

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117462.D
 Acq On : 21 Oct 2019 22:02
 Operator : JU
 Sample : K5459-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-HARVEY-SUB

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-BF101819.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	5.345	551	554	583	rBV	753788	888297	70.88%	7.368%
2	6.375	726	729	747	rBV	916119	1010272	80.61%	8.380%
3	6.504	747	751	762	rVB	1205443	1026891	81.94%	8.518%
4	6.734	786	790	804	rBV	383388	381949	30.48%	3.168%
5	6.886	813	816	831	rBV	845862	743541	59.33%	6.168%
6	7.298	882	886	900	rBV	583675	601689	48.01%	4.991%
7	8.010	1004	1007	1026	rBV	513678	520969	41.57%	4.321%
8	9.086	1186	1190	1207	rBV	1402266	1172288	93.54%	9.724%
9	9.480	1254	1257	1265	rBV	227949	190098	15.17%	1.577%
10	9.763	1301	1305	1319	rBV	760092	633907	50.58%	5.258%
11	10.551	1436	1439	1449	rBV	773567	702083	56.02%	5.824%
12	11.245	1554	1557	1567	rBV	620463	639648	51.04%	5.306%
13	11.780	1644	1648	1658	rBV	62968	69902	5.58%	0.580%
14	12.563	1778	1781	1792	rBV3	12330	19312	1.54%	0.160%
15	12.833	1822	1827	1830	rBV	1313034	1253237	100.00%	10.395%
16	13.727	1974	1979	1994	rBV2	104618	186936	14.92%	1.551%
17	13.892	2003	2007	2020	rBV	573928	593053	47.32%	4.919%
18	14.045	2029	2033	2039	rVB	54259	49944	3.99%	0.414%
19	14.351	2080	2085	2095	rBV	96274	112888	9.01%	0.936%
20	14.504	2108	2111	2114	rVB	18321	16606	1.33%	0.138%
21	14.645	2131	2135	2140	rVB	135006	122449	9.77%	1.016%
22	14.962	2184	2189	2193	rBV	129223	138102	11.02%	1.146%
23	15.315	2244	2249	2265	rVB2	495453	648798	51.77%	5.382%
24	15.715	2313	2317	2323	rBV	83633	115063	9.18%	0.954%
25	15.786	2323	2329	2330	rBV4	12060	19772	1.58%	0.164%
26	16.186	2387	2397	2401	rBV	48481	83882	6.69%	0.696%
27	16.456	2438	2443	2448	rVB4	21814	39234	3.13%	0.325%
28	16.733	2484	2490	2497	rVB2	20081	37505	2.99%	0.311%
29	16.839	2502	2508	2511	rBV6	6725	14028	1.12%	0.116%
30	17.380	2591	2600	2606	rVB8	8362	23324	1.86%	0.193%

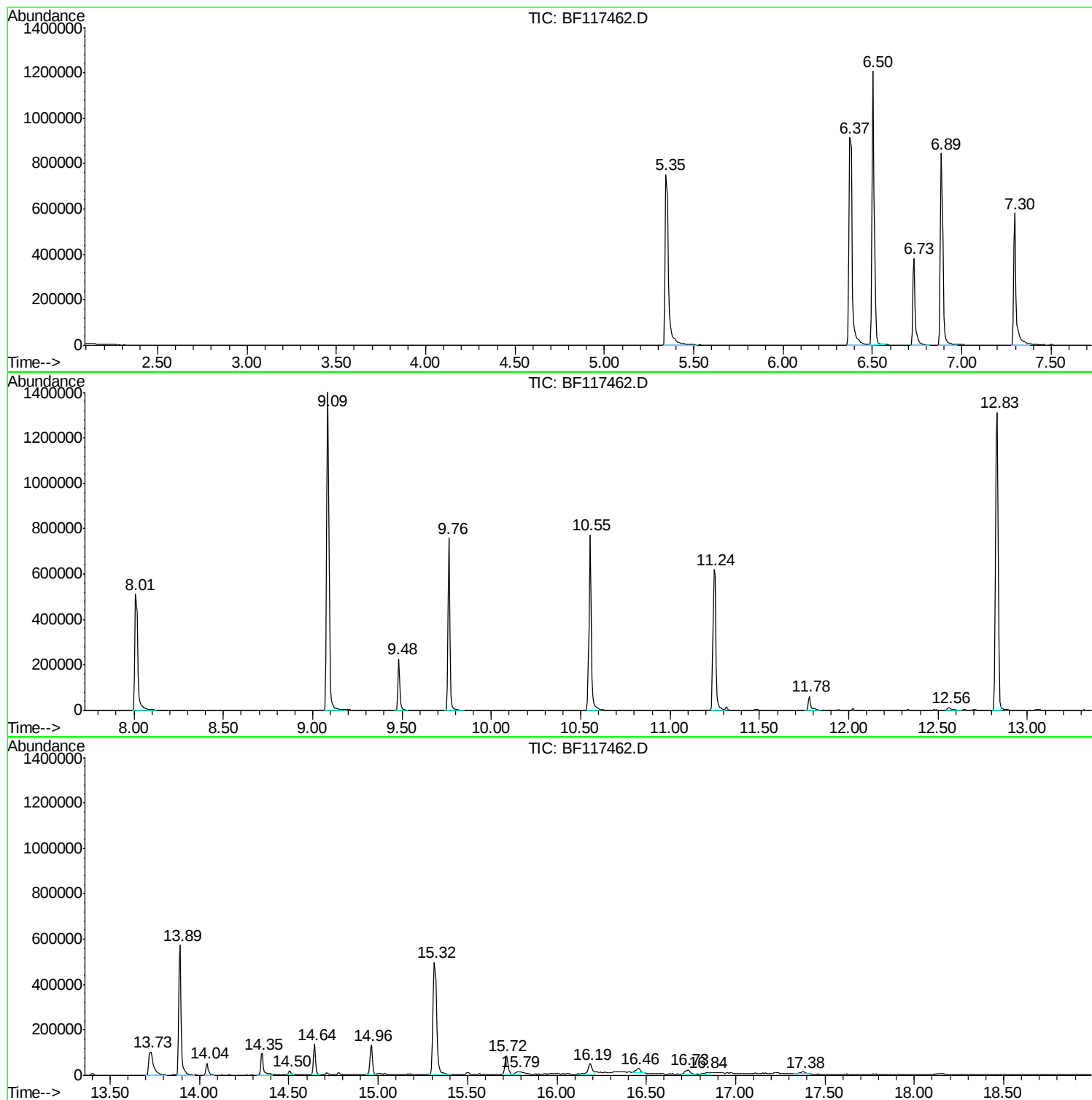
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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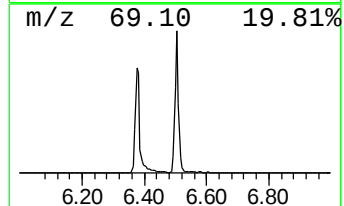
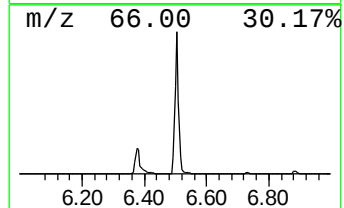
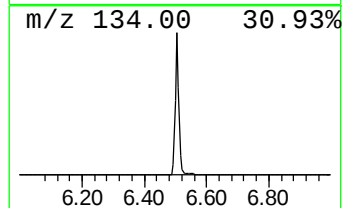
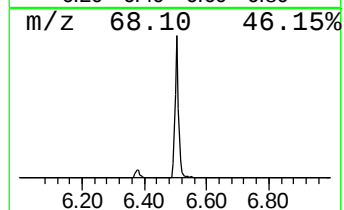
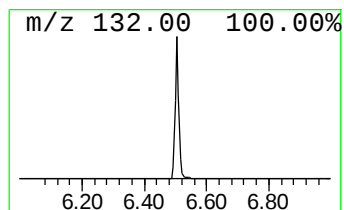
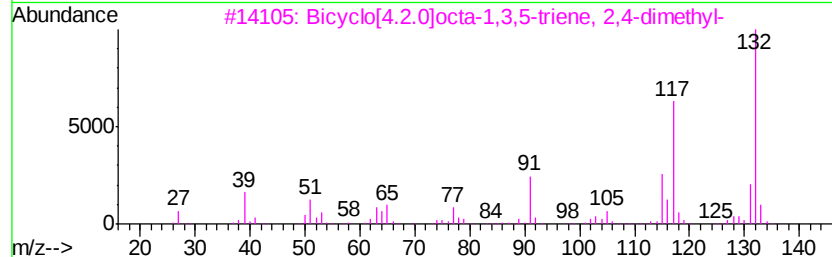
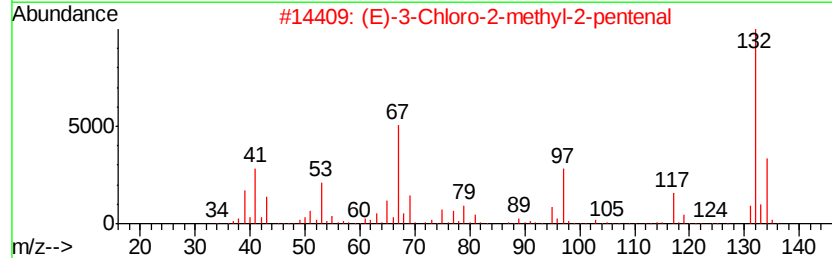
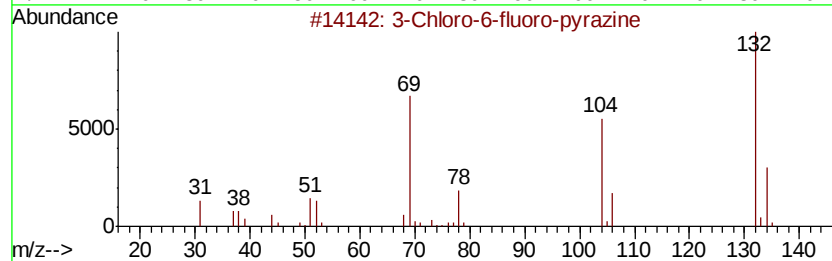
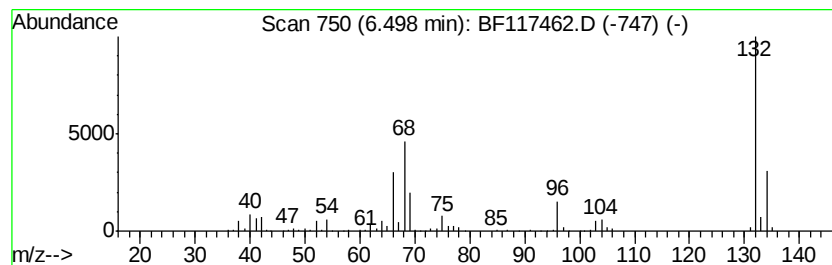
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	53.77 ng	1026890	1,4-Dichlorobenzene-d4	6.73

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	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



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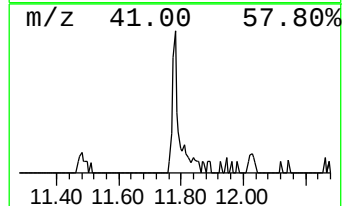
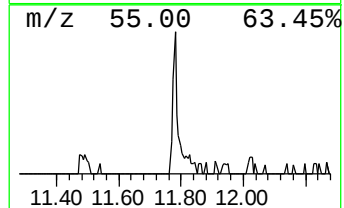
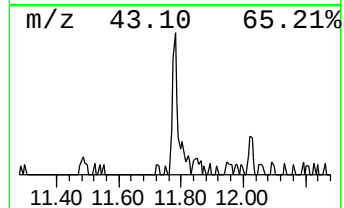
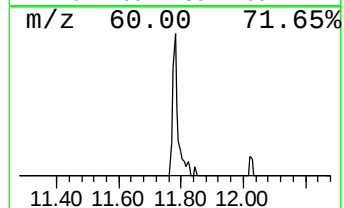
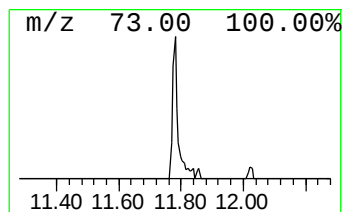
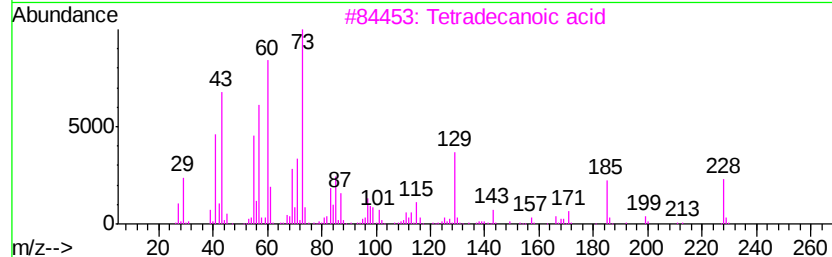
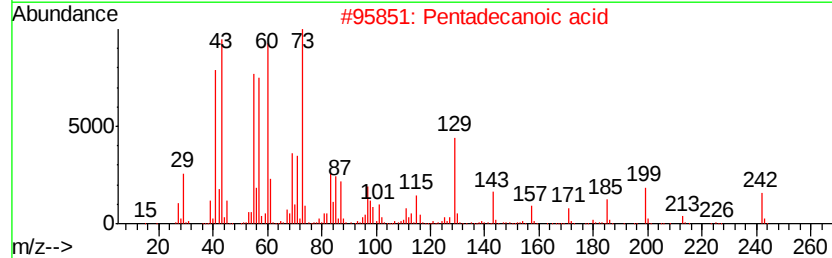
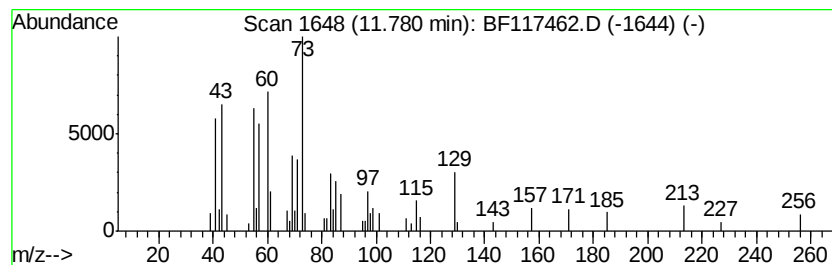
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.19 ng	69902	Phenanthrene-d10	11.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 96
2		Pentadecanoic acid	242 C15H30O2	001002-84-2 68
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 64
4		Dodecanoic acid	200 C12H24O2	000143-07-7 53
5		Tridecanoic acid	214 C13H26O2	000638-53-9 50



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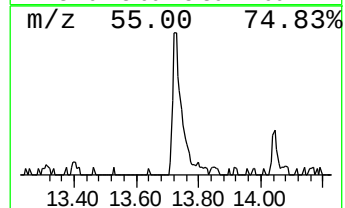
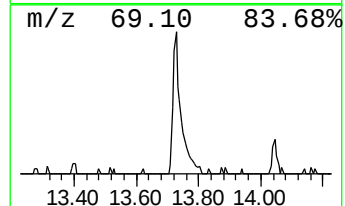
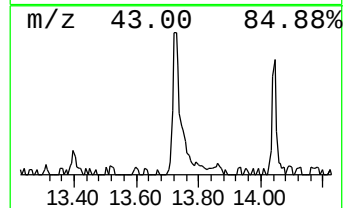
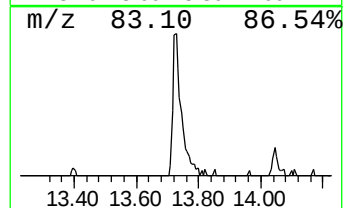
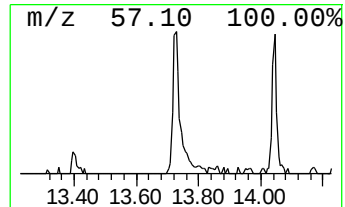
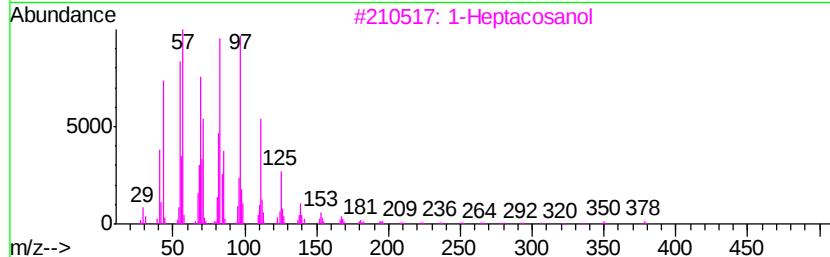
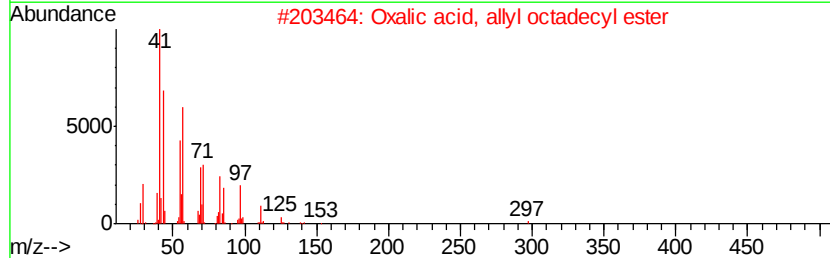
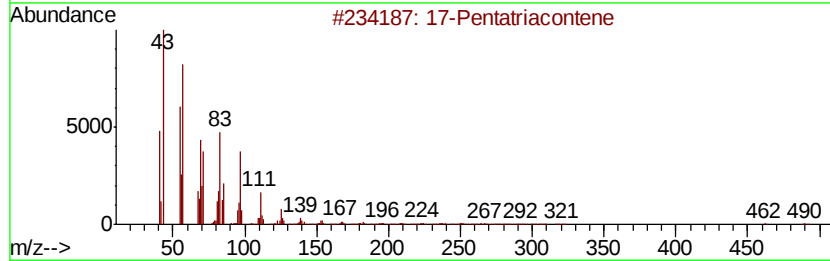
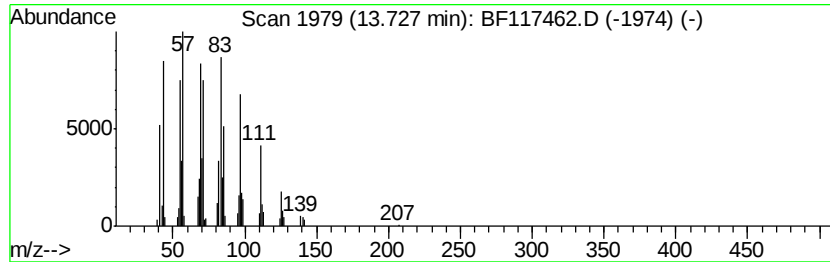
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Peak Number 4 17-Pentatriacontene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.30 ng	186936	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	87
4		Behenic alcohol	326	C22H46O	000661-19-8	76
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	76



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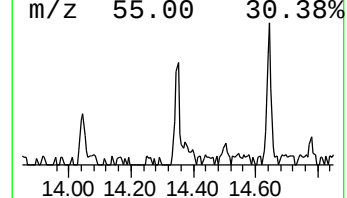
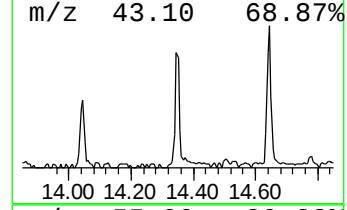
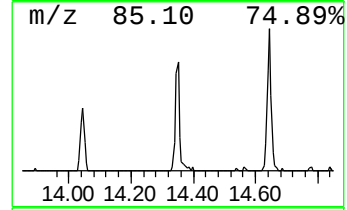
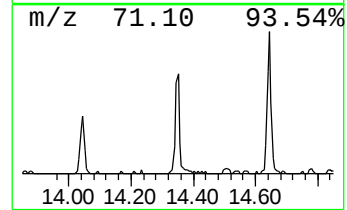
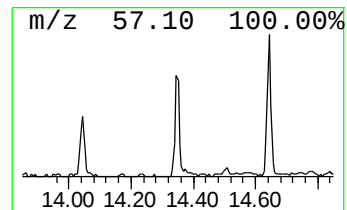
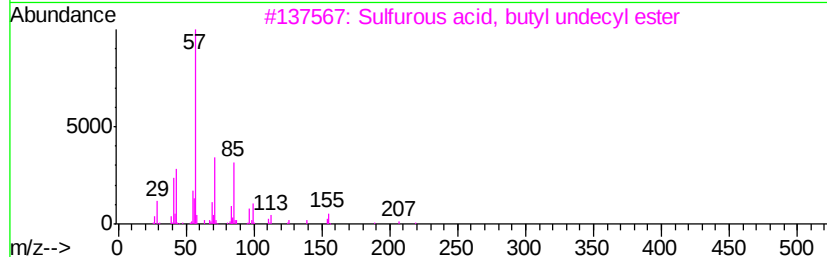
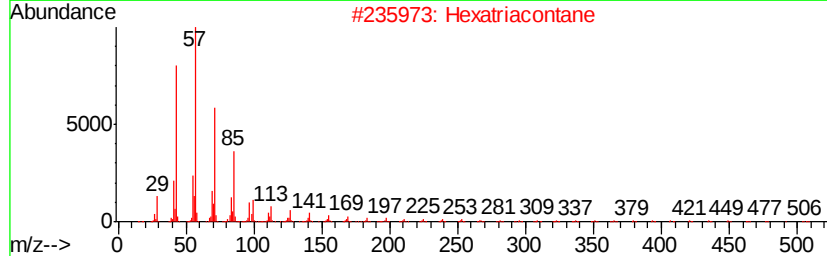
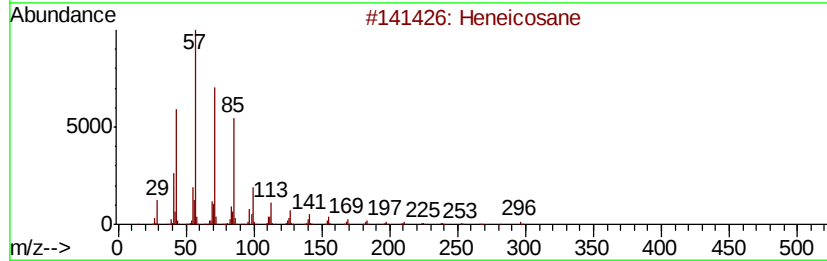
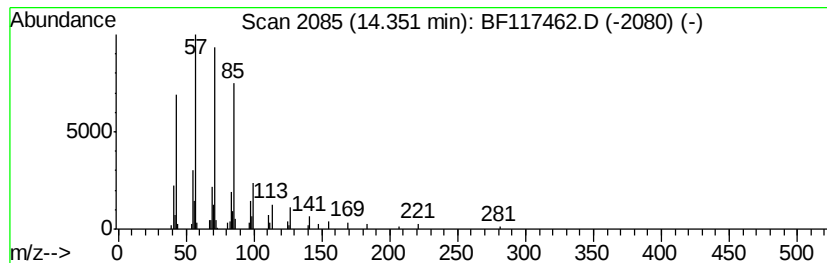
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Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.81 ng	112888	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Hexatriacontane		507	C36H74	000630-06-8	86
3	Sulfurous acid, butyl undecyl ester		292	C15H32O3S	1000309-17-8	80
4	2-methyloctacosane		408	C29H60	1000376-72-8	74
5	Octacosane		394	C28H58	000630-02-4	72



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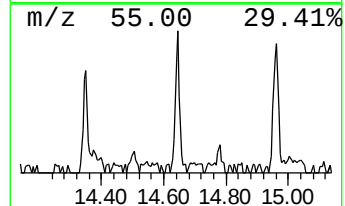
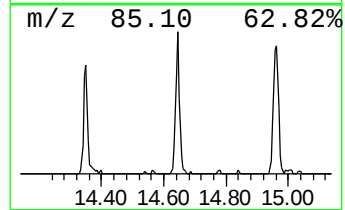
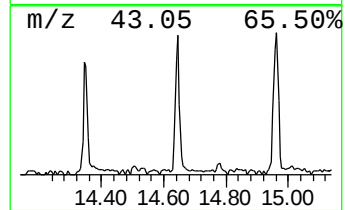
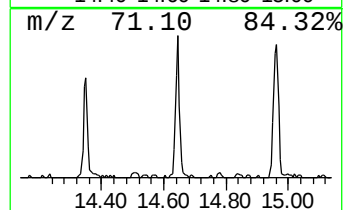
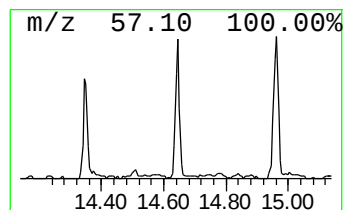
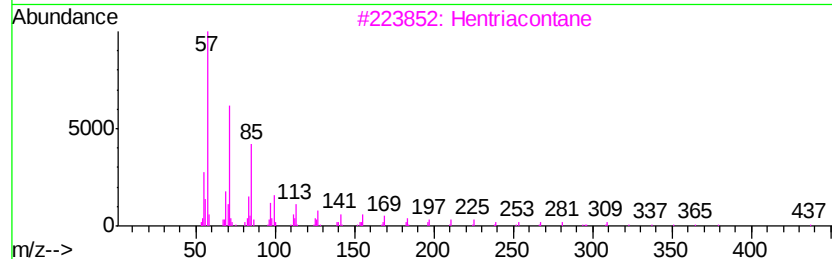
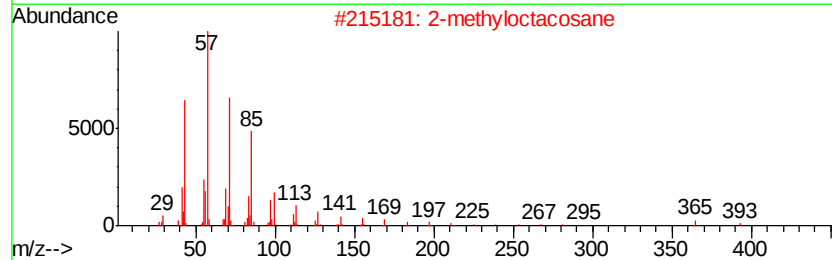
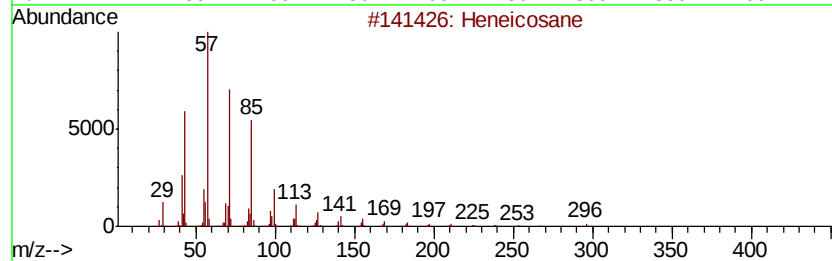
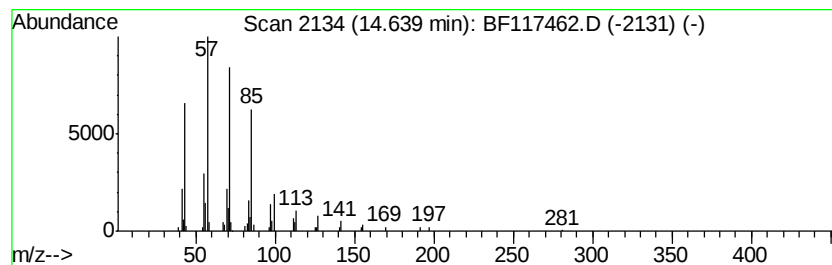
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Peak Number 6 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.77 ng	122449	Perylene-d12	15.32
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	90
3	Hentriacontane	437 C31H64	000630-04-6	90
4	Hexadecane	226 C16H34	000544-76-3	86
5	Hexacosane	366 C26H54	000630-01-3	83



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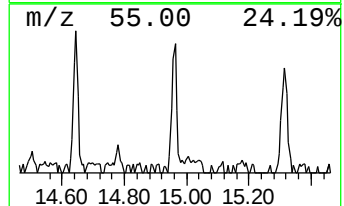
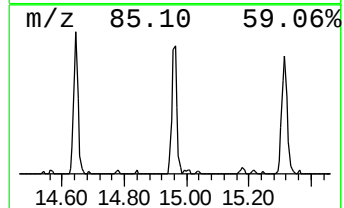
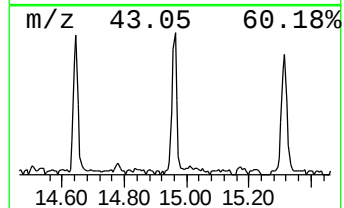
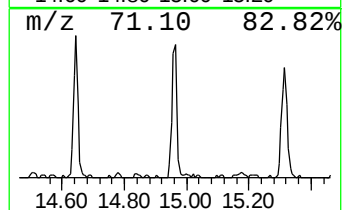
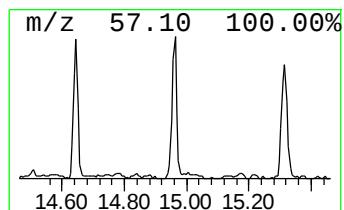
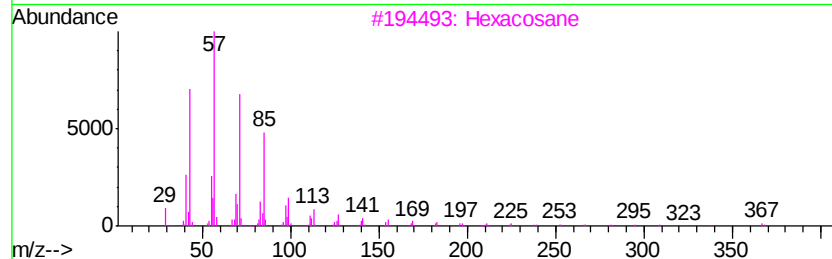
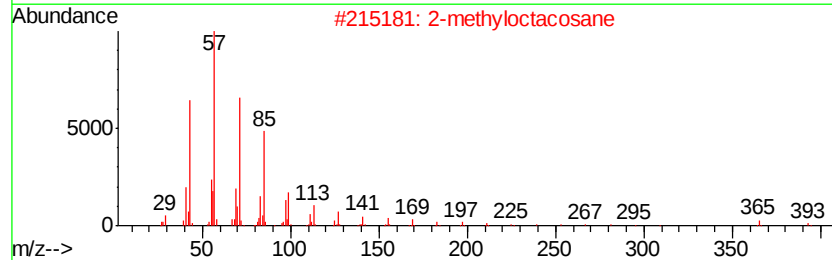
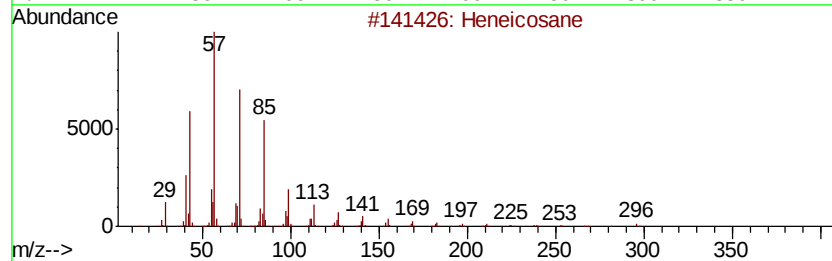
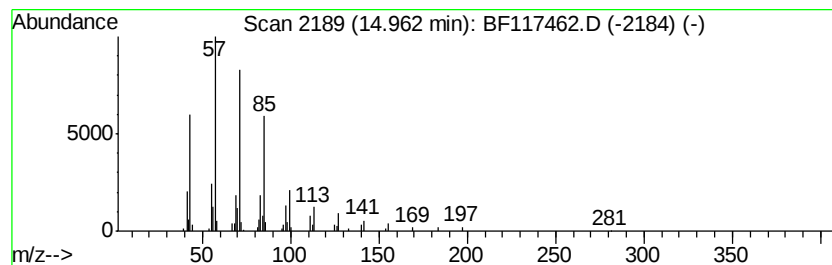
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-HARVEY-SUB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.26 ng	138102	Perylene-d12	15.32
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 90
4		Pentacosane	352 C25H52	000629-99-2 90
5		2-methyltetracosane	352 C25H52	1000376-72-6 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117462.D
Acq On : 21 Oct 2019 22:02
Operator : JU
Sample : K5459-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-HARVEY-SUB

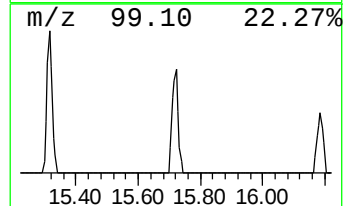
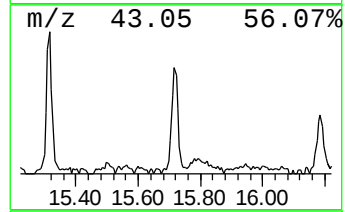
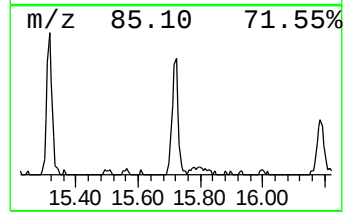
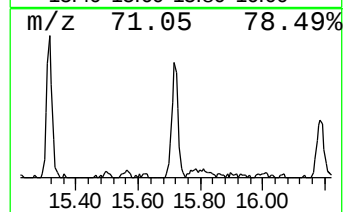
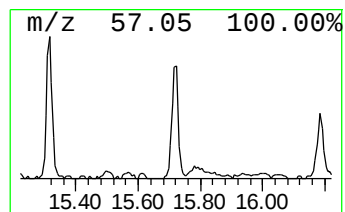
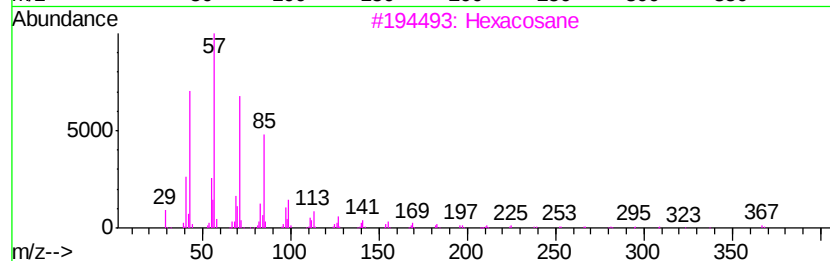
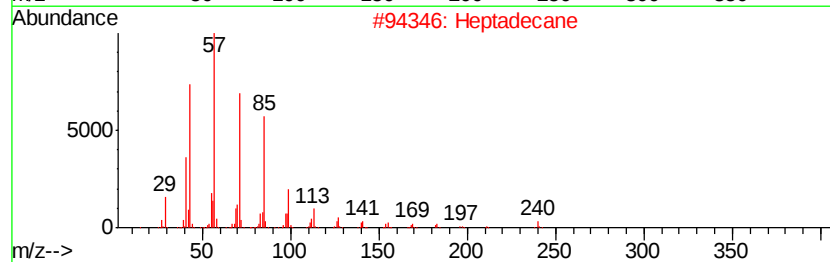
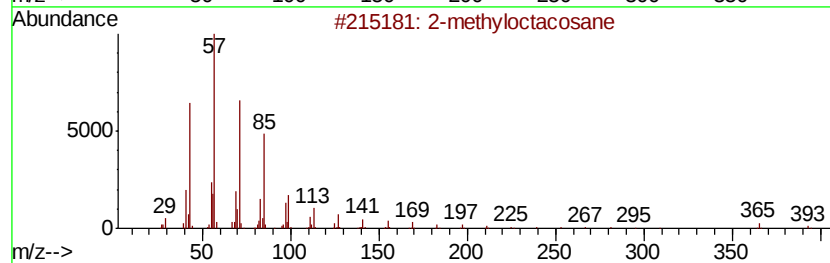
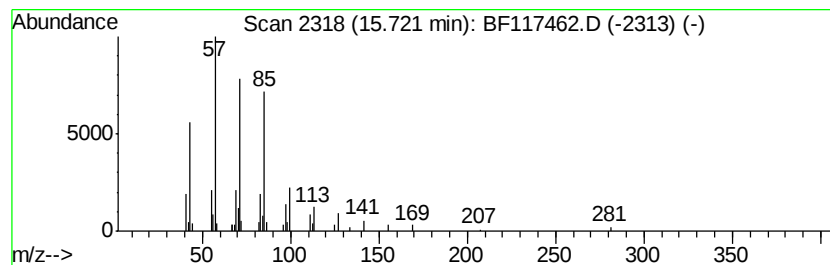
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.55 ng	115063	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117462.D
Acq On : 21 Oct 2019 22:02
Operator : JU
Sample : K5459-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-HARVEY-SUB

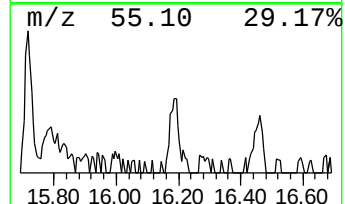
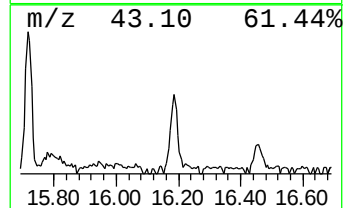
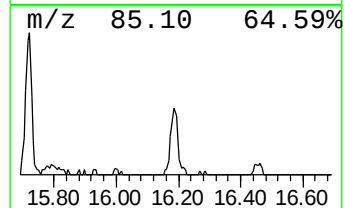
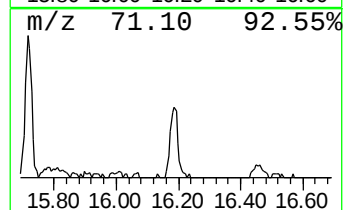
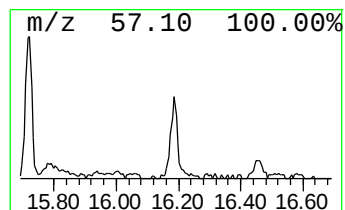
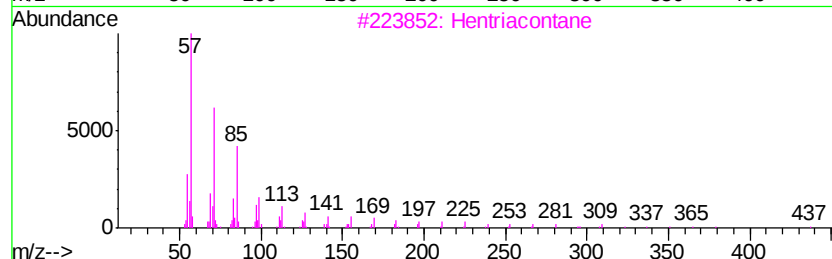
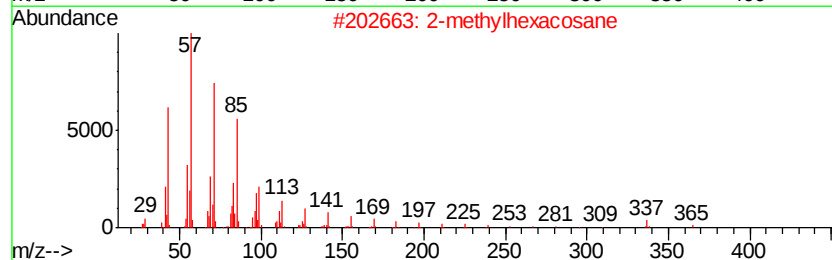
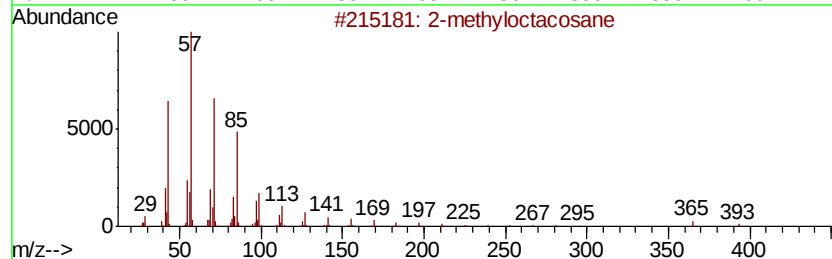
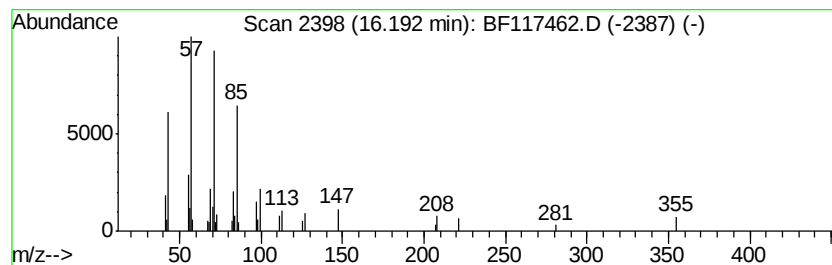
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methylhexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.59 ng	83882	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	87
2	2-methylhexacosane		380	C27H56	1000376-72-7	87
3	Hentriacontane		437	C31H64	000630-04-6	87
4	Hexacosane		366	C26H54	000630-01-3	86
5	Tetracosane		338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102119\
Data File : BF117462.D
Acq On : 21 Oct 2019 22:02
Operator : JU
Sample : K5459-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-HARVEY-SUB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.50	6.50	53.8	ng	1026890	1	6.73	381949	20.0
n-Hexadecanoic acid	11.78	2.2	ng	69902	4	11.24	639648	20.0
17-Pentatriacontene	13.73	6.3	ng	186936	5	13.89	593053	20.0
Heneicosane	14.35	3.8	ng	112888	5	13.89	593053	20.0
2-methyloctacosane	14.64	3.8	ng	122449	6	15.32	648798	20.0
Hexacosane	14.96	4.3	ng	138102	6	15.32	648798	20.0
Heptadecane	15.72	3.5	ng	115063	6	15.32	648798	20.0
2-methylhexacosane	16.19	2.6	ng	83882	6	15.32	648798	20.0