

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070919\
 Data File : BF115446.D
 Acq On : 9 Jul 2019 21:12
 Operator : HP/JU
 Sample : K3694-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GC-SOIL-PILE

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-BF070519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	14	21	29	rBV	1314187	1771277	57.85%	5.322%
2	5.516	578	583	586	rBV	2819908	2795674	91.30%	8.399%
3	6.516	748	753	756	rBV	2673988	2921899	95.42%	8.779%
4	6.663	773	778	781	rBV	3251051	3062038	100.00%	9.200%
5	6.893	814	817	821	rVB	1187164	995837	32.52%	2.992%
6	7.051	840	844	847	rBV	2708657	2314333	75.58%	6.953%
7	7.451	907	912	915	rBV	2113939	1901229	62.09%	5.712%
8	8.175	1031	1035	1038	rBV	1591727	1273796	41.60%	3.827%
9	9.251	1213	1218	1221	rBV	3401603	2946008	96.21%	8.851%
10	9.639	1280	1284	1298	rVB	774382	650865	21.26%	1.955%
11	9.928	1326	1333	1337	rBV	1683759	1527034	49.87%	4.588%
12	10.716	1462	1467	1477	rBV	1947927	2014349	65.78%	6.052%
13	11.410	1581	1585	1589	rBV	1759800	1546747	50.51%	4.647%
14	11.939	1671	1675	1683	rBV2	246516	284262	9.28%	0.854%
15	12.727	1805	1809	1822	rBV	97962	123134	4.02%	0.370%
16	12.886	1833	1836	1846	rVB	55318	81783	2.67%	0.246%
17	13.010	1852	1857	1860	rBV	2456893	2383016	77.82%	7.160%
18	13.204	1887	1890	1892	rBV2	38081	38981	1.27%	0.117%
19	13.257	1895	1899	1902	rVB	33634	38417	1.25%	0.115%
20	13.616	1957	1960	1963	rVB	44294	36045	1.18%	0.108%
21	13.804	1990	1992	1995	rBV	38786	33019	1.08%	0.099%
22	13.974	2016	2021	2038	rBV	201240	402661	13.15%	1.210%
23	14.121	2042	2046	2056	rVV	1062494	1060801	34.64%	3.187%
24	14.327	2077	2081	2084	rBV	89442	90100	2.94%	0.271%
25	14.674	2136	2140	2143	rBV	152256	148862	4.86%	0.447%
26	15.021	2195	2199	2204	rBV	194603	200200	6.54%	0.601%
27	15.104	2209	2213	2217	rVB	101903	100476	3.28%	0.302%
28	15.380	2255	2260	2265	rBV	265752	320353	10.46%	0.962%
29	15.710	2310	2316	2323	rBV	848880	1118184	36.52%	3.359%
30	15.780	2323	2328	2338	rVB	245235	341556	11.15%	1.026%
31	15.980	2359	2362	2367	rVB3	24198	35002	1.14%	0.105%
32	16.233	2399	2405	2411	rBV	238464	382332	12.49%	1.149%
33	16.310	2413	2418	2421	rBV7	25760	48067	1.57%	0.144%
34	16.757	2488	2494	2502	rBV	120003	214871	7.02%	0.646%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.374	2594	2599	2605	rVB3	42879	81397	2.66%	0.245%
----	--------	------	------	------	------	-------	-------	-------	--------

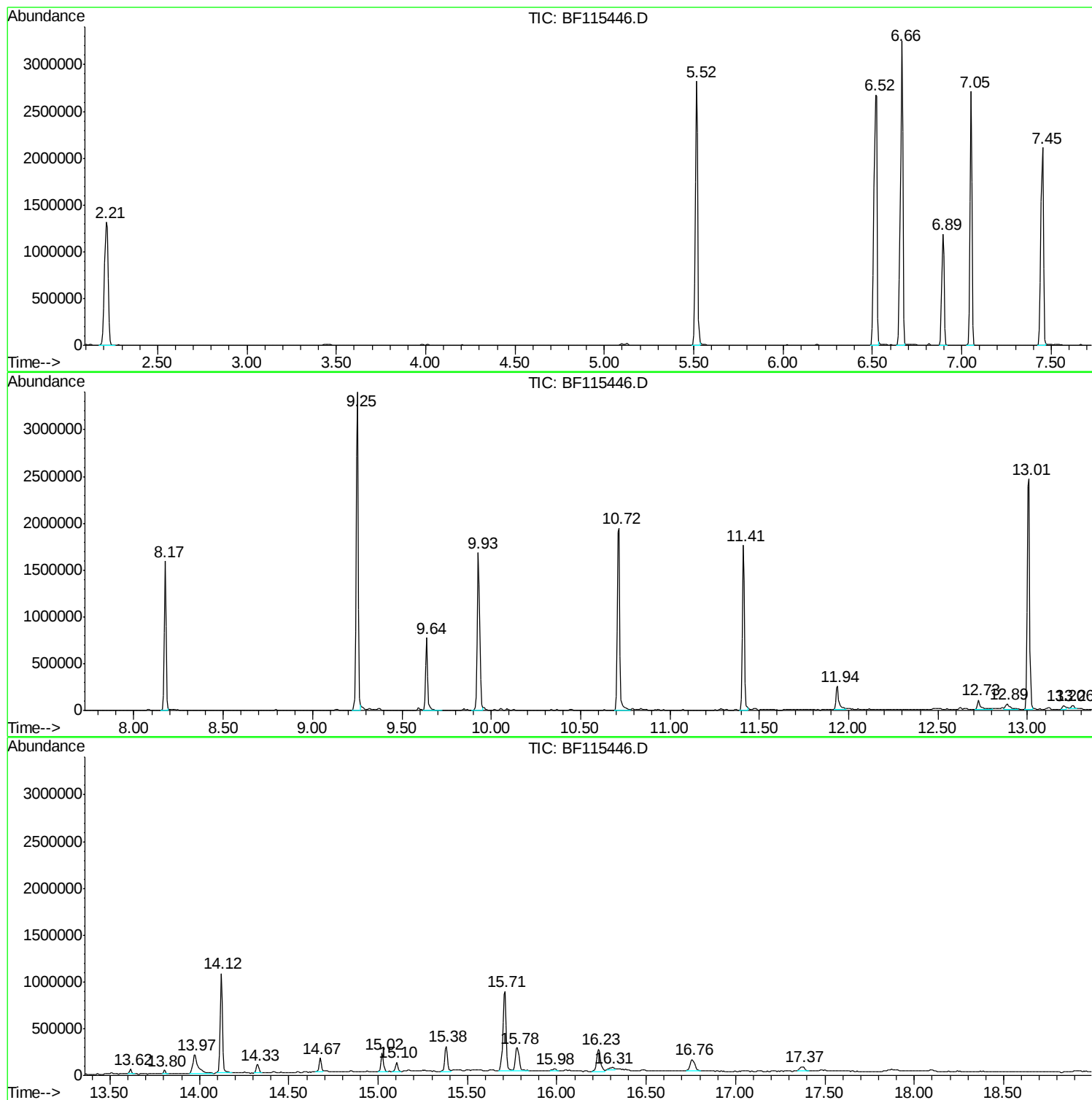
Sum of corrected areas: 33284605

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
GC-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

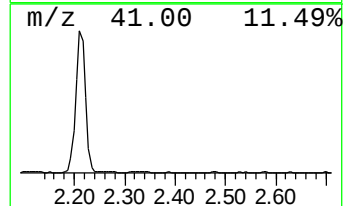
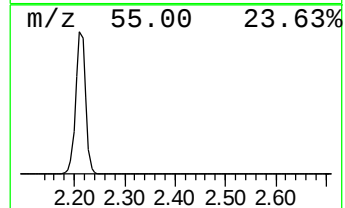
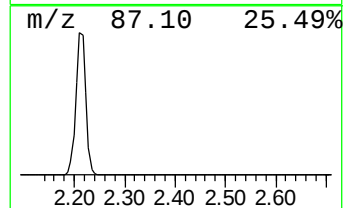
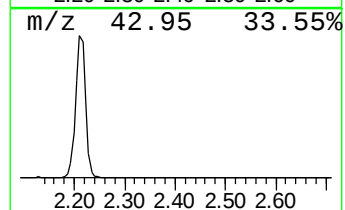
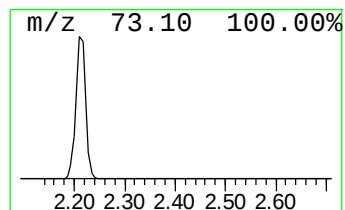
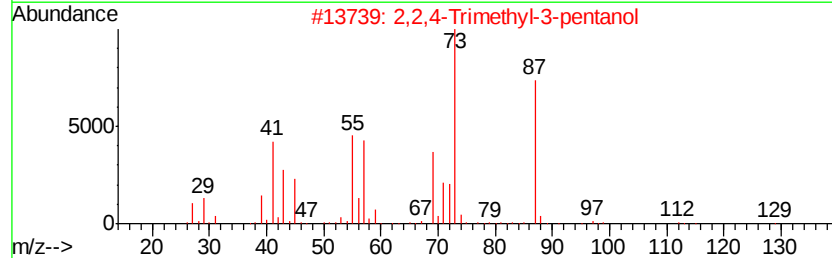
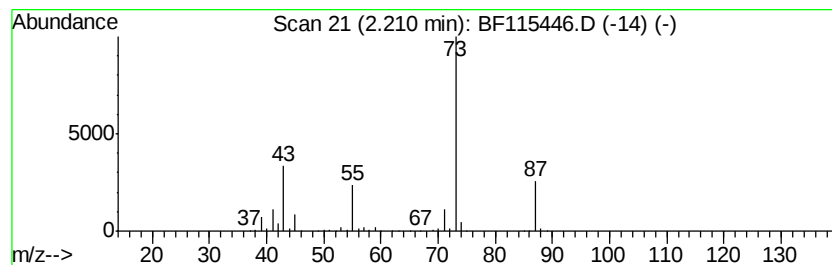
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	35.57 ng	1771280	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

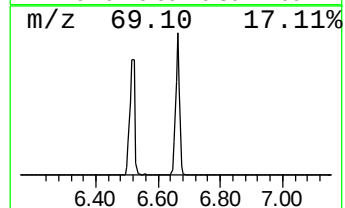
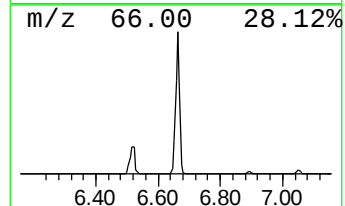
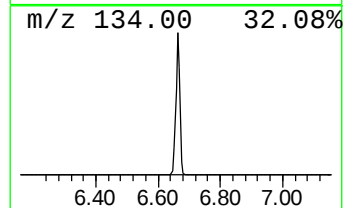
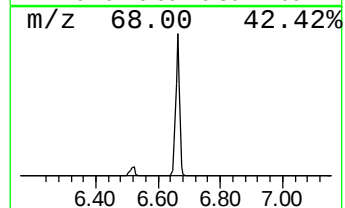
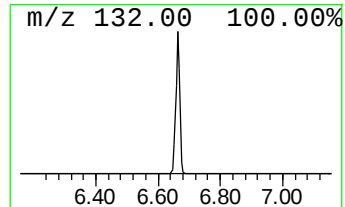
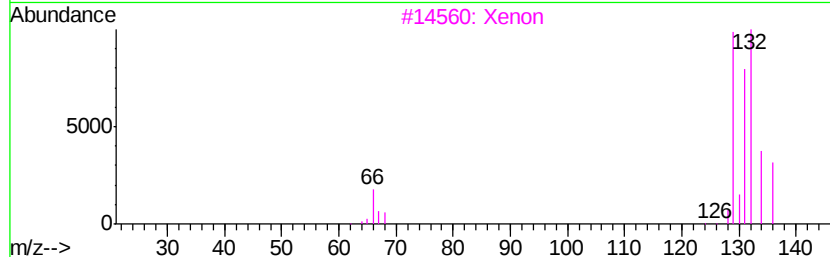
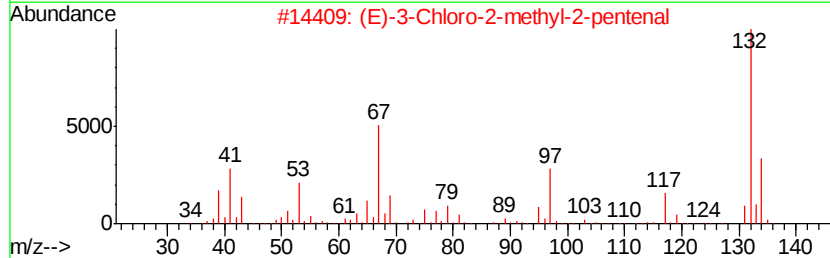
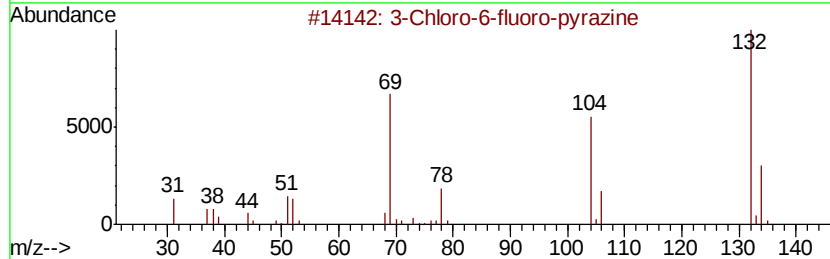
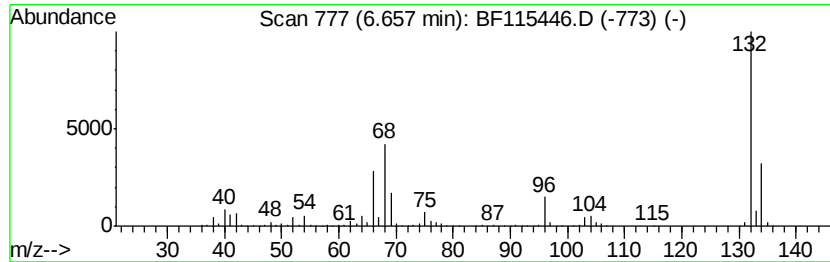
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	61.50 ng	3062040	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3	Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Xenon		132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...		132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...		132	C8H8N2	022291-85-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

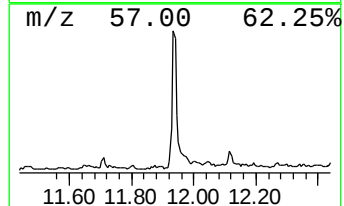
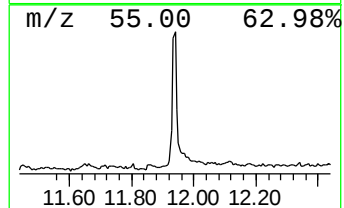
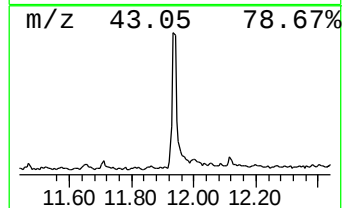
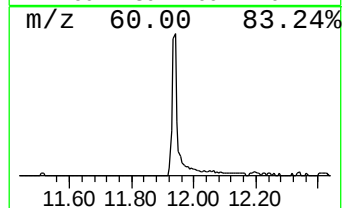
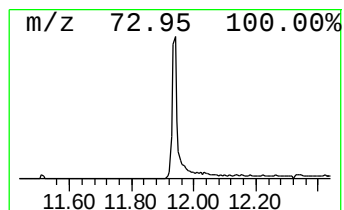
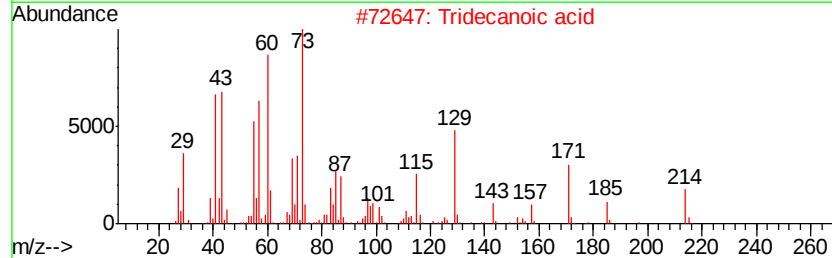
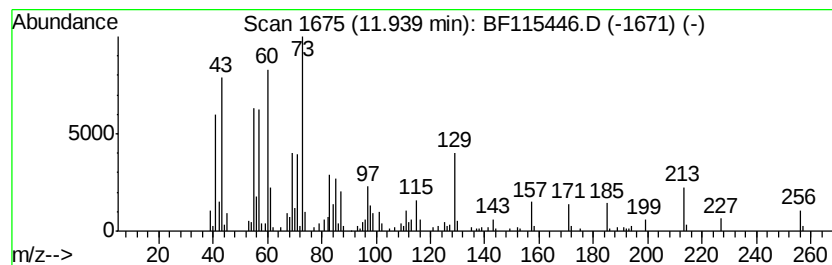
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.68 ng	284262	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		n-Decanoic acid	172	C10H20O2	000334-48-5	68
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

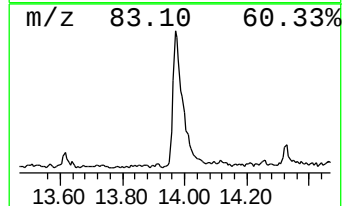
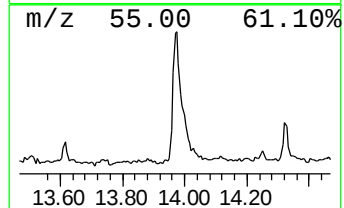
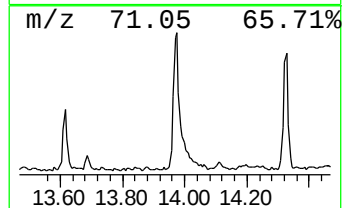
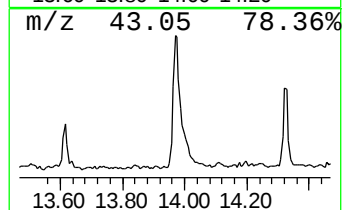
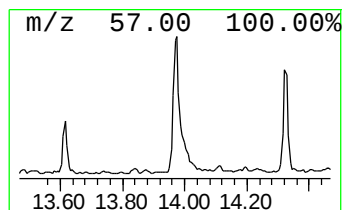
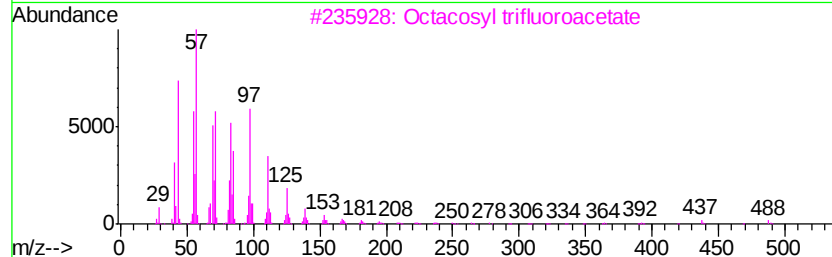
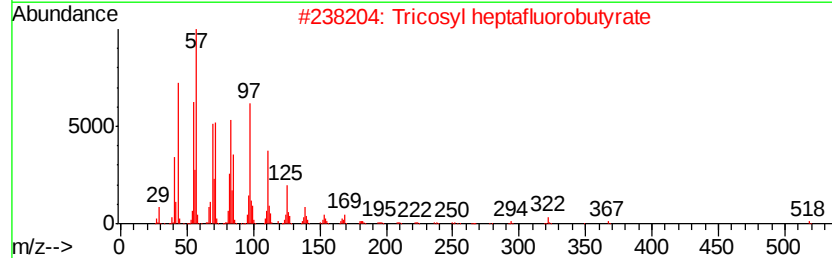
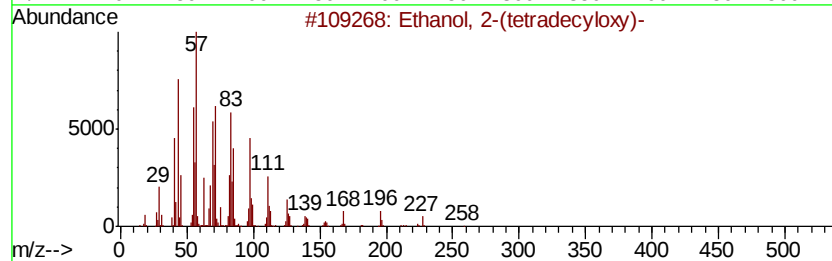
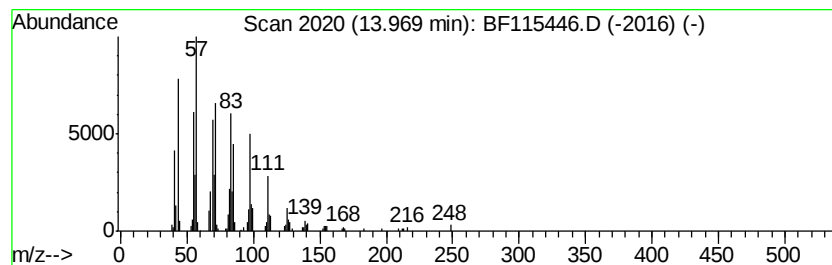
Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.97	7.59 ng	402661	Chrysene-d12		14.12	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Tricosyl heptafluorobutyrte	536	C27H47F7O2	1000351-83-4	90
3		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
4		Heneicosyl heptafluorobutyrte	508	C25H43F7O2	1000351-83-8	87
5		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

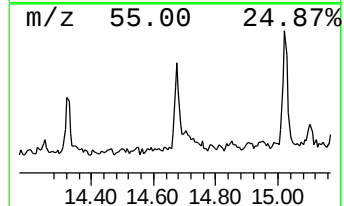
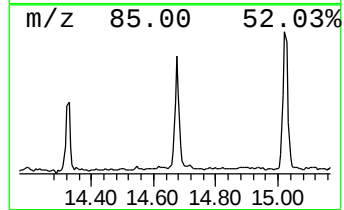
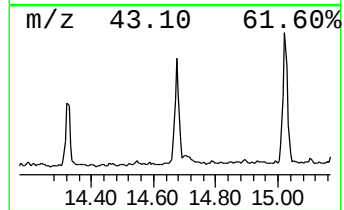
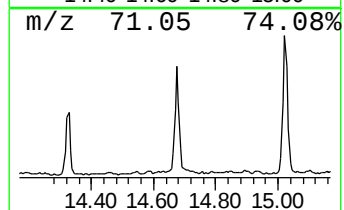
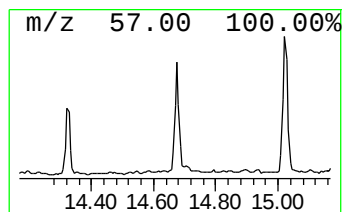
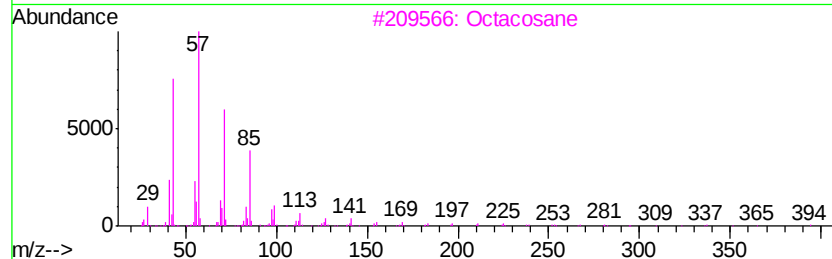
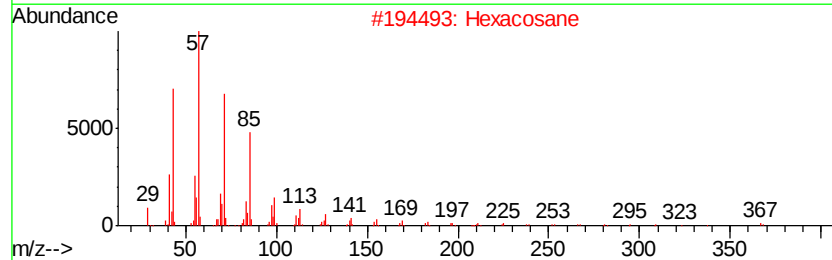
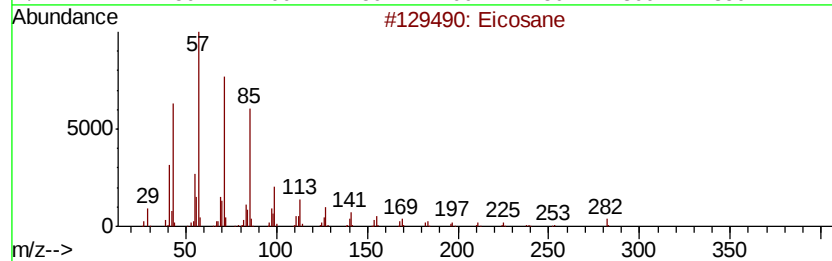
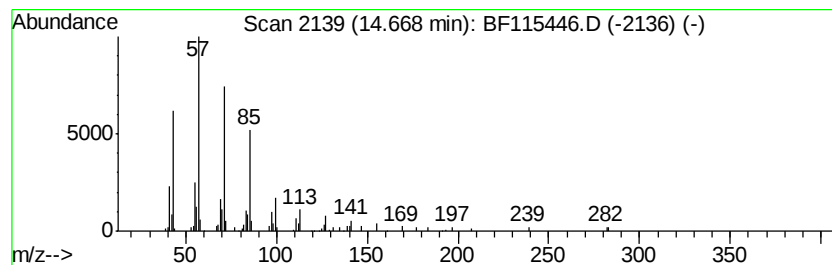
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.81 ng	148862	Chrysene-d12	14.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Hexacosane		366	C26H54	000630-01-3	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

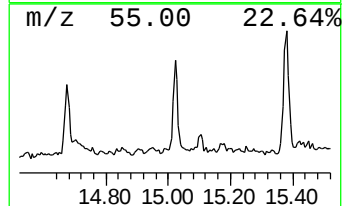
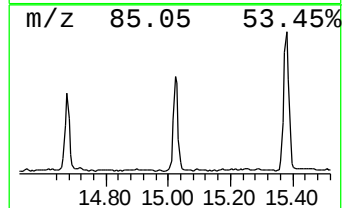
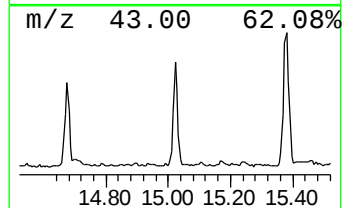
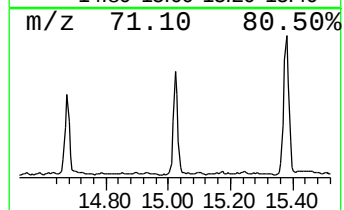
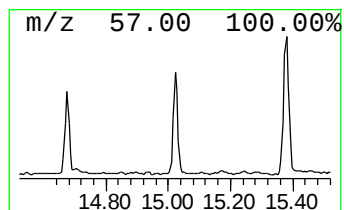
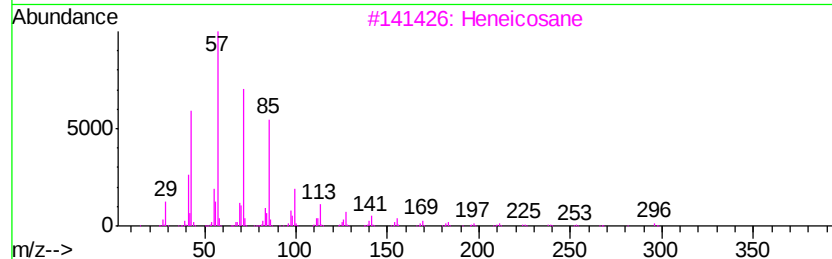
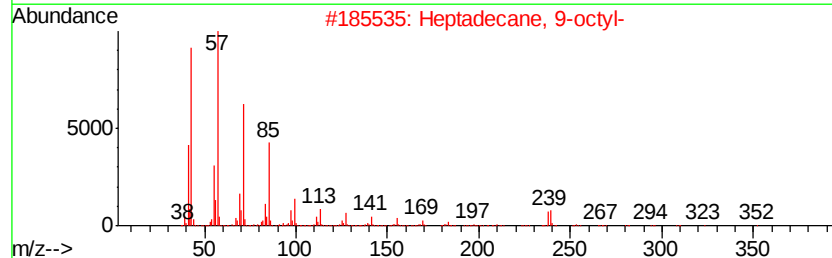
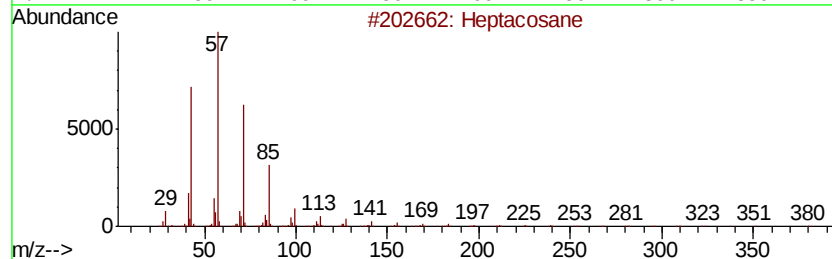
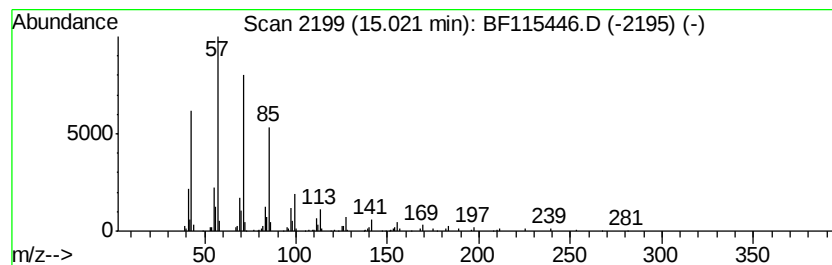
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.58 ng	200200	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

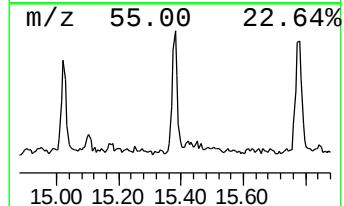
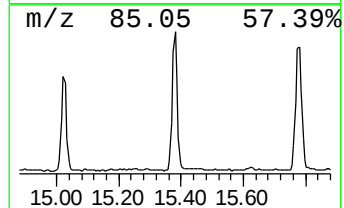
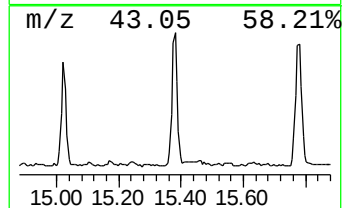
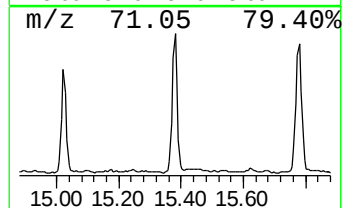
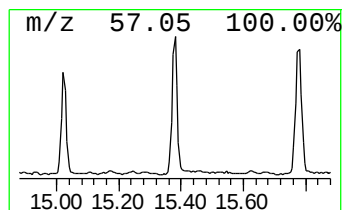
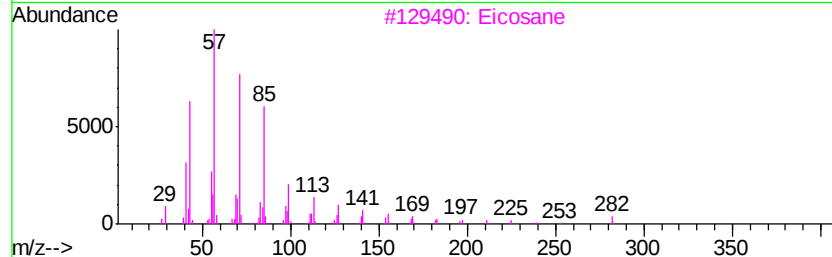
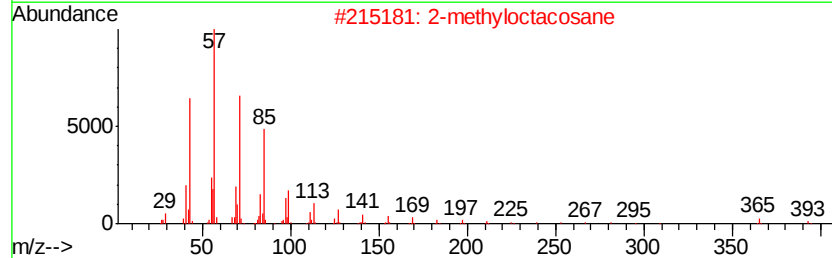
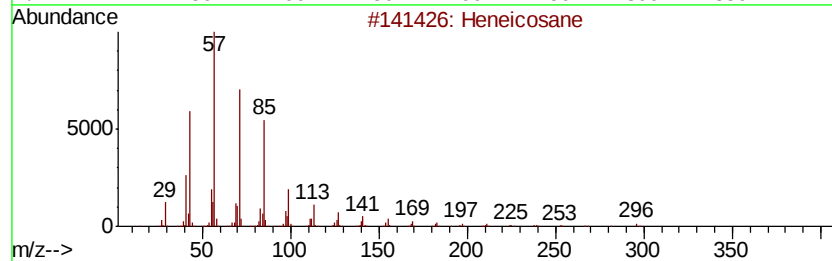
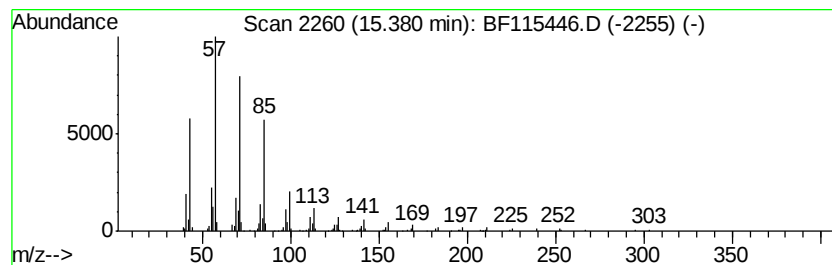
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	5.73 ng	320353	Perylene-d12	15.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Eicosane		282	C20H42	000112-95-8	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Octacosane		394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

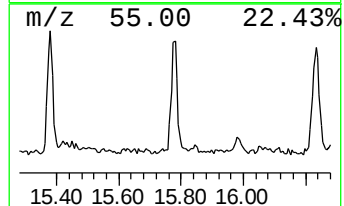
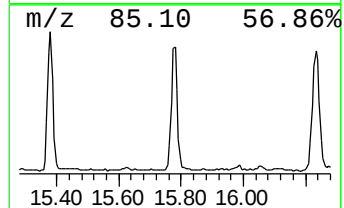
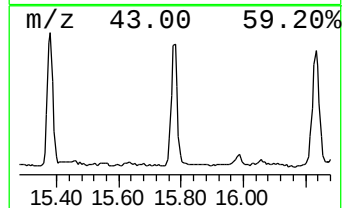
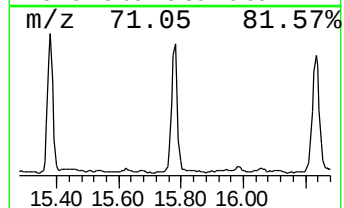
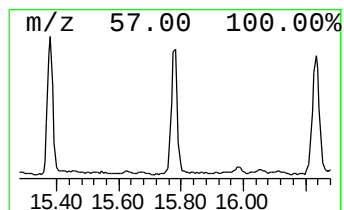
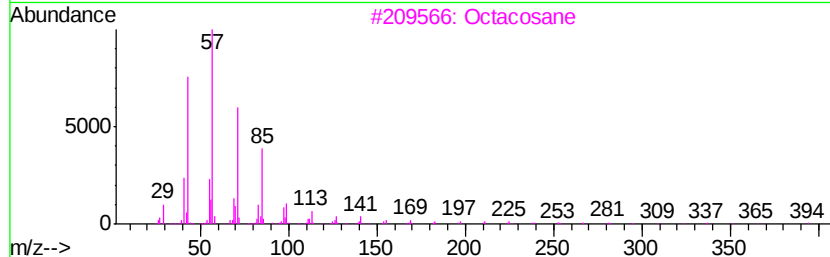
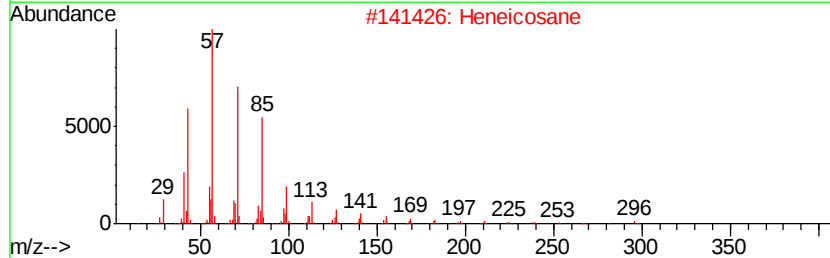
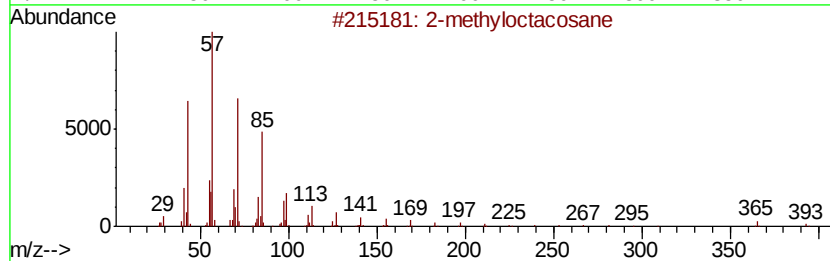
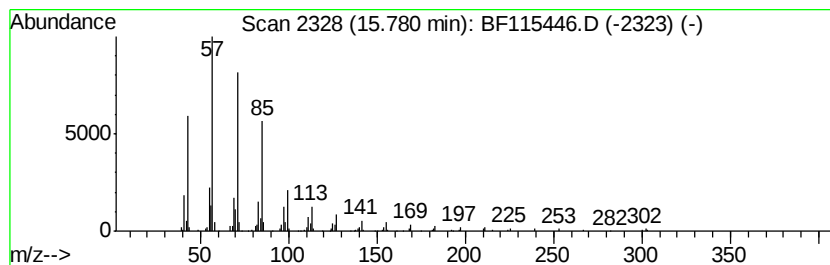
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	6.11 ng	341556	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

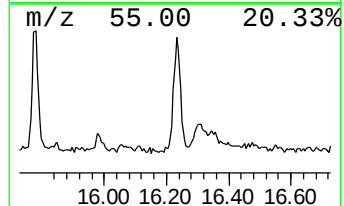
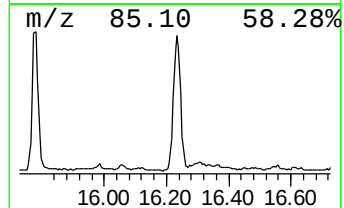
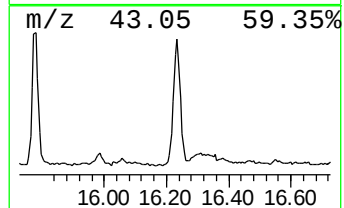
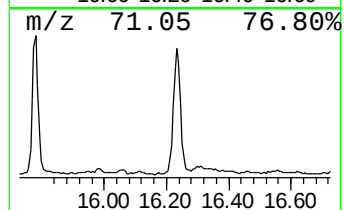
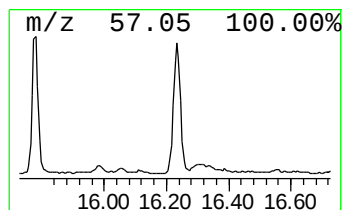
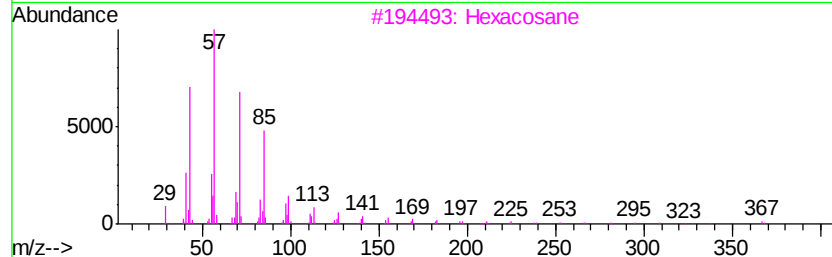
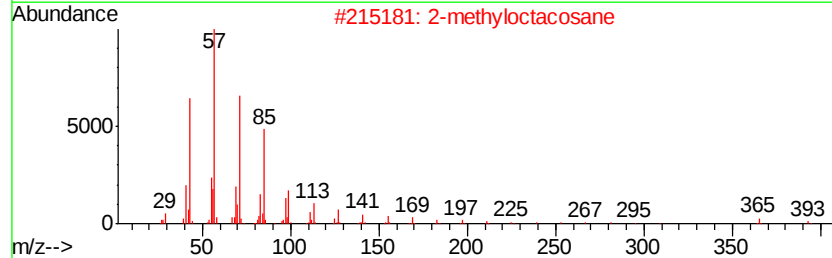
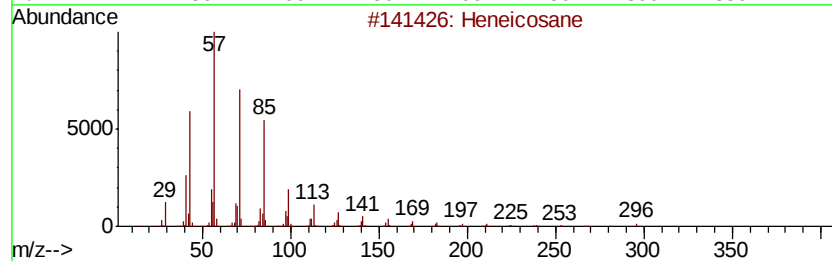
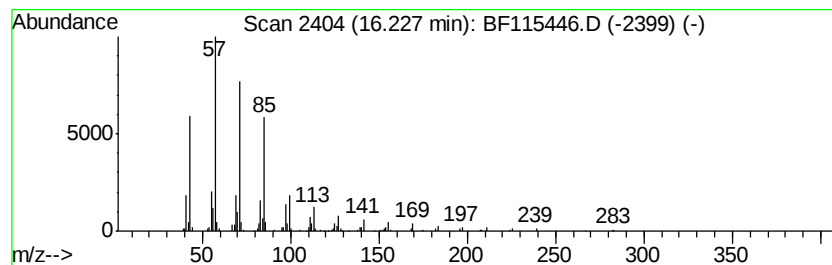
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	6.84 ng	382332	Perylene-d12	15.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

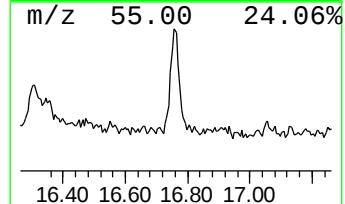
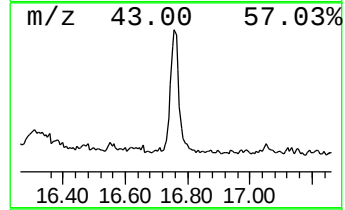
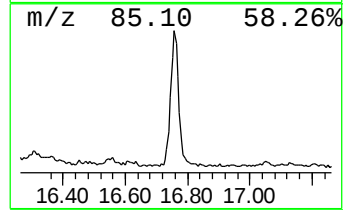
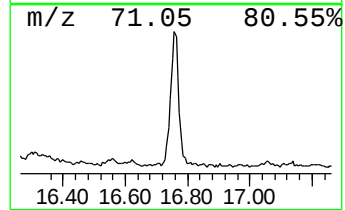
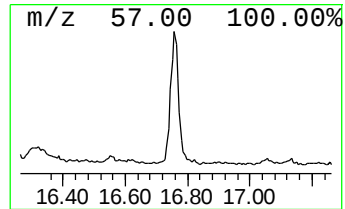
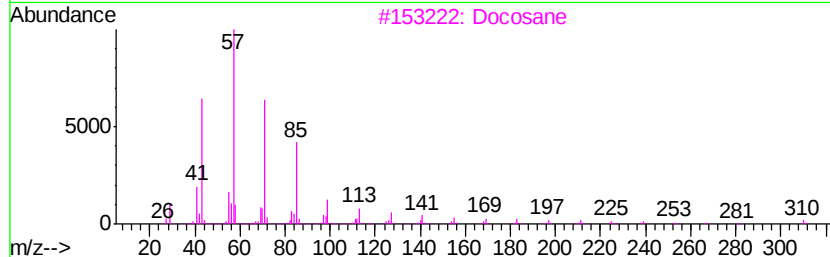
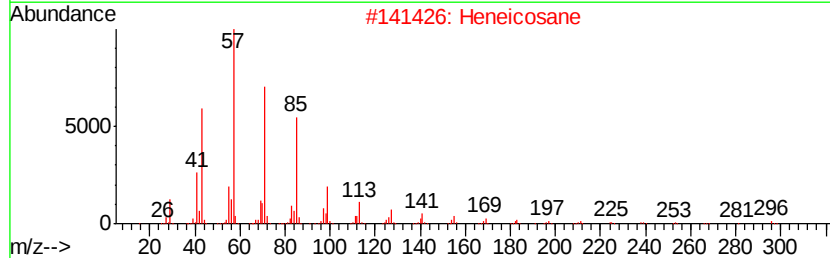
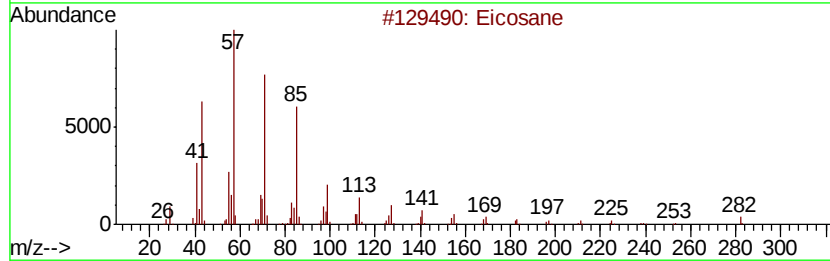
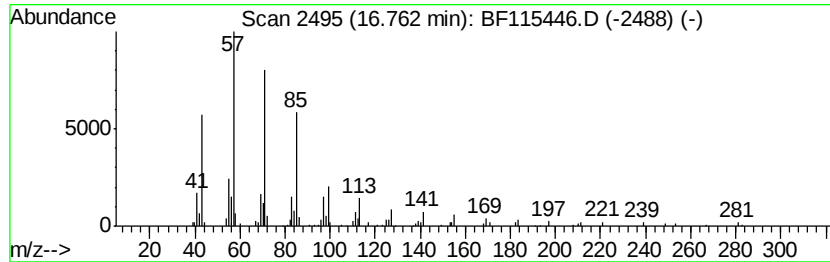
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.84 ng	214871	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Docosane	310	C22H46	000629-97-0	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070919\
Data File : BF115446.D
Acq On : 9 Jul 2019 21:12
Operator : HP/JU
Sample : K3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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
Butane, 2-methoxy...	2.21	35.6	ng	1771280	1	6.89	995837	20.0
unknown6.66	6.66	61.5	ng	3062040	1	6.89	995837	20.0
n-Hexadecanoic acid	11.94	3.7	ng	284262	4	11.41	1546750	20.0
Ethanol, 2-(tetra...	13.97	7.6	ng	402661	5	14.12	1060800	20.0
Eicosane	14.67	2.8	ng	148862	5	14.12	1060800	20.0
Heptacosane	15.02	3.6	ng	200200	6	15.71	1118180	20.0
Heneicosane	15.38	5.7	ng	320353	6	15.71	1118180	20.0
2-methyloctacosane	15.78	6.1	ng	341556	6	15.71	1118180	20.0
Tetratetracontane	16.23	6.8	ng	382332	6	15.71	1118180	20.0
Docosane	16.76	3.8	ng	214871	6	15.71	1118180	20.0