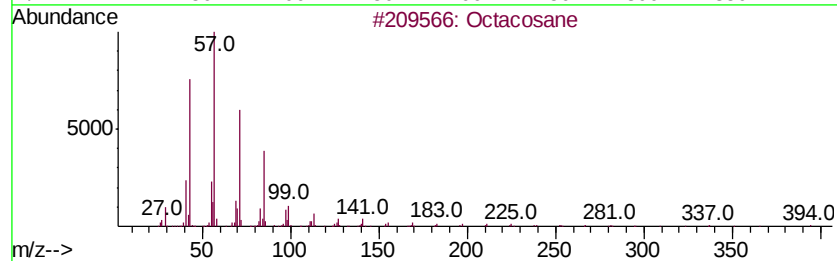
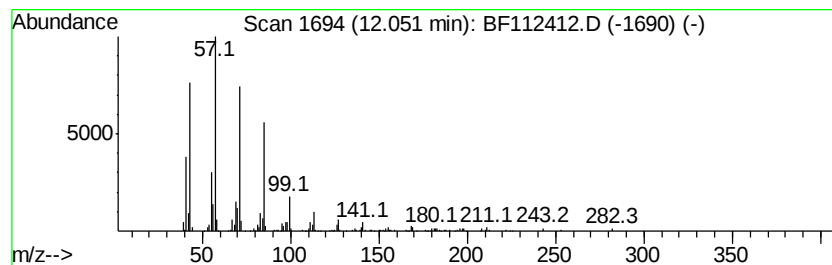
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.13 ng	347484	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octadecane	254	C18H38	000593-45-3	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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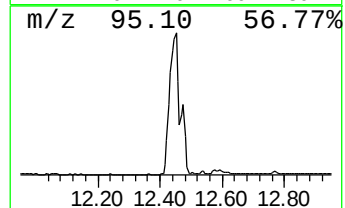
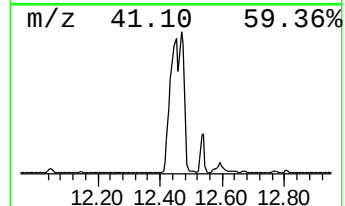
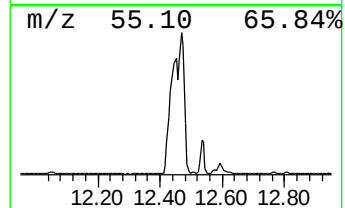
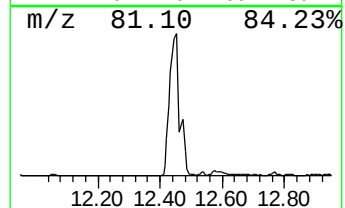
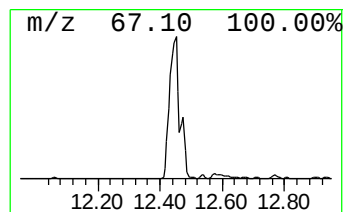
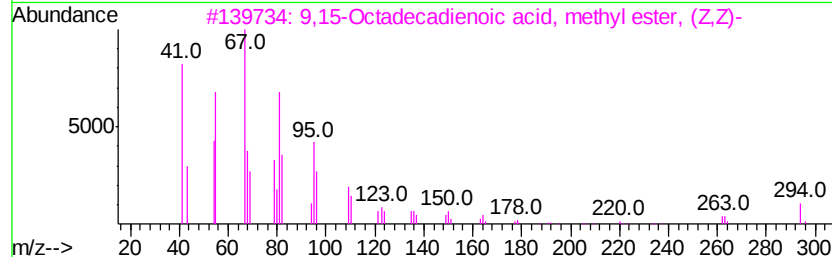
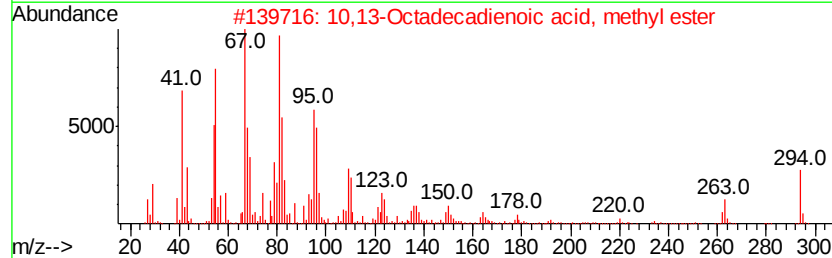
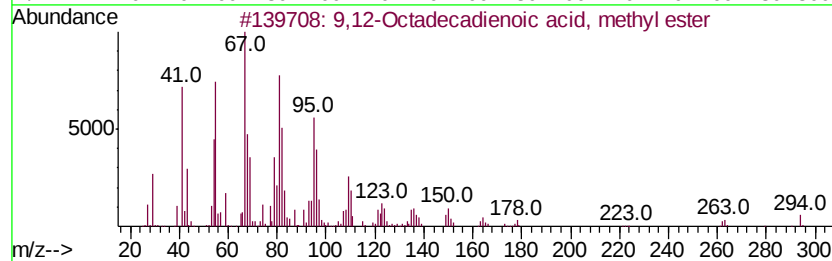
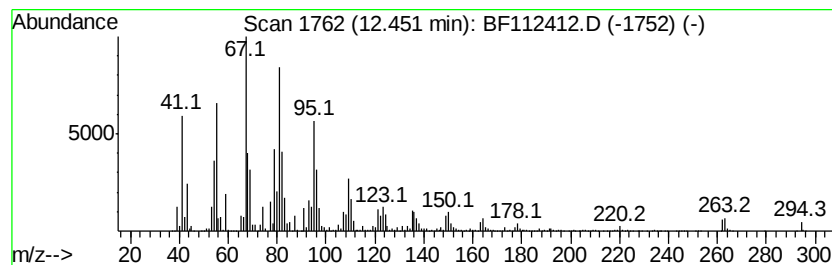
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.45	531.03 ng	25882100	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methv...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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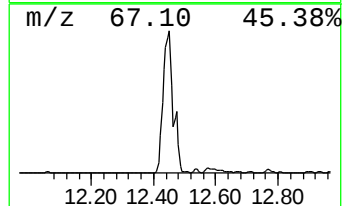
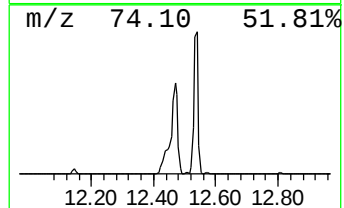
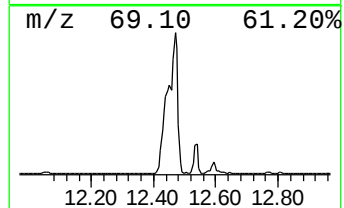
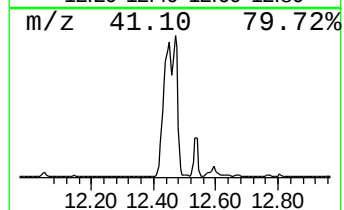
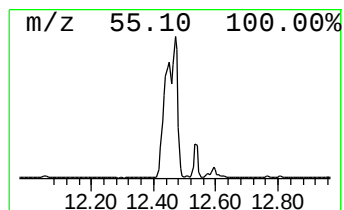
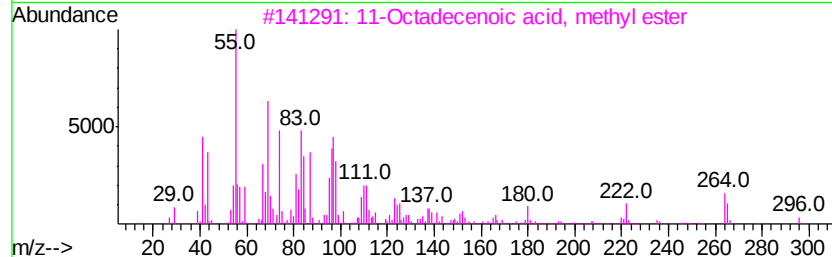
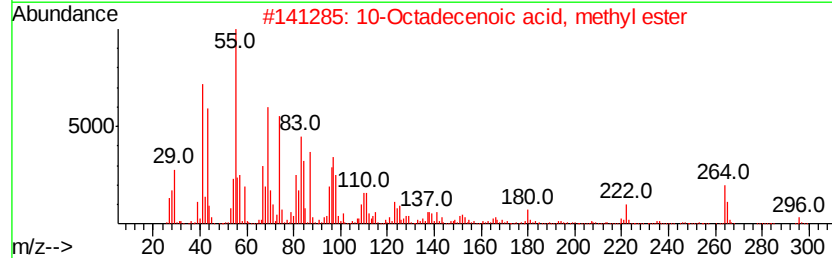
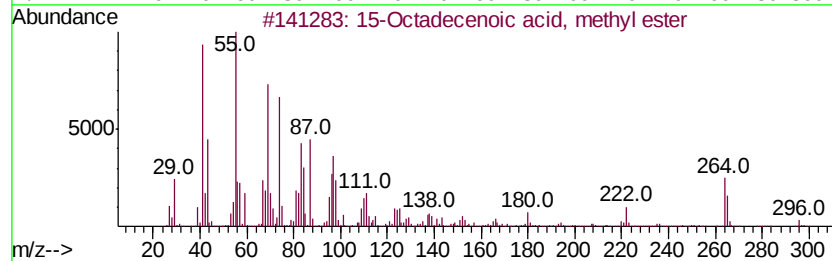
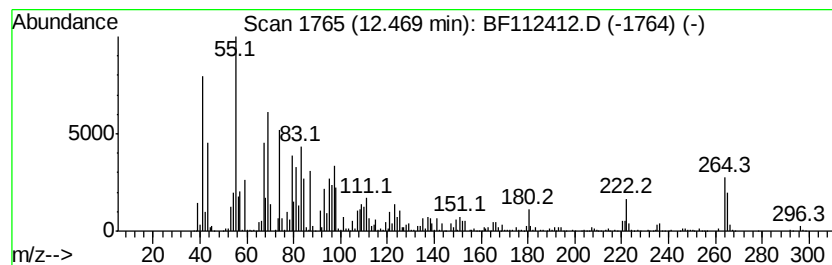
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 15-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	216.27 ng	10541100	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	98
3		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	98
4		cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	98
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112412.D
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Operator : JU/SJ
Sample : K1350-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

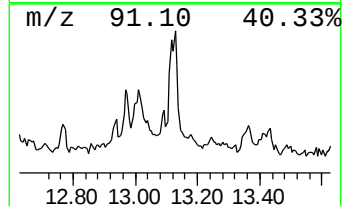
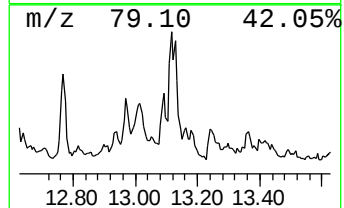
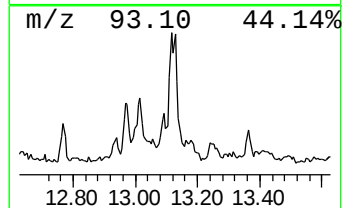
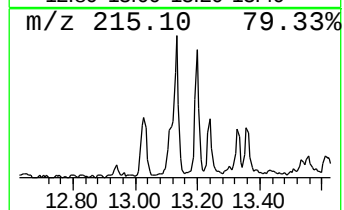
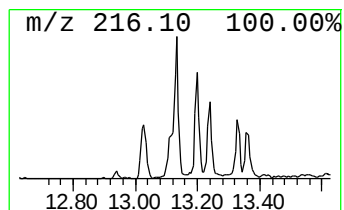
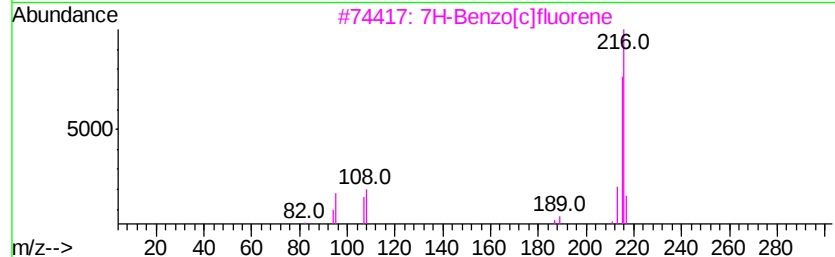
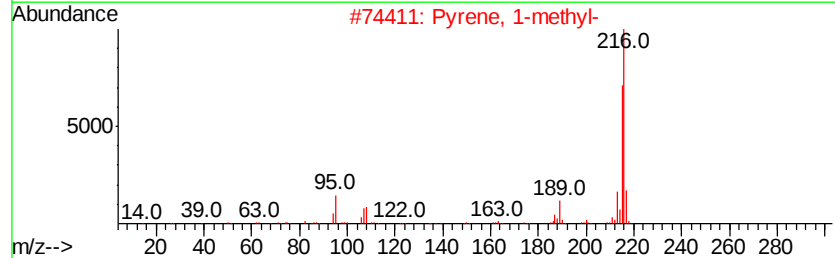
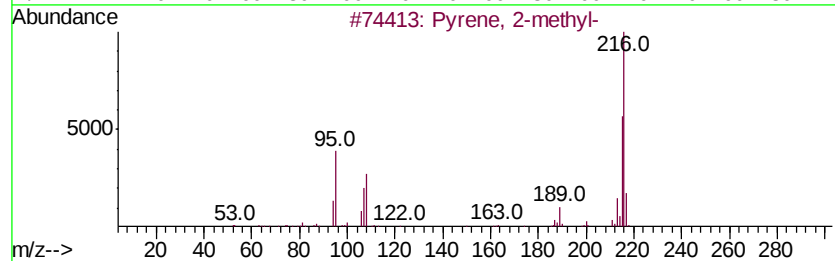
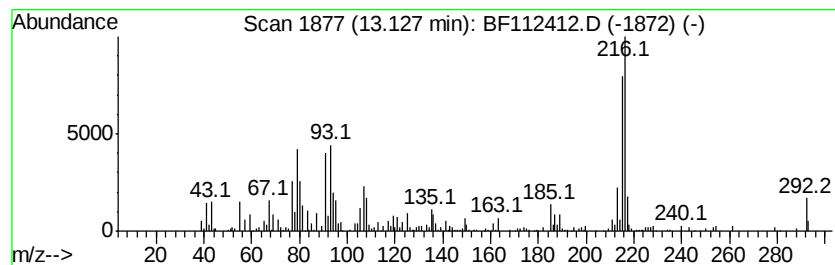
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ClientSampleId :
EO-03-020419-A

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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 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.13	6.10 ng	372527	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	60
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112412.D
Acq On : 5 Feb 2019 22:44
Operator : JU/SJ
Sample : K1350-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

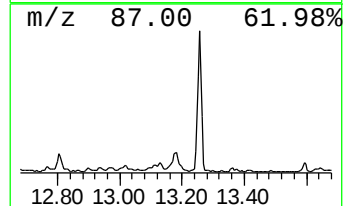
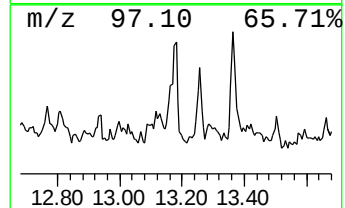
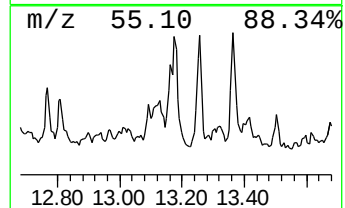
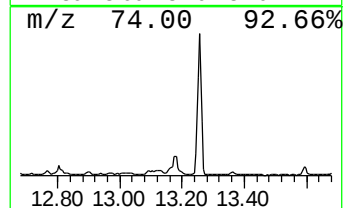
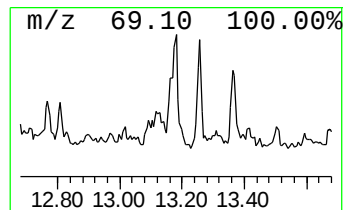
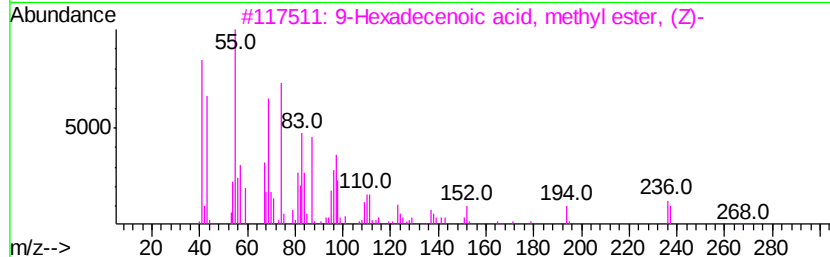
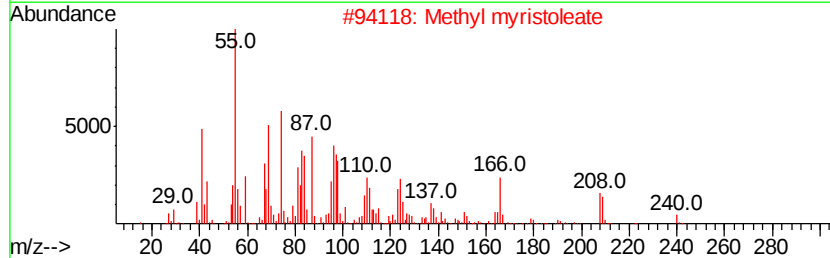
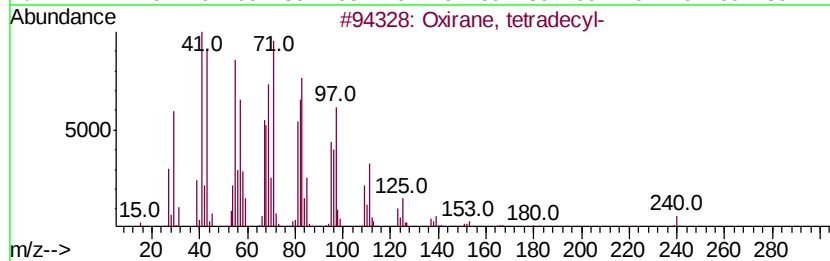
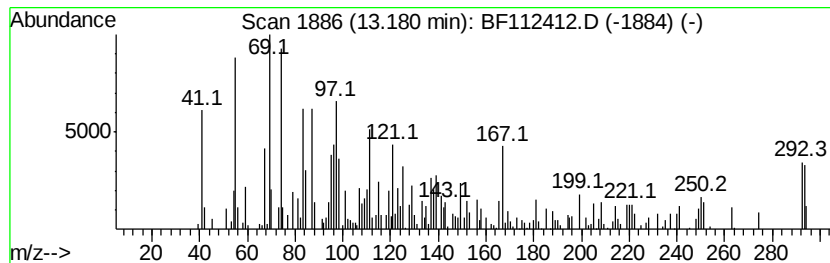
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BNA_F
ClientSampled :
EO-03-020419-A

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 16 Oxirane, tetradecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.18	5.77 ng	352894	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	93
2	Methyl myristoleate	240	C15H28O2	056219-06-8	51
3	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	43
4	Oxiraneundecanoic acid, 3-pentyl...	312	C19H36O3	038520-30-8	43
5	Cyclopropanepentanoic acid, 2-un...	310	C20H38O2	042199-20-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112412.D
Acq On : 5 Feb 2019 22:44
Operator : JU/SJ
Sample : K1350-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

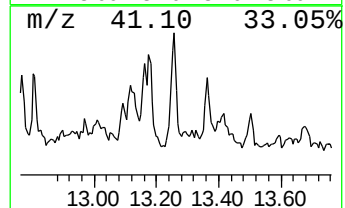
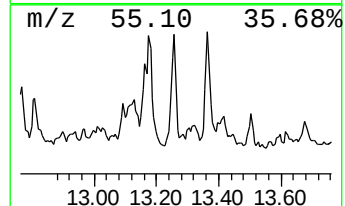
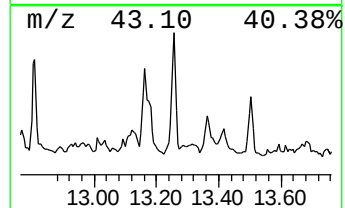
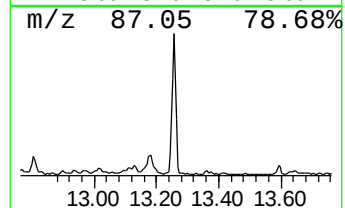
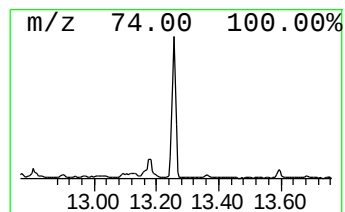
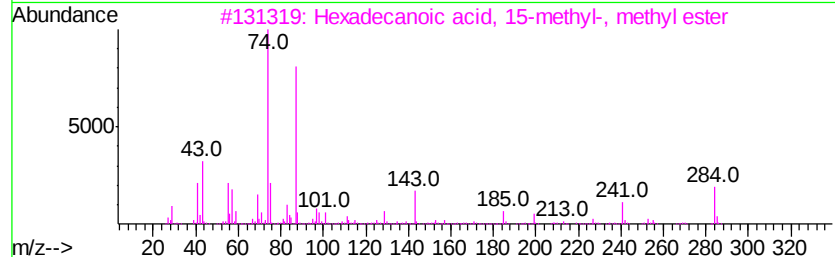
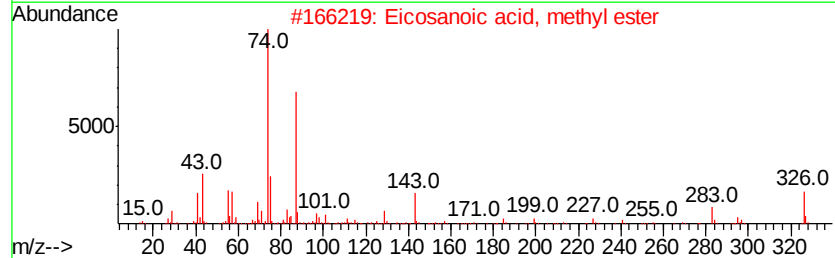
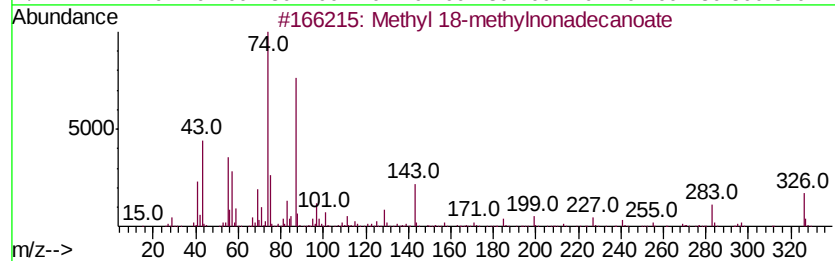
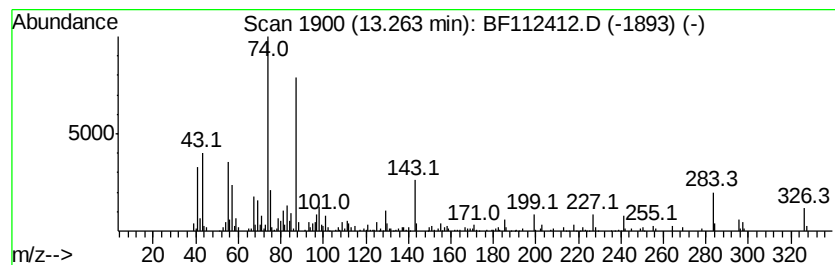
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Methyl 18-methylnonadecanoate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.26	7.74 ng	472947	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl	18-methylnonadecanoate	326	C21H42O2	1000352-20-6	96
2	Eicosanoic acid,	methyl ester	326	C21H42O2	001120-28-1	96
3	Hexadecanoic acid,	15-methyl-, m...	284	C18H36O2	006929-04-0	96
4	Heptadecanoic acid,	methyl ester	284	C18H36O2	001731-92-6	95
5	Heptadecanoic acid,	16-methyl-, ...	298	C19H38O2	005129-61-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112412.D
Acq On : 5 Feb 2019 22:44
Operator : JU/SJ
Sample : K1350-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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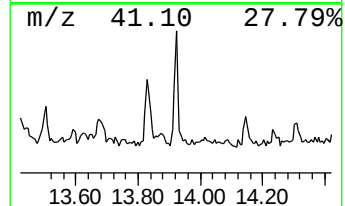
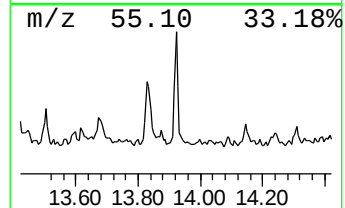
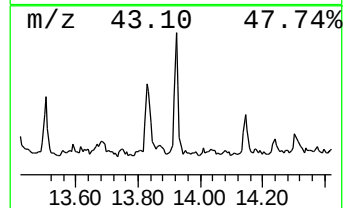
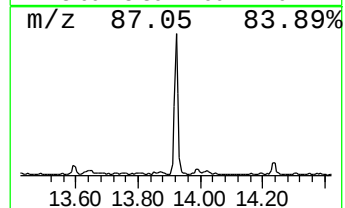
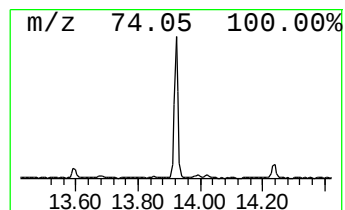
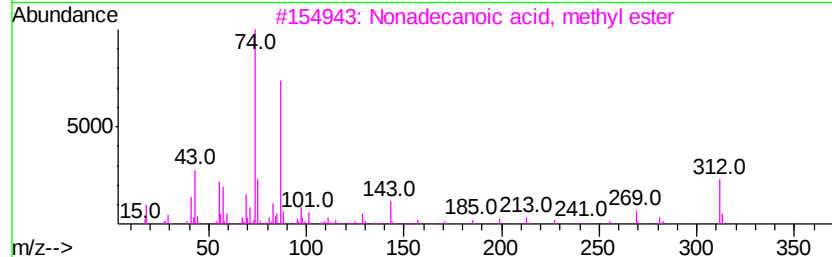
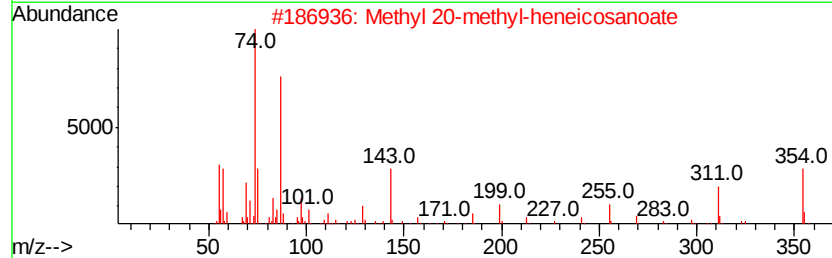
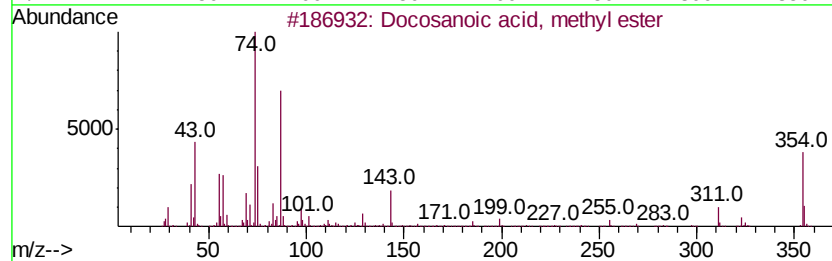
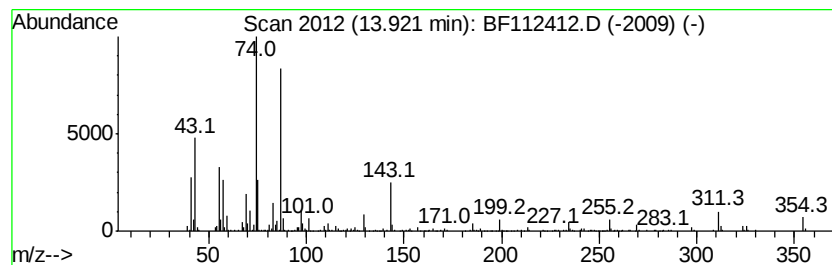
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	5.37 ng	328067	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2			Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
3			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Methyl stearate	298	C19H38O2	000112-61-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112412.D
Acq On : 5 Feb 2019 22:44
Operator : JU/SJ
Sample : K1350-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

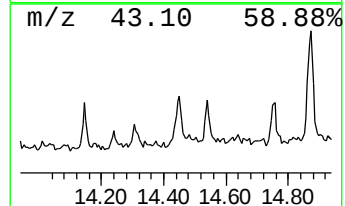
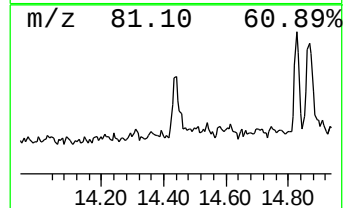
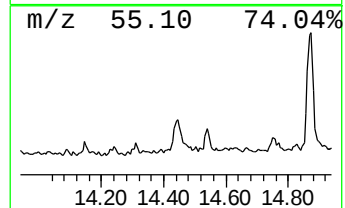
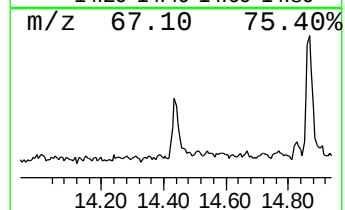
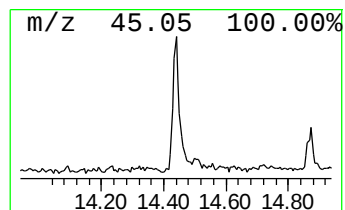
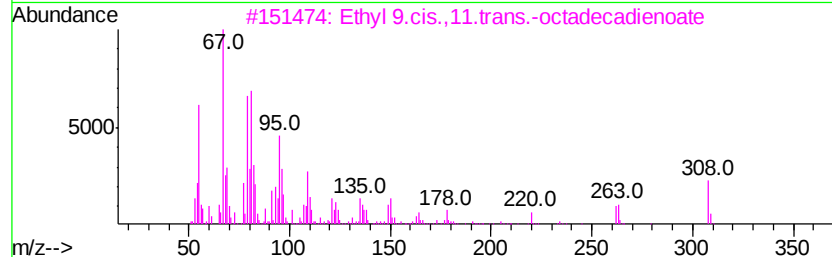
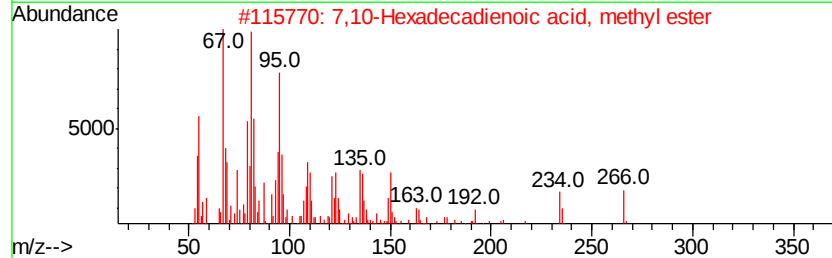
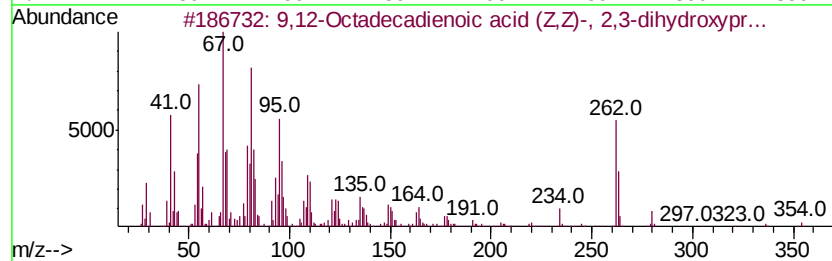
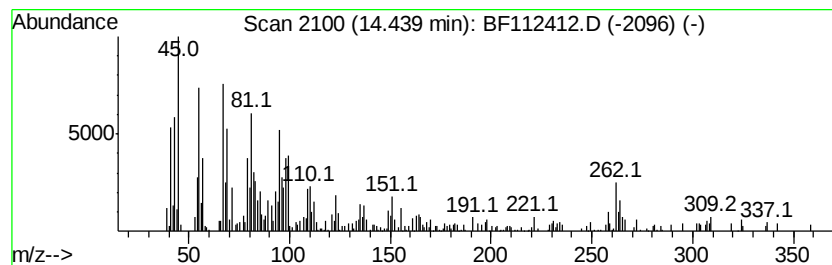
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.44	4.92 ng	300514	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	002277-28-3	55	
2	7,10-Hexadecadienoic acid, methy...	266	C17H30O2	016106-03-9	49	
3	Ethyl 9.cis.,11.trans.-octadecad...	308	C20H36O2	1000336-69-8	49	
4	1H-Indene, 2-butyl-5-hexyloctahv...	264	C19H36	055044-33-2	46	
5	9,12-Octadecadienoyl chloride, (...	298	C18H31ClO	007459-33-8	45	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112412.D
Acq On : 5 Feb 2019 22:44
Operator : JU/SJ
Sample : K1350-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-020419-A

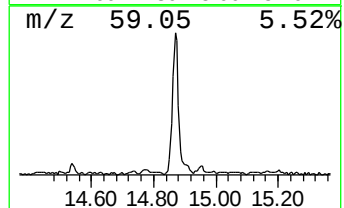
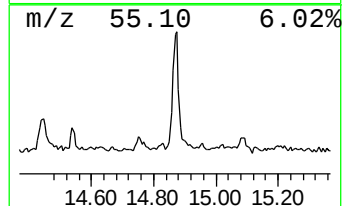
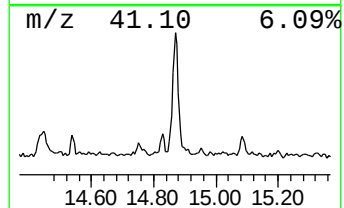
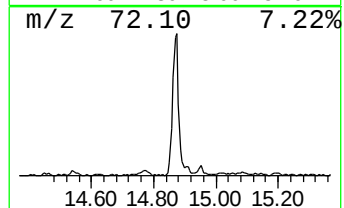
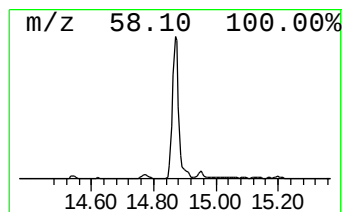
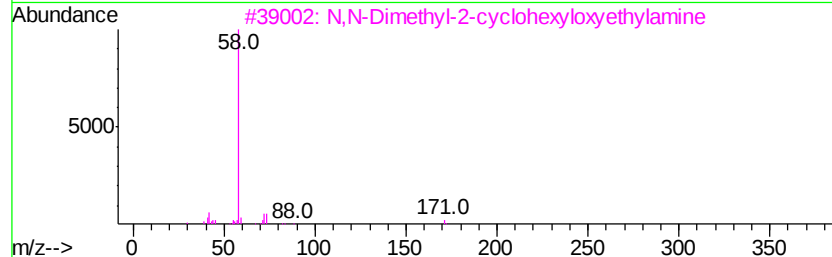
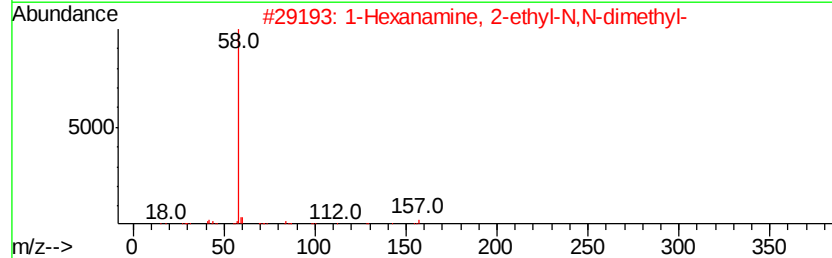
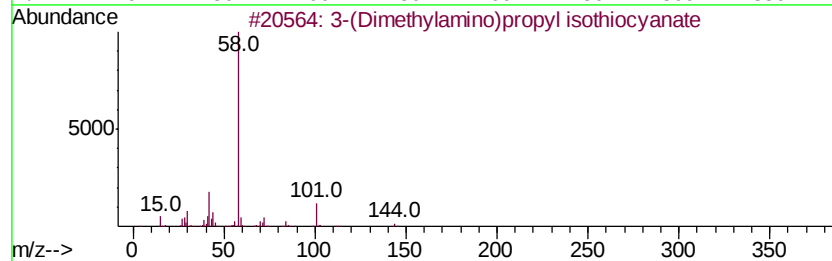
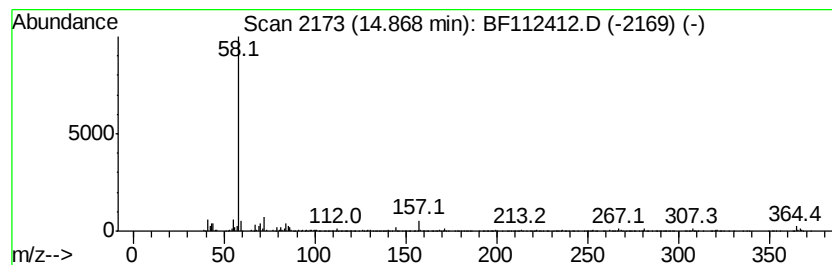
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-(Dimethylamino)propyl iso... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	44.06 ng	1543350	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(Dimethylamino)propyl isothiocy...	144	C6H12N2S	027421-70-1	72
2		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3		N,N-Dimethyl-2-cyclohexyloxvethv...	171	C10H21NO	071126-60-8	64
4		Isothiazole-4-carbonitrile, 3,5-...	316	C12H20N4S3	340816-58-2	64
5		n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112412.D
 Acq On : 5 Feb 2019 22:44
 Operator : JU/SJ
 Sample : K1350-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-020419-A

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
unknown6.60	6.60	35.2	ng	1656280	1	6.83	940628	20.0
Tridecane	8.70	7.0	ng	412676	2	8.12	1170190	20.0
Tetradecane	9.27	8.2	ng	474180	3	9.87	1155230	20.0
Hexadecane	10.29	10.5	ng	604572	3	9.87	1155230	20.0
Pentadecane, 2,6,...	10.52	4.7	ng	270684	3	9.87	1155230	20.0
Heneicosane	11.22	8.5	ng	412216	4	11.36	974794	20.0
Pentadecane	11.64	7.2	ng	350615	4	11.36	974794	20.0
Hexadecanoic acid...	11.75	162.3	ng	7913070	4	11.36	974794	20.0
Octacosane	12.05	7.1	ng	347484	4	11.36	974794	20.0
9,12-Octadecadien...	12.45	531.0	ng	25882100	4	11.36	974794	20.0
15-Octadecenoic a...	12.47	216.3	ng	10541100	4	11.36	974794	20.0
Pyrene, 2-methyl-	13.13	6.1	ng	372527	5	14.00	1222360	20.0
Oxirane, tetradecyl-	13.18	5.8	ng	352894	5	14.00	1222360	20.0
Methyl 18-methyln...	13.26	7.7	ng	472947	5	14.00	1222360	20.0
Docosanoic acid, ...	13.92	5.4	ng	328067	5	14.00	1222360	20.0
9,12-Octadecadien...	14.44	4.9	ng	300514	5	14.00	1222360	20.0
3-(Dimethylamino)...	14.87	44.1	ng	1543350	6	15.47	700561	20.0