

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042519\
 Data File : BF113986.D
 Acq On : 25 Apr 2019 19:09
 Operator : JU/SJ
 Sample : K2555-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-23

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-BF042219.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	2.152	6	11	20	rVB	161220	207704	4.34%	0.738%
2	5.510	578	582	595	rBV	1406025	1354361	28.27%	4.809%
3	6.516	749	753	766	rBV	1038511	900942	18.81%	3.199%
4	6.663	774	778	782	rBV	2711163	2482762	51.83%	8.816%
5	6.892	814	817	821	rBV	724728	605288	12.64%	2.149%
6	7.051	840	844	848	rBV	2462377	2179691	45.50%	7.740%
7	7.451	907	912	915	rBV	1802947	1746132	36.45%	6.201%
8	7.910	983	990	997	rBV3	32162	48175	1.01%	0.171%
9	8.175	1032	1035	1044	rBV	864024	770432	16.08%	2.736%
10	9.251	1214	1218	1221	rBV	4043957	3540239	73.90%	12.572%
11	9.639	1279	1284	1289	rVB	53608	58354	1.22%	0.207%
12	9.933	1330	1334	1337	rBV	1000314	962414	20.09%	3.418%
13	10.722	1463	1468	1482	rBV	2564048	2774425	57.91%	9.852%
14	11.416	1582	1586	1593	rBV	1243041	1110154	23.17%	3.942%
15	11.939	1671	1675	1686	rBV2	394680	416214	8.69%	1.478%
16	12.727	1805	1809	1821	rBV	246794	309543	6.46%	1.099%
17	13.004	1851	1856	1859	rBV	4910437	4790536	100.00%	17.011%
18	14.057	2027	2035	2048	rVB	1297078	1316816	27.49%	4.676%
19	14.221	2059	2063	2067	rVB	72908	65622	1.37%	0.233%
20	14.533	2111	2116	2120	rBV2	139247	125016	2.61%	0.444%
21	14.845	2165	2169	2174	rBV	213057	202047	4.22%	0.717%
22	15.192	2224	2228	2234	rVB	242985	260147	5.43%	0.924%
23	15.545	2282	2288	2292	rBV	866742	1194570	24.94%	4.242%
24	15.580	2292	2294	2301	rVB	239968	263648	5.50%	0.936%
25	16.027	2364	2370	2376	rBV	170668	256078	5.35%	0.909%
26	16.545	2452	2458	2463	rBV	84559	149447	3.12%	0.531%
27	17.151	2555	2561	2569	rVB3	35038	69888	1.46%	0.248%

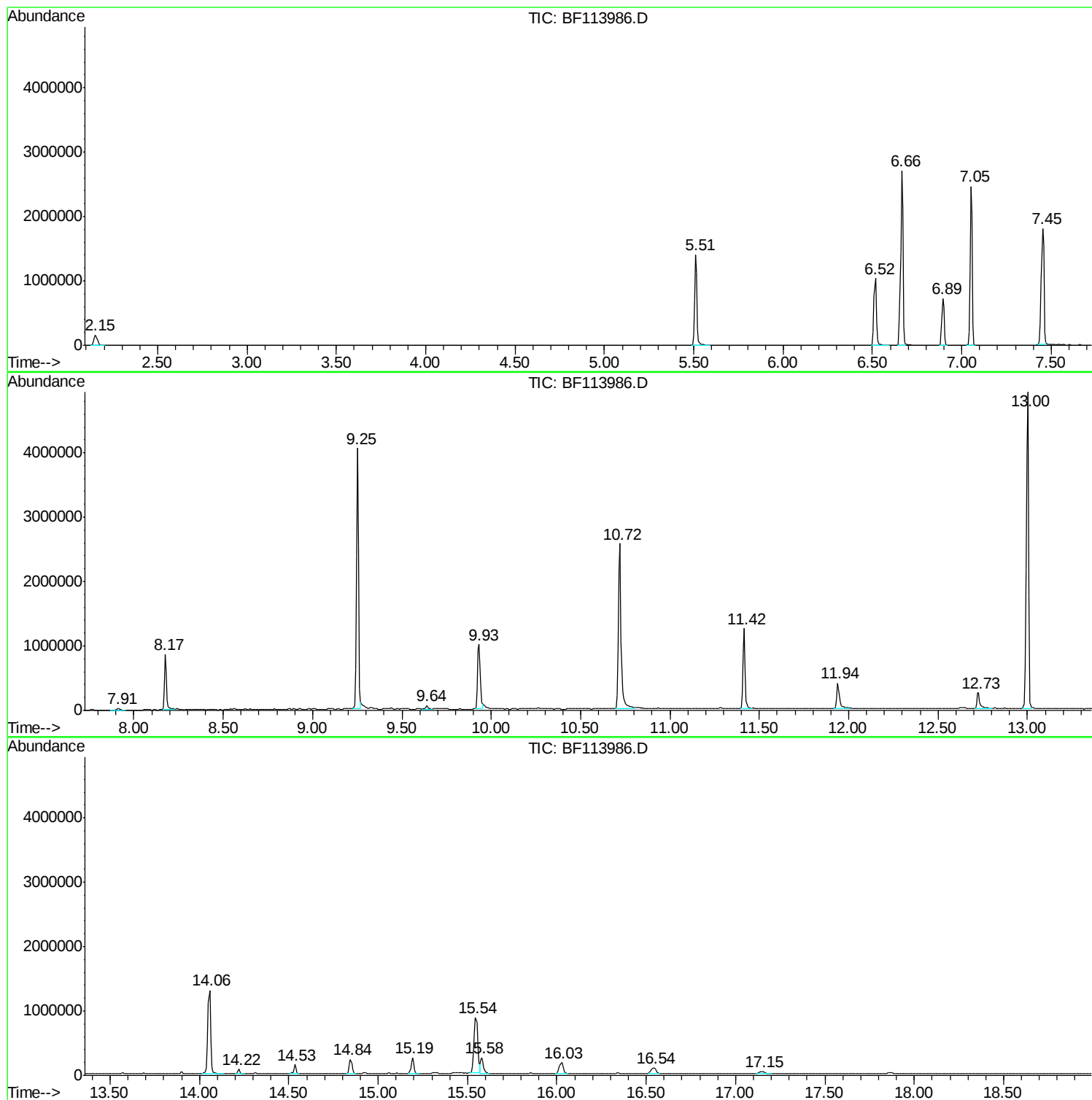
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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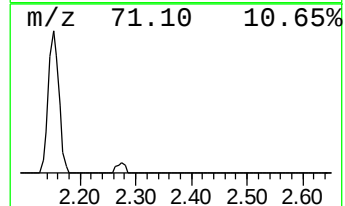
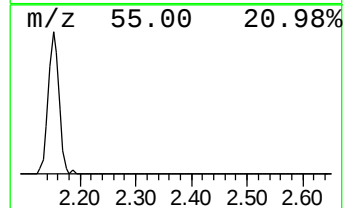
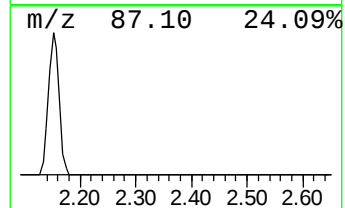
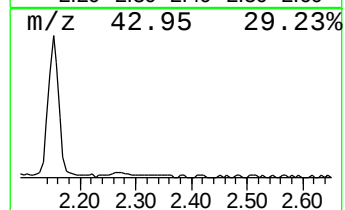
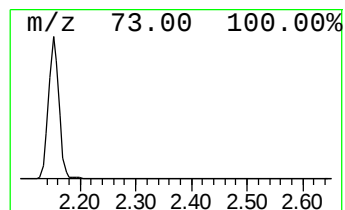
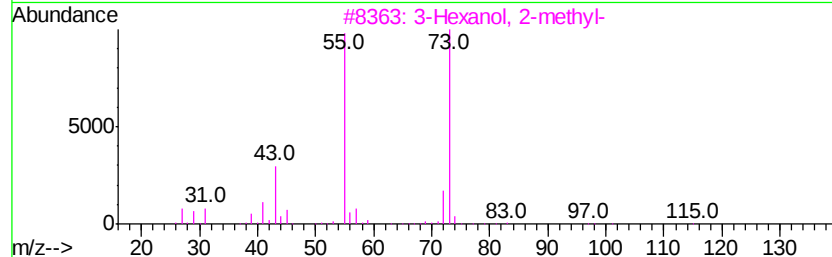
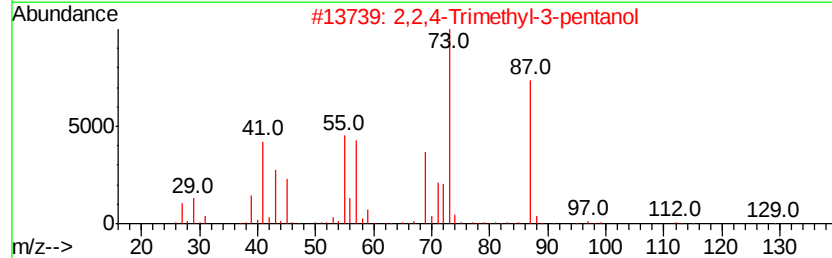
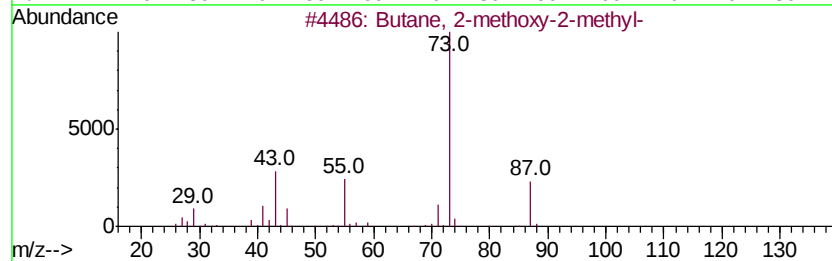
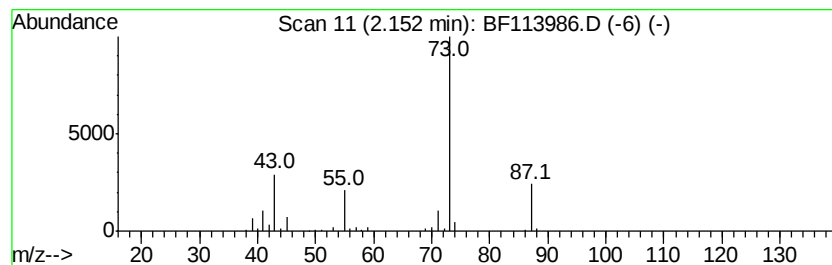
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	6.86 ng	207704	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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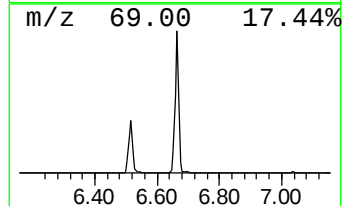
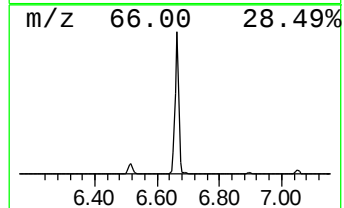
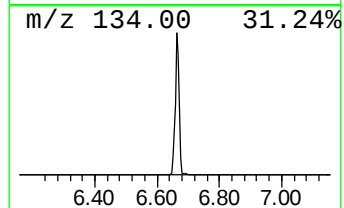
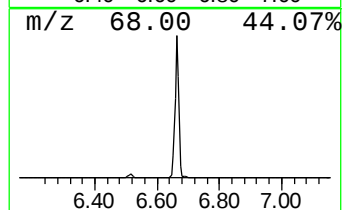
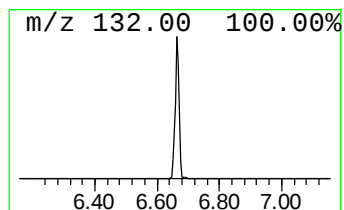
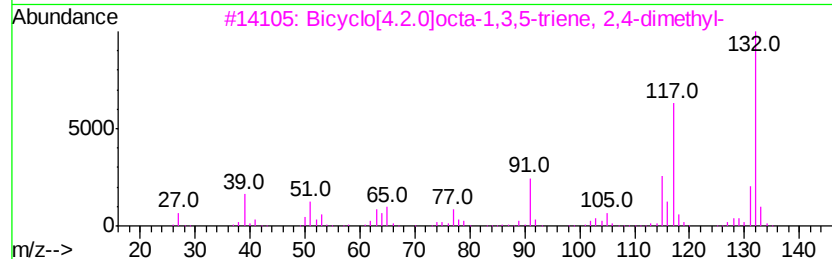
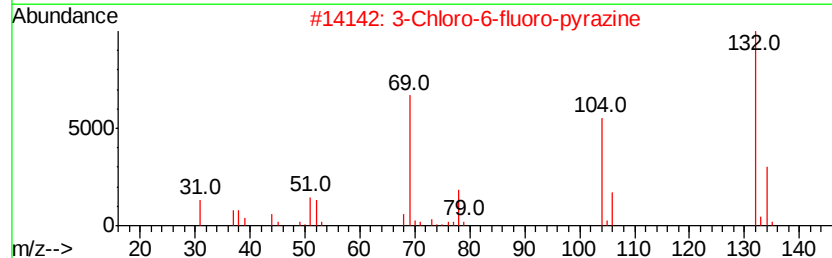
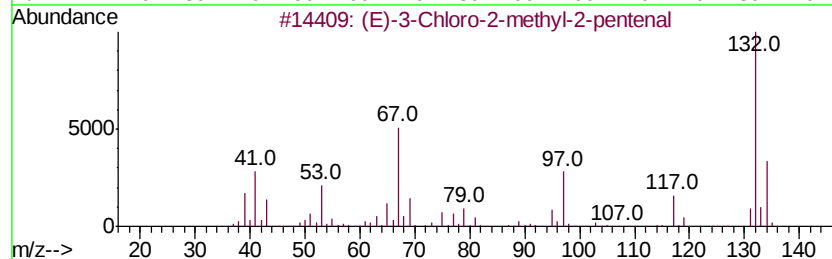
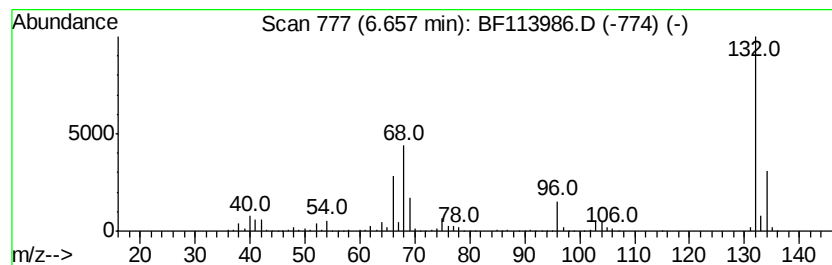
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Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	82.04 ng	2482760	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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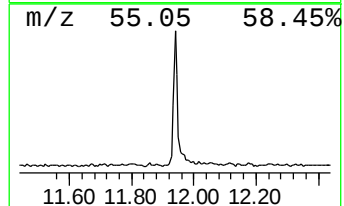
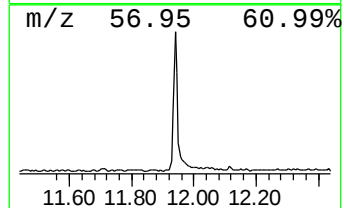
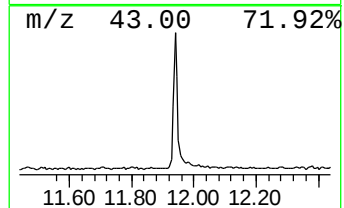
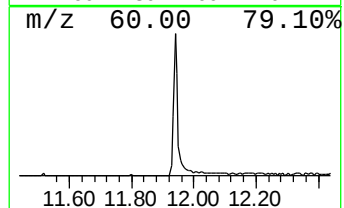
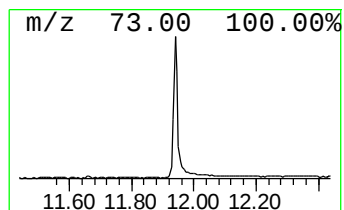
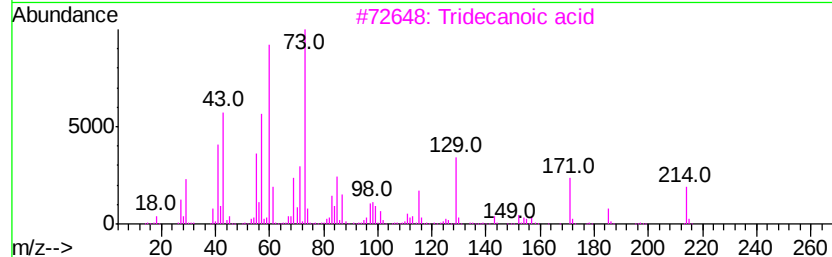
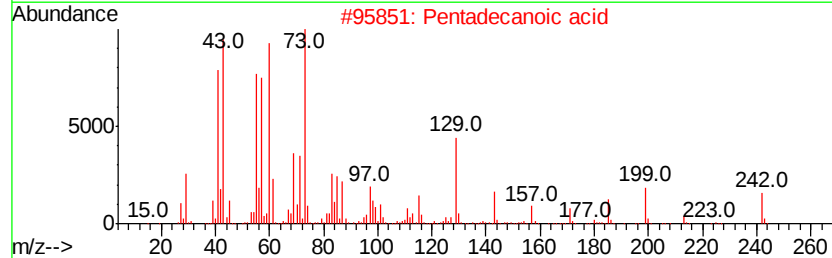
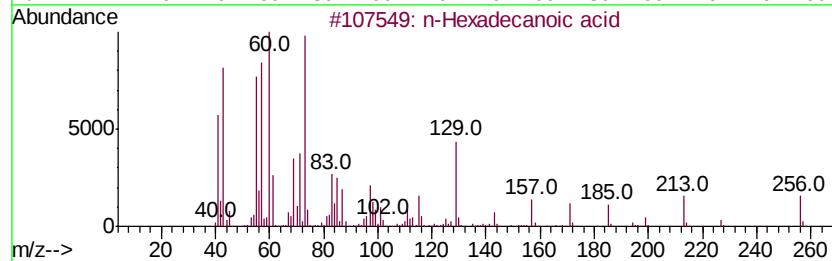
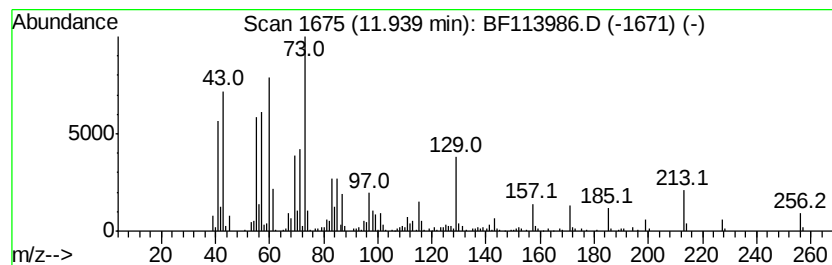
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	7.50 ng	416214	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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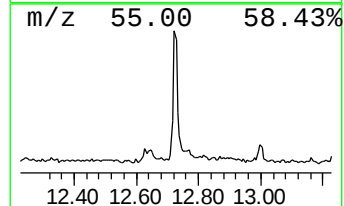
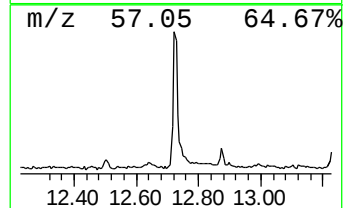
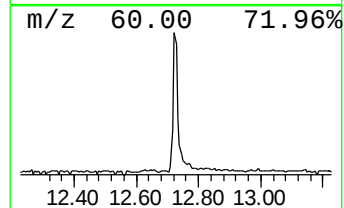
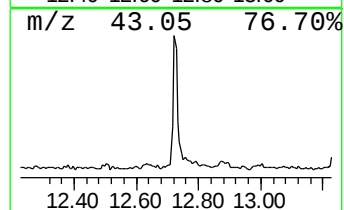
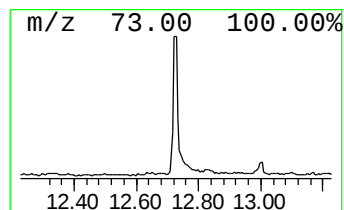
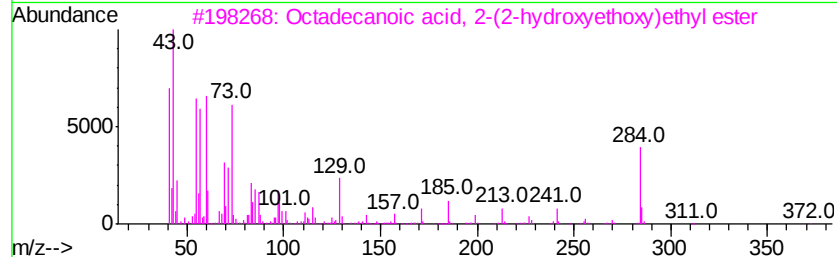
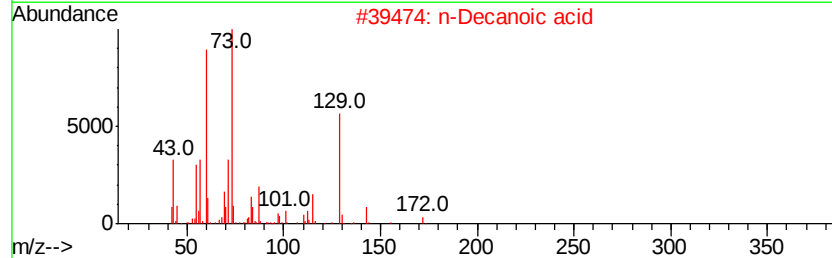
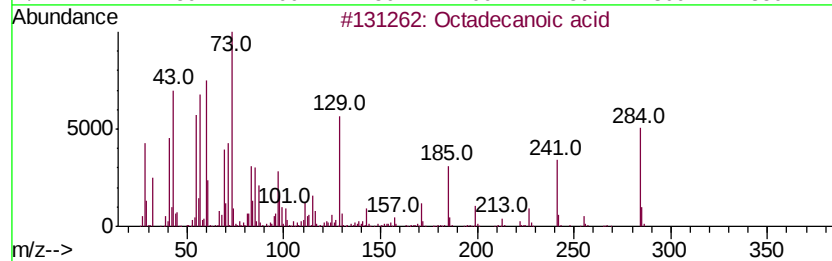
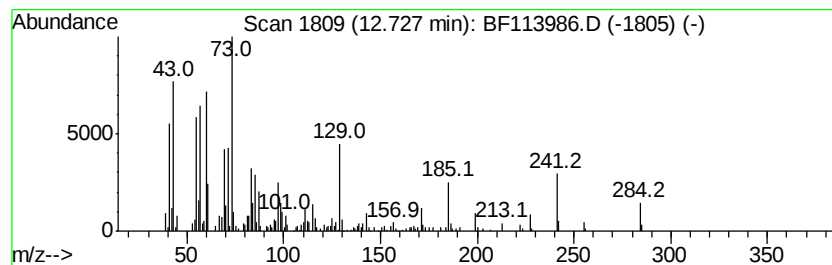
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	5.58 ng	309543	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	90
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Undecanoic acid	186	C11H22O2	000112-37-8	68



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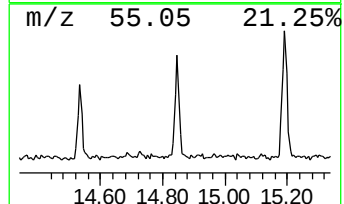
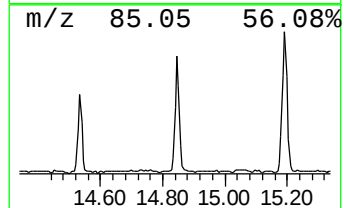
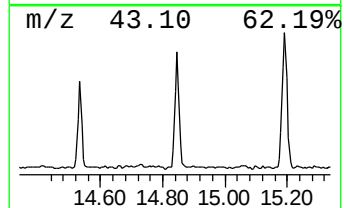
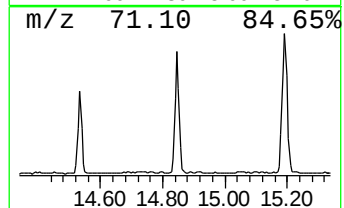
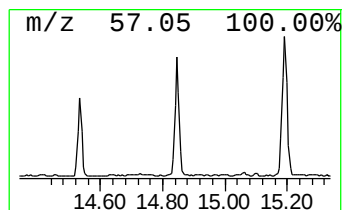
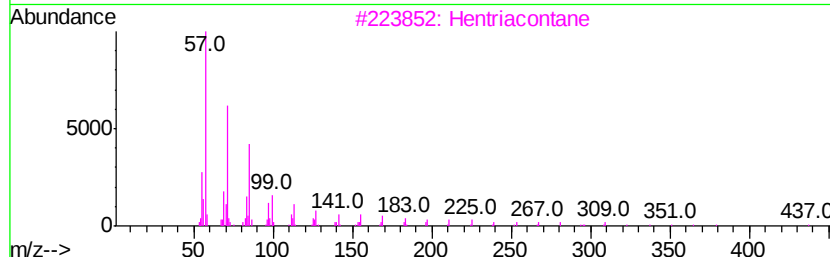
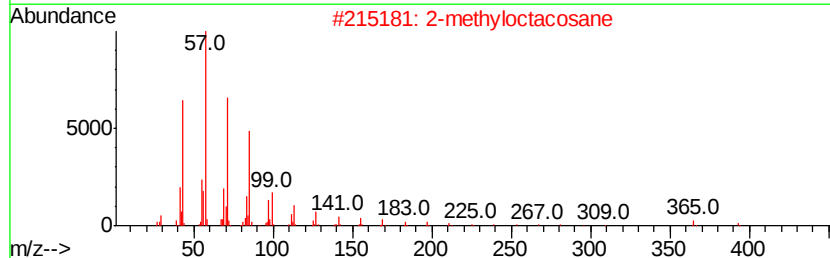
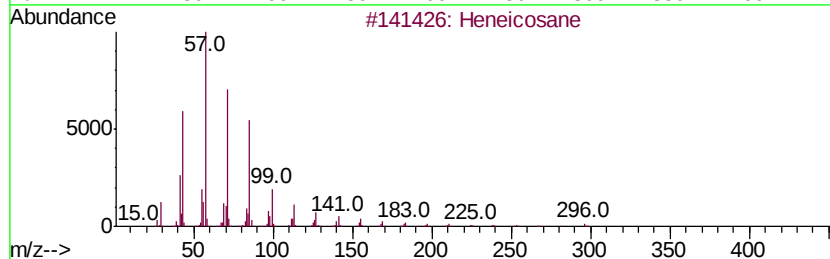
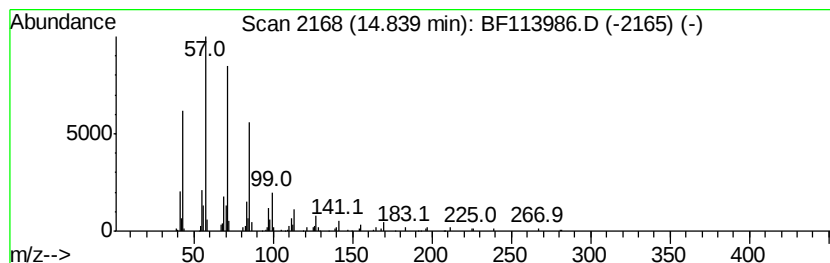
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.38 ng	202047	Perylene-d12	15.54

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	Hentriacontane		437	C31H64	000630-04-6	91
4	Hexacosane		366	C26H54	000630-01-3	90
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90



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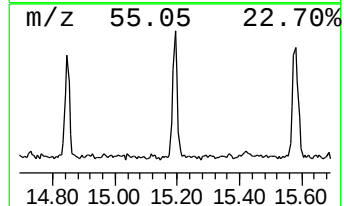
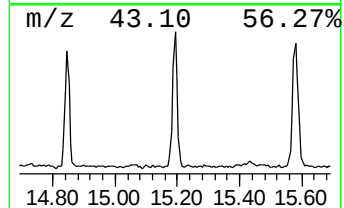
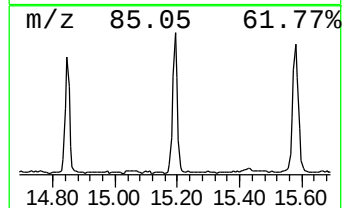
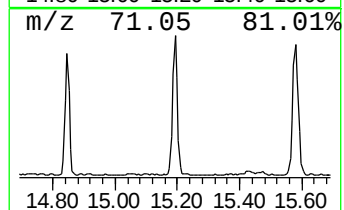
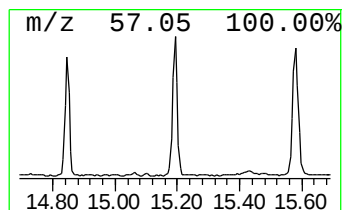
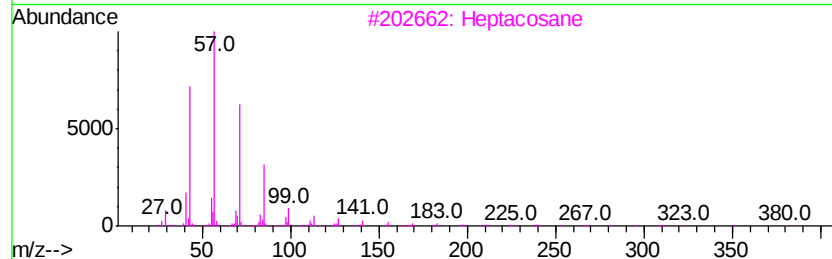
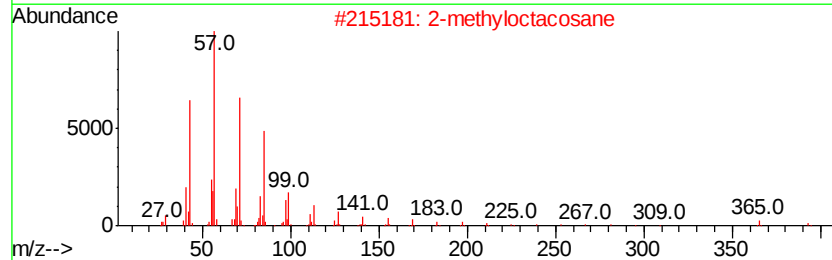
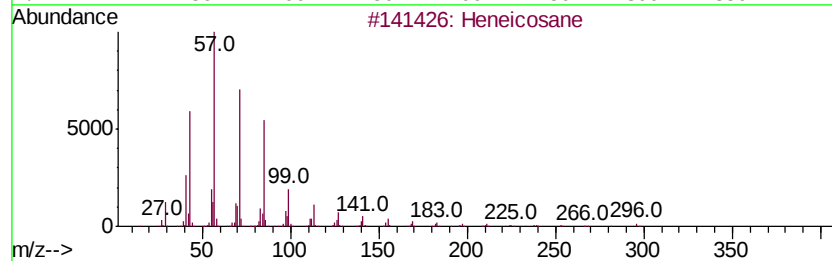
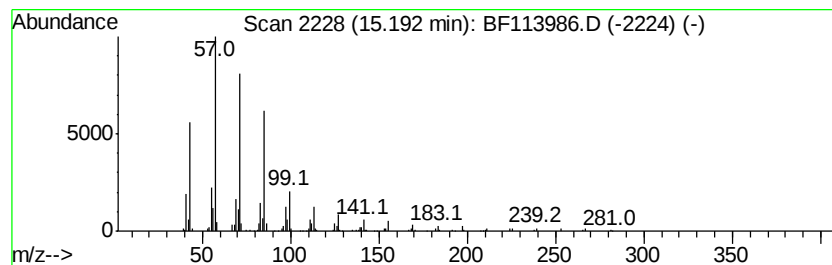
Instrument :
BNA_F
ClientSampleId :
HW-23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.36 ng	260147	Perylene-d12	15.54
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		Heptacosane	380 C27H56	000593-49-7 91
4		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 91
5		Hexadecane, 1-iodo-	352 C16H33I	000544-77-4 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113986.D
Acq On : 25 Apr 2019 19:09
Operator : JU/SJ
Sample : K2555-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-23

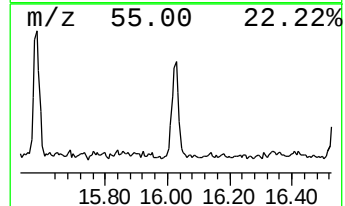
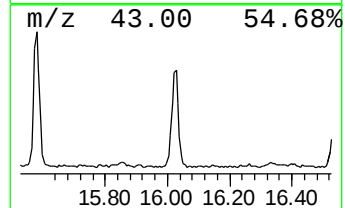
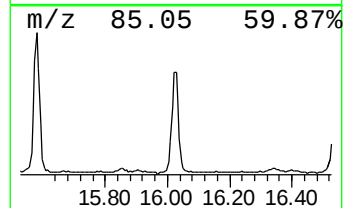
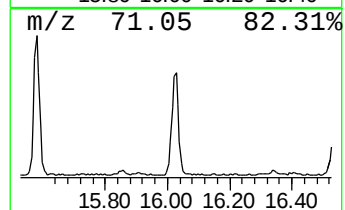
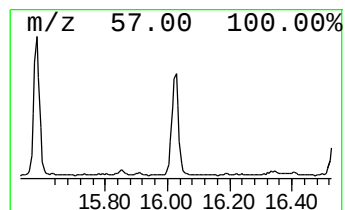
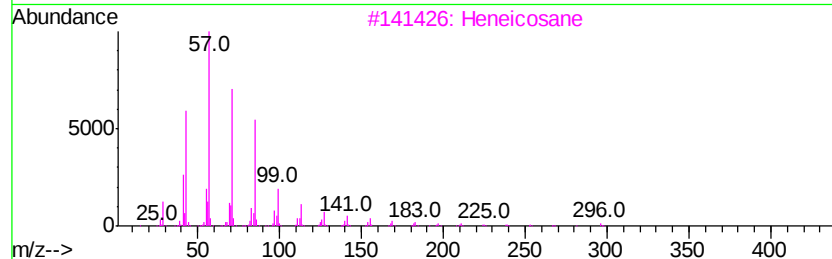
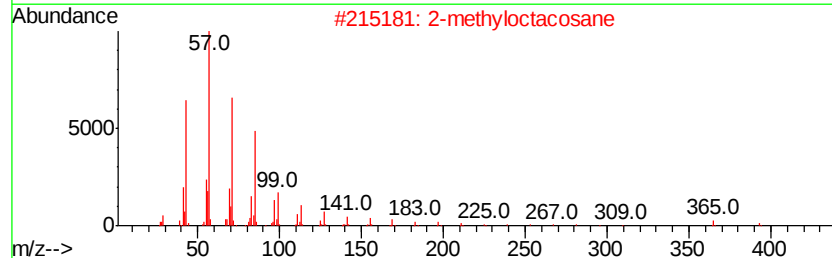
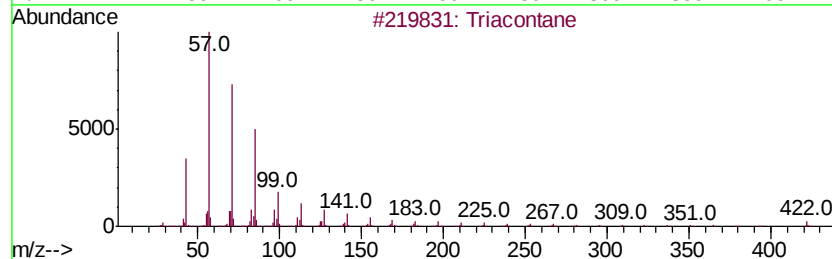
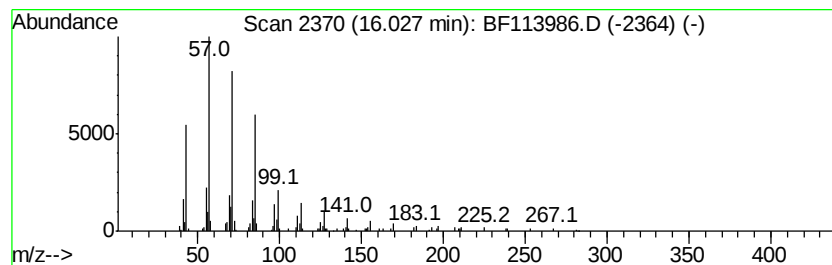
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.29 ng	256078	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113986.D
Acq On : 25 Apr 2019 19:09
Operator : JU/SJ
Sample : K2555-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-23

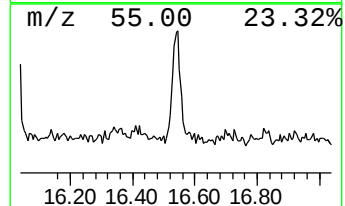
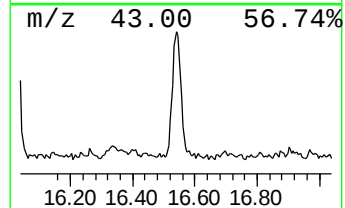
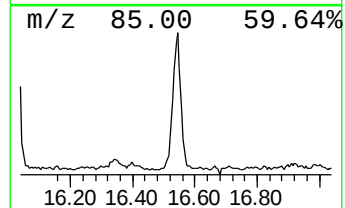
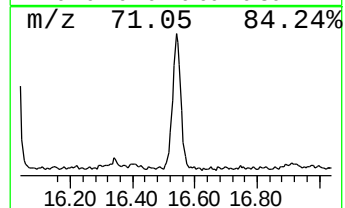
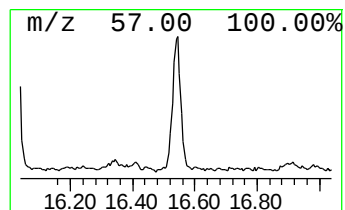
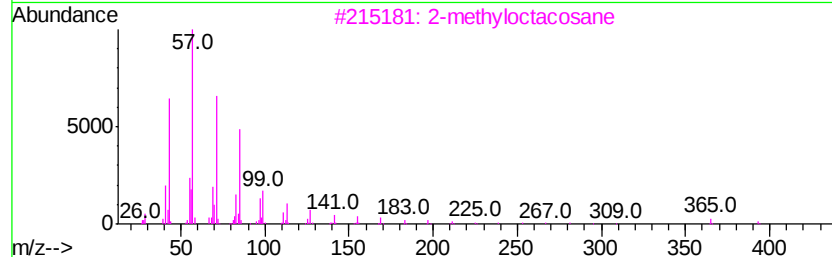
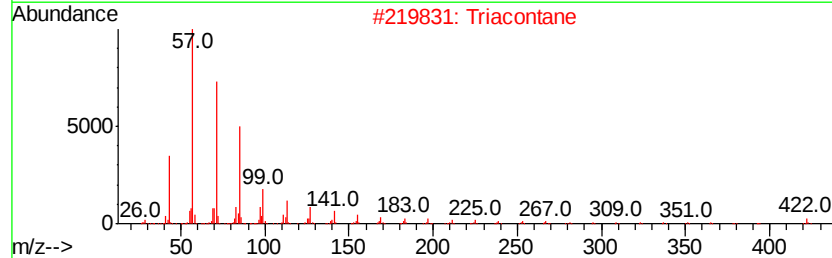
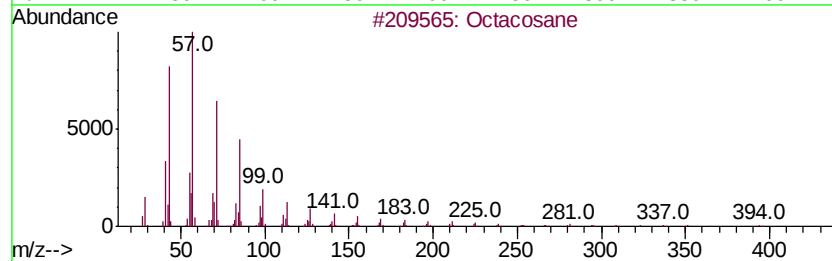
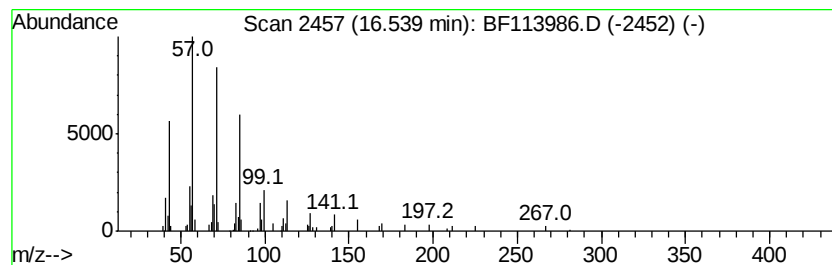
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.50 ng	149447	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042519\
Data File : BF113986.D
Acq On : 25 Apr 2019 19:09
Operator : JU/SJ
Sample : K2555-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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...	2.15	6.9	ng	207704	1	6.89	605288	20.0
unknown6.66	6.66	82.0	ng	2482760	1	6.89	605288	20.0
n-Hexadecanoic acid	11.94	7.5	ng	416214	4	11.42	1110150	20.0
Octadecanoic acid	12.73	5.6	ng	309543	4	11.42	1110150	20.0
Heneicosane	14.84	3.4	ng	202047	6	15.54	1194570	20.0
2-methyloctacosane	15.19	4.4	ng	260147	6	15.54	1194570	20.0
Triacontane	16.03	4.3	ng	256078	6	15.54	1194570	20.0
Octacosane	16.54	2.5	ng	149447	6	15.54	1194570	20.0