

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
 Data File : BF112380.D
 Acq On : 4 Feb 2019 15:19
 Operator : JU/SJ
 Sample : K1312-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 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-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	2.140	3	9	16	rVB	157177	216137	4.60%	0.560%
2	5.063	501	506	518	rVB	133035	195034	4.15%	0.505%
3	5.469	571	575	595	rBV	3529499	3704124	78.89%	9.598%
4	6.481	742	747	764	rBV	3724653	3939569	83.90%	10.208%
5	6.610	764	769	772	rBV	4562901	4047597	86.20%	10.488%
6	6.828	803	806	814	rBV	922805	825118	17.57%	2.138%
7	6.987	829	833	837	rBV	3566938	3172891	67.57%	8.221%
8	7.392	897	902	905	rBV	2444673	2425440	51.65%	6.285%
9	8.110	1020	1024	1036	rBV	1116690	1050286	22.37%	2.721%
10	9.186	1202	1207	1210	rBV	4851028	4459670	94.98%	11.556%
11	9.581	1269	1274	1278	rBV	267621	231693	4.93%	0.600%
12	9.869	1318	1323	1331	rVB	1268744	1219069	25.96%	3.159%
13	10.657	1453	1457	1467	rBV	3098629	3095169	65.92%	8.020%
14	11.351	1571	1575	1589	rVB	1321787	1278547	27.23%	3.313%
15	11.875	1660	1664	1668	rBV	261157	268658	5.72%	0.696%
16	12.657	1794	1797	1804	rBV2	70799	90554	1.93%	0.235%
17	12.939	1840	1845	1848	rBV	5084366	4695568	100.00%	12.167%
18	13.821	1992	1995	2004	rBV2	417098	511299	10.89%	1.325%
19	13.998	2021	2025	2030	rBV	1303189	1251645	26.66%	3.243%
20	14.145	2047	2050	2054	rBV	75524	72538	1.54%	0.188%
21	14.451	2098	2102	2111	rBV	120699	162590	3.46%	0.421%
22	14.751	2149	2153	2159	rBV	162576	169849	3.62%	0.440%
23	15.080	2206	2209	2213	rVB	156527	167340	3.56%	0.434%
24	15.463	2268	2274	2285	rBV	863776	1137399	24.22%	2.947%
25	15.886	2341	2346	2350	rBV2	89825	129427	2.76%	0.335%
26	16.380	2425	2430	2435	rBV2	43035	75809	1.61%	0.196%

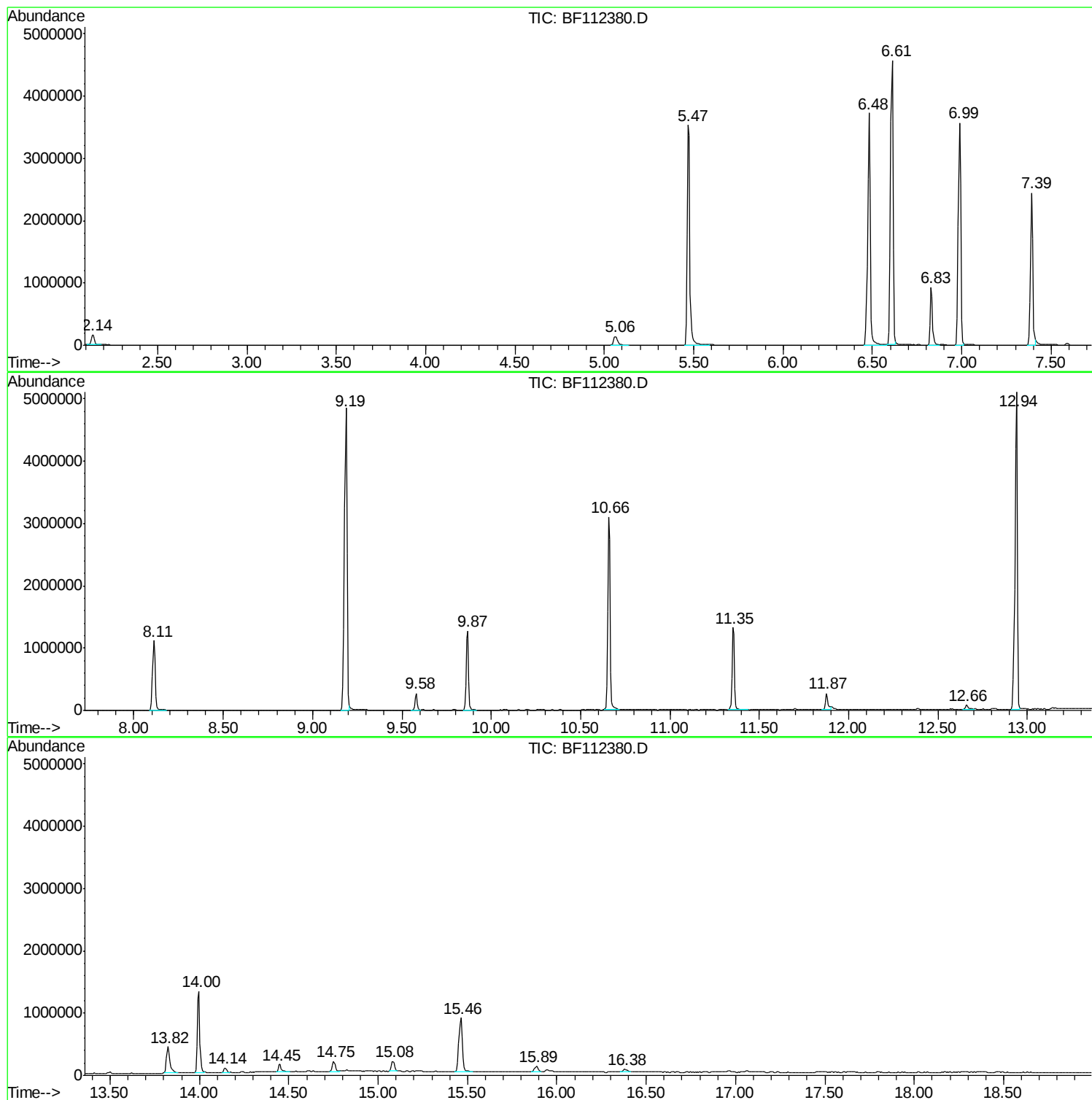
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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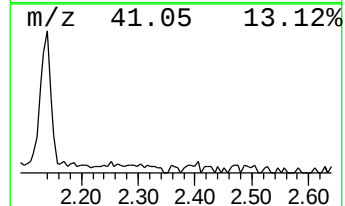
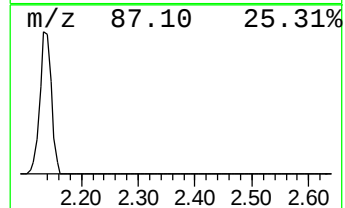
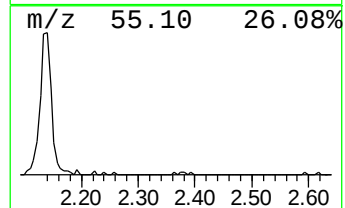
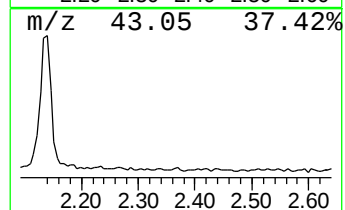
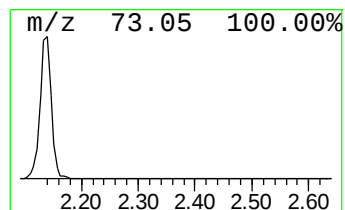
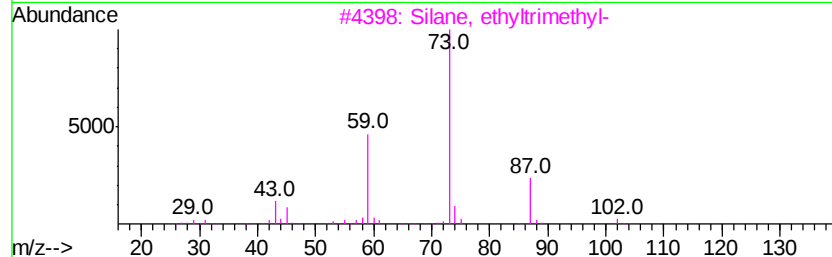
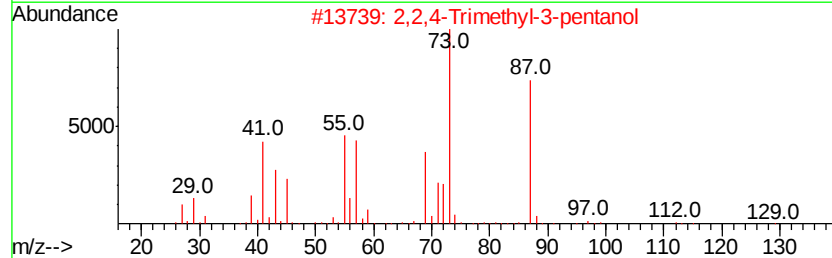
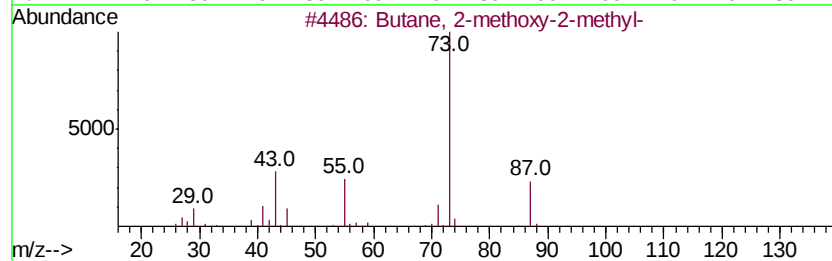
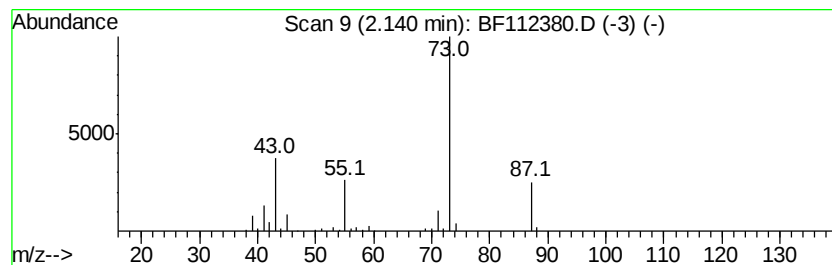
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.14	5.24 ng	216137	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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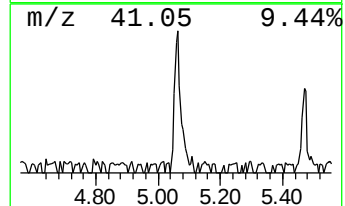
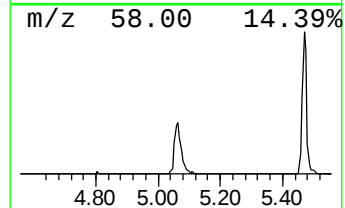
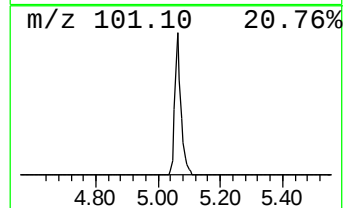
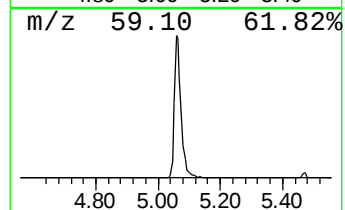
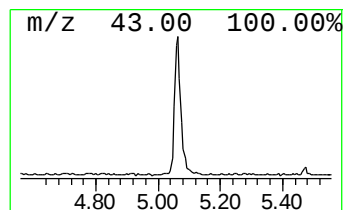
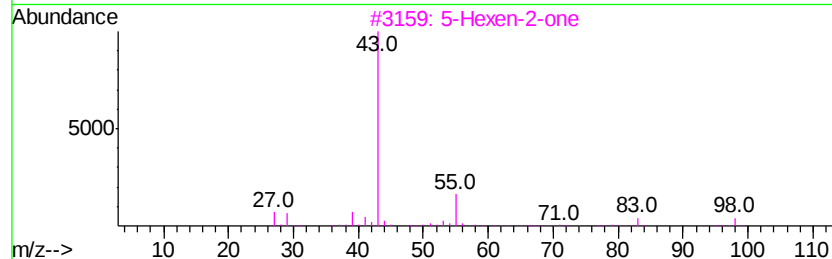
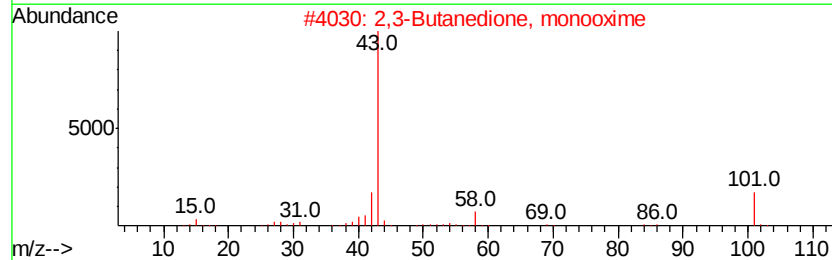
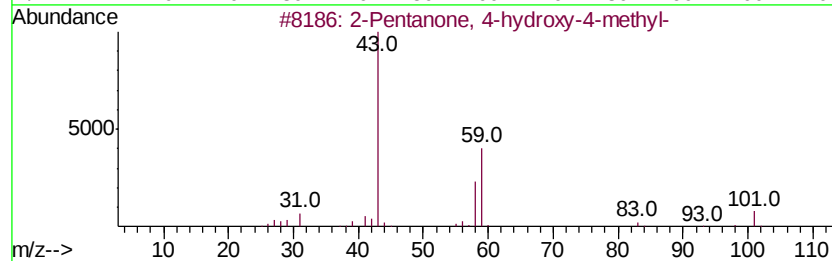
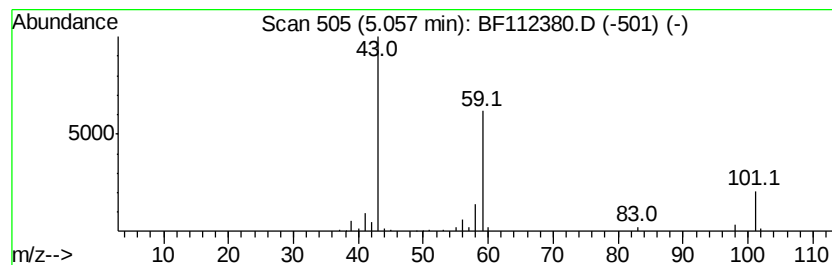
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	4.73 ng	195034	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9



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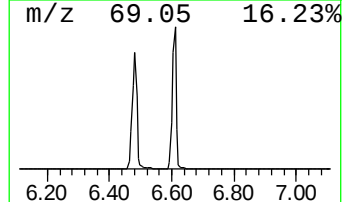
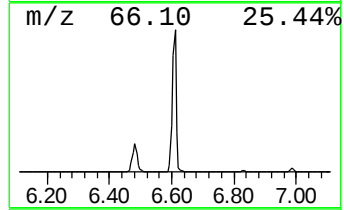
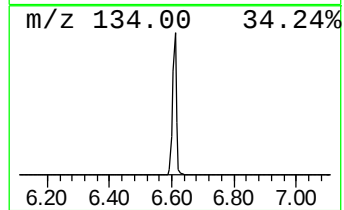
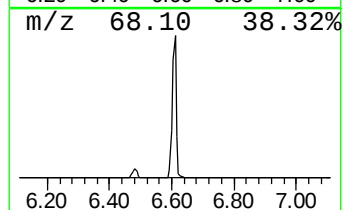
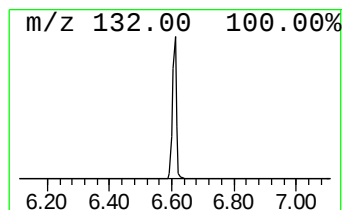
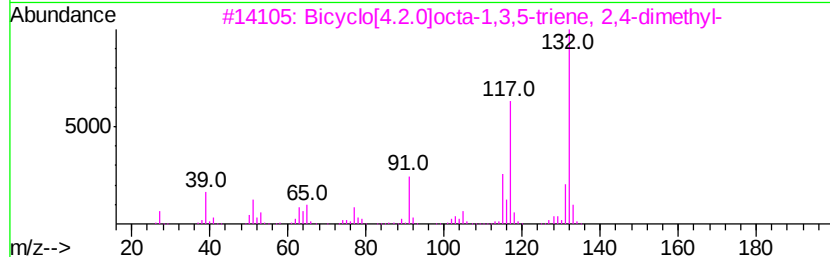
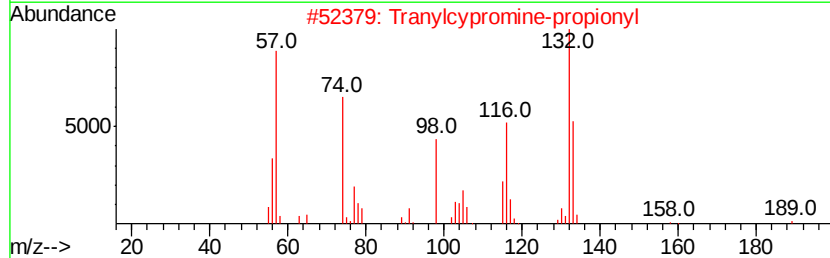
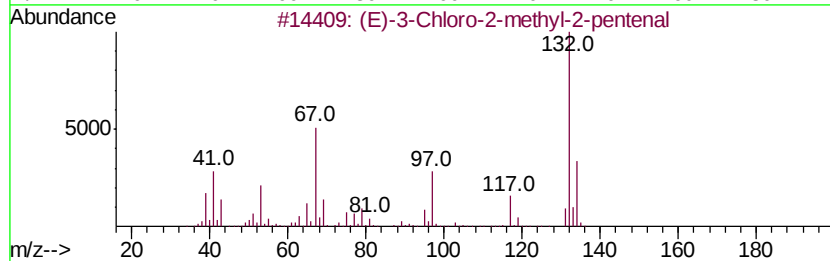
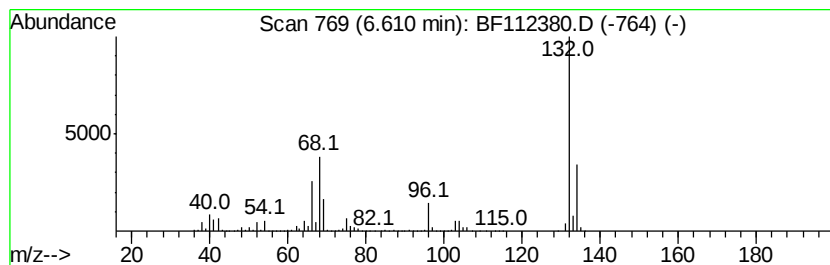
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	98.11 ng	4047600	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
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		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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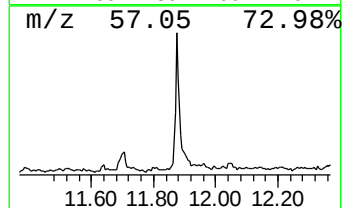
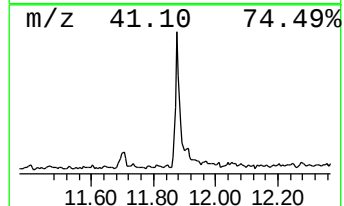
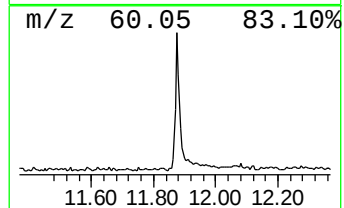
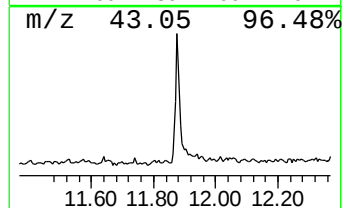
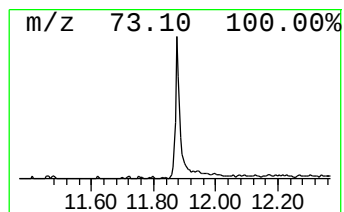
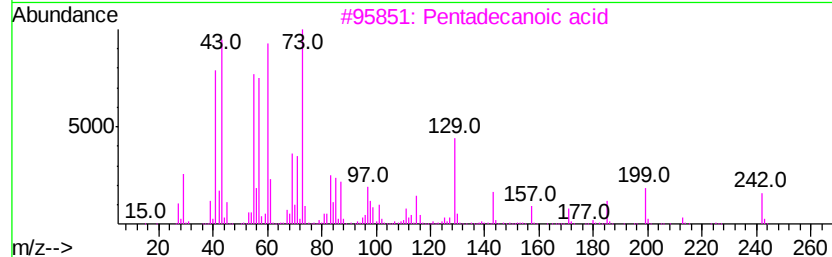
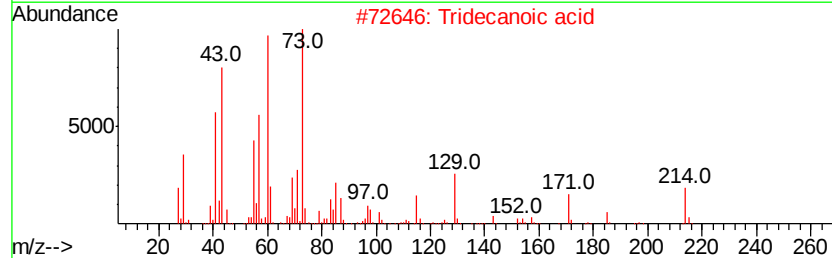
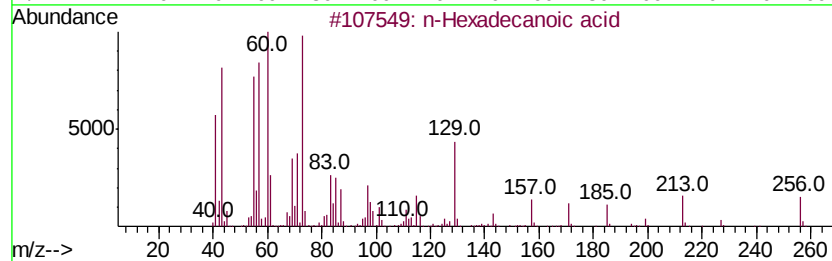
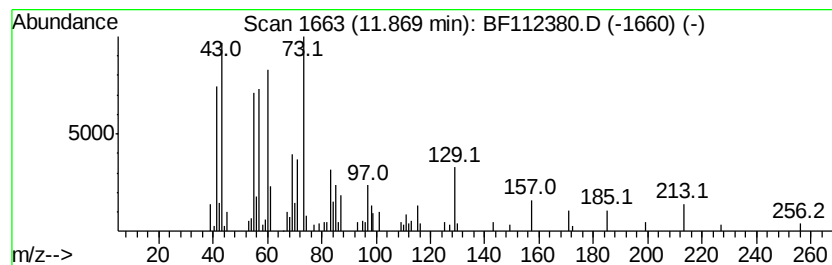
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.87	4.20 ng	268658	Phenanthrene-d10		11.35	
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	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	49



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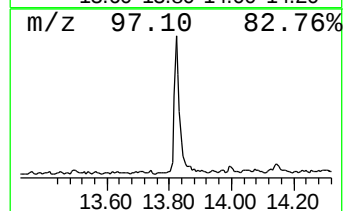
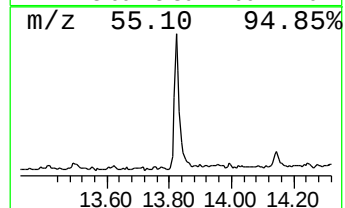
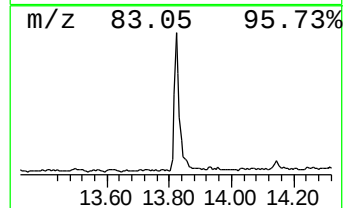
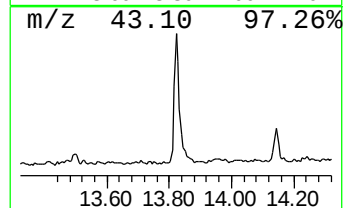
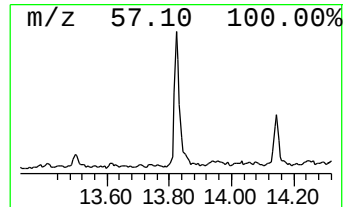
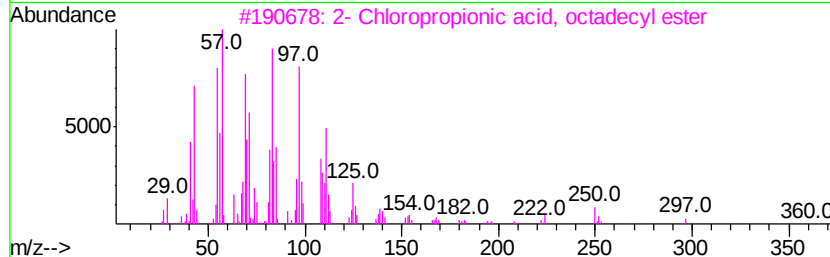
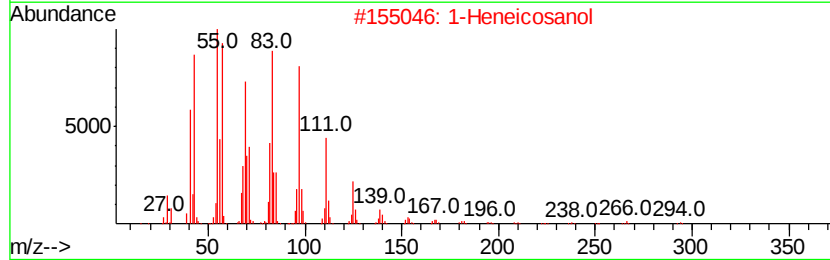
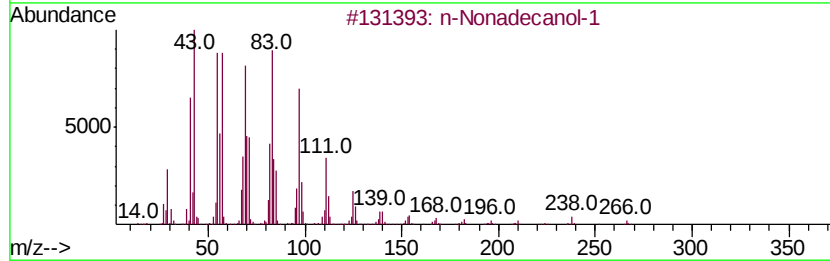
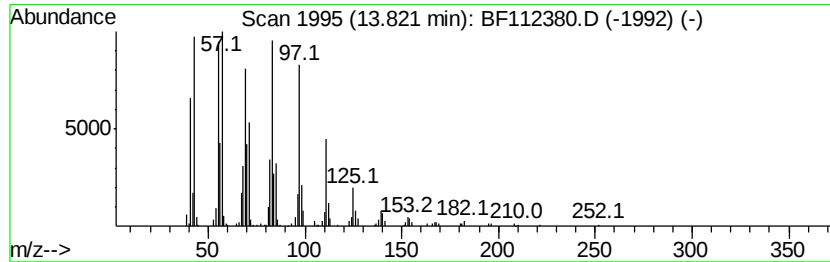
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.82	8.17 ng	511299	Chrysene-d12		14.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1		284	C19H40O	001454-84-8	95
2	1-Heneicosanol		312	C21H44O	015594-90-8	95
3	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	94
4	Trifluoroacetic acid, pentadecyl...		324	C17H31F3O2	959010-23-2	94
5	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94



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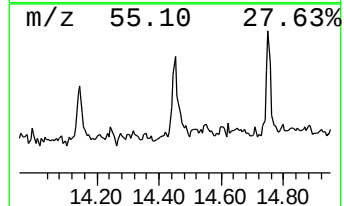
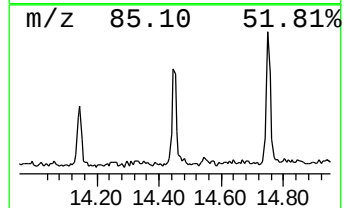
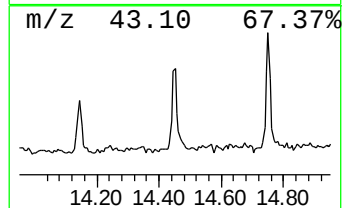
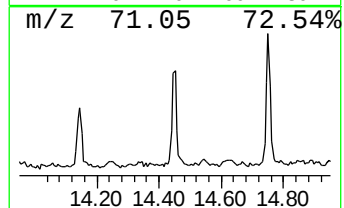
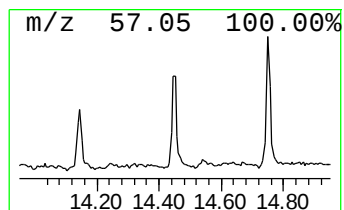
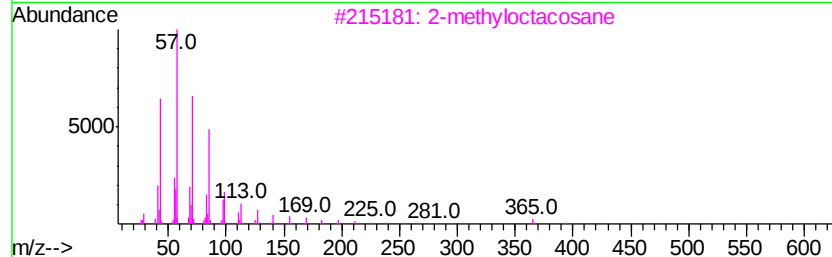
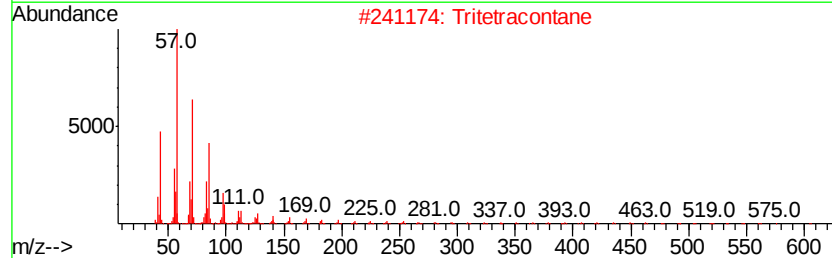
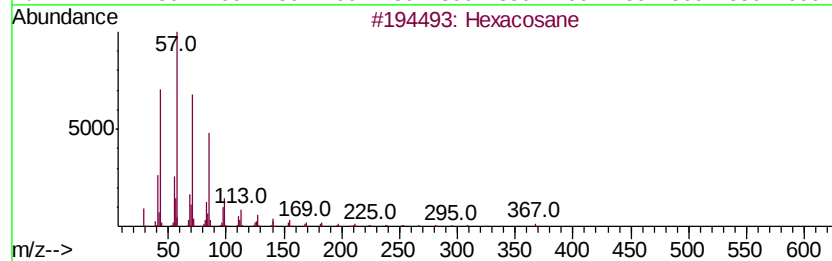
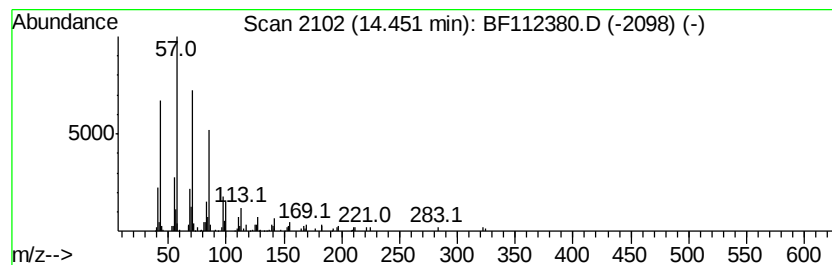
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

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

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

Peak Number 7 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.60 ng	162590	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	Tritetracontane	605 C43H88	007098-21-7	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	90
4	Tetratetracontane	619 C44H90	007098-22-8	90
5	Docosane	310 C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
Data File : BF112380.D
Acq On : 4 Feb 2019 15:19
Operator : JU/SJ
Sample : K1312-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

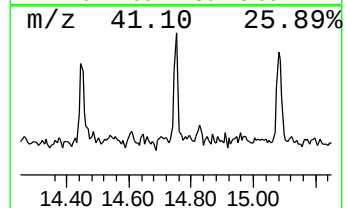
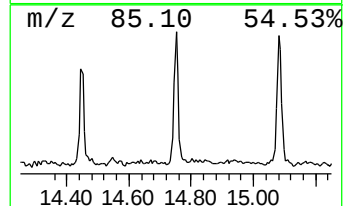
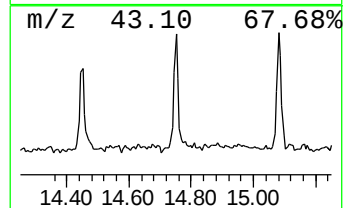
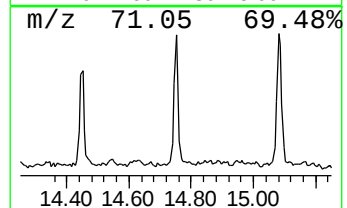
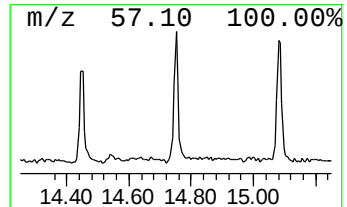
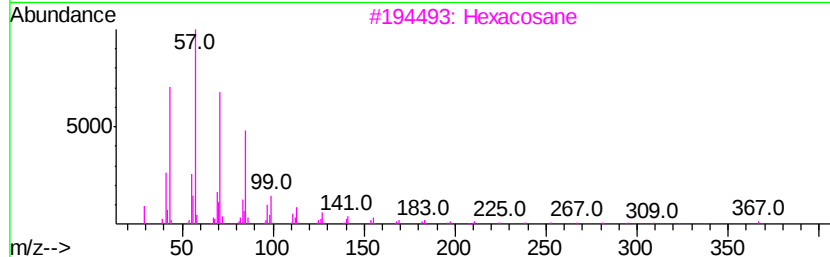
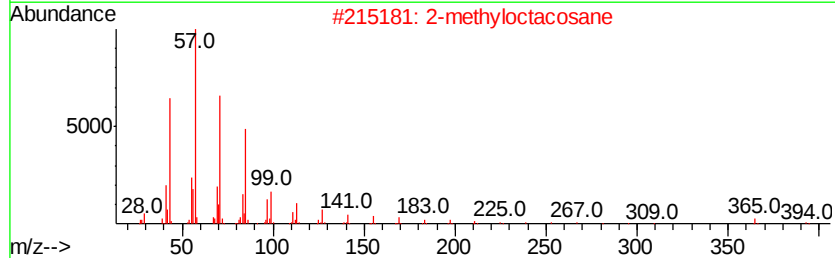
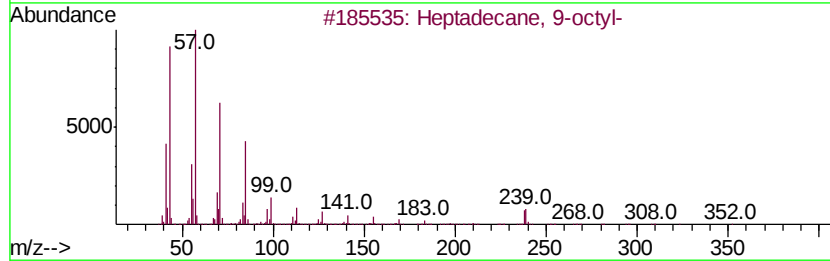
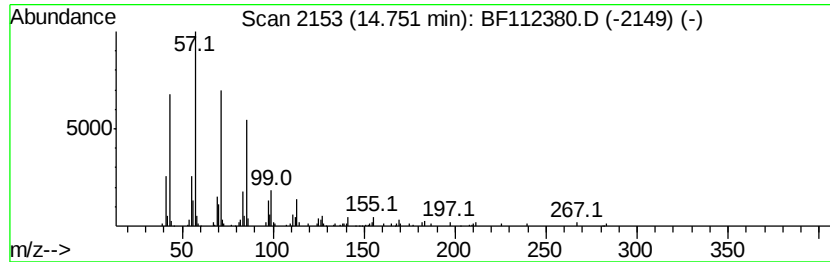
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.99 ng	169849	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
Data File : BF112380.D
Acq On : 4 Feb 2019 15:19
Operator : JU/SJ
Sample : K1312-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

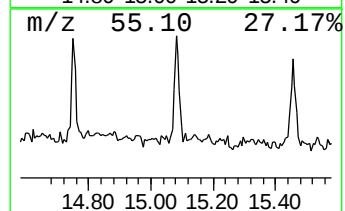
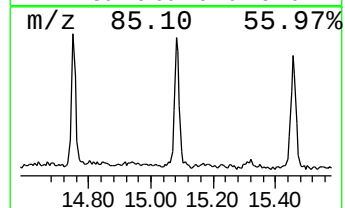
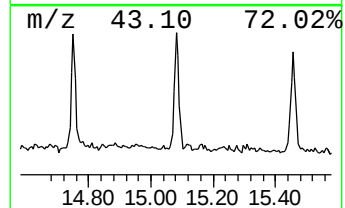
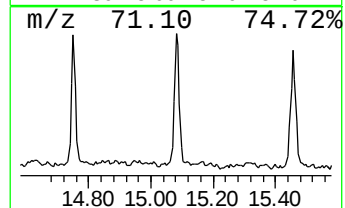
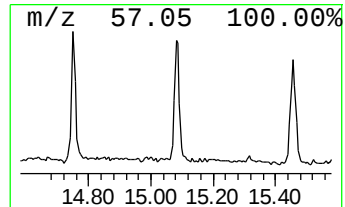
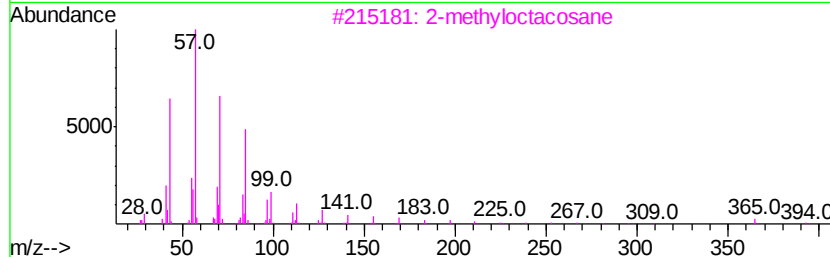
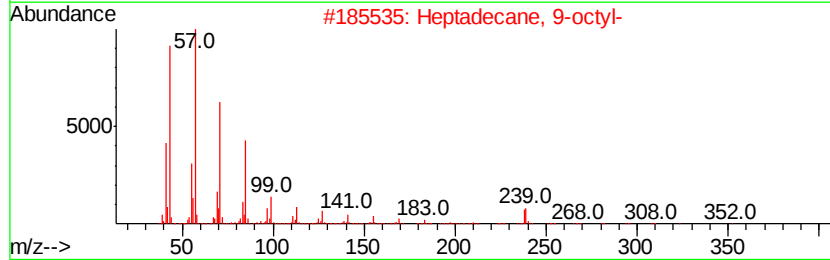
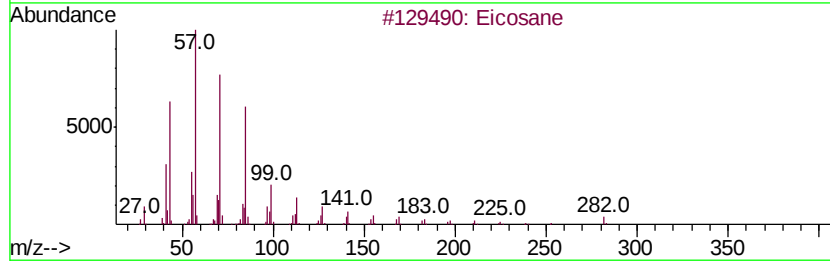
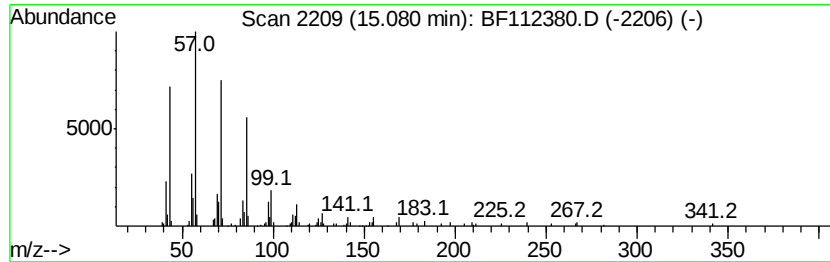
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ClientSampleId :
SOIL-PILE

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 9 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.94 ng	167340	Perylene-d12	15.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	94
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Tetracosane	338 C24H50	000646-31-1	91
5	Eicosane, 10-methyl-	296 C21H44	054833-23-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
Data File : BF112380.D
Acq On : 4 Feb 2019 15:19
Operator : JU/SJ
Sample : K1312-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

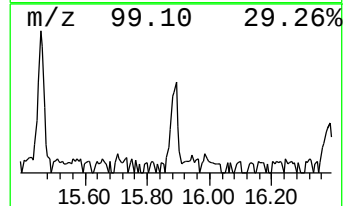
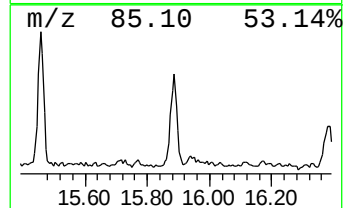
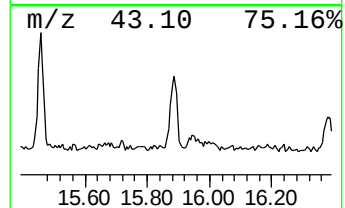
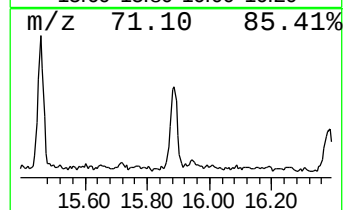
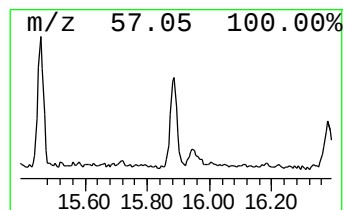
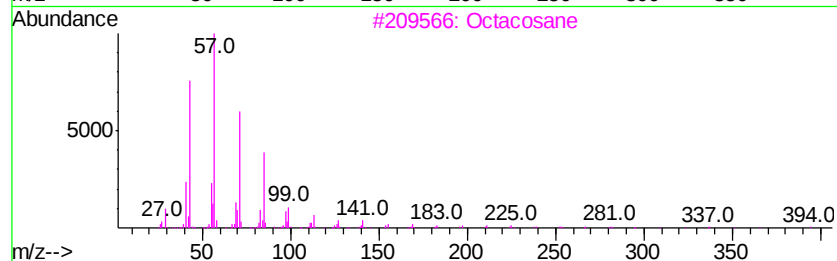
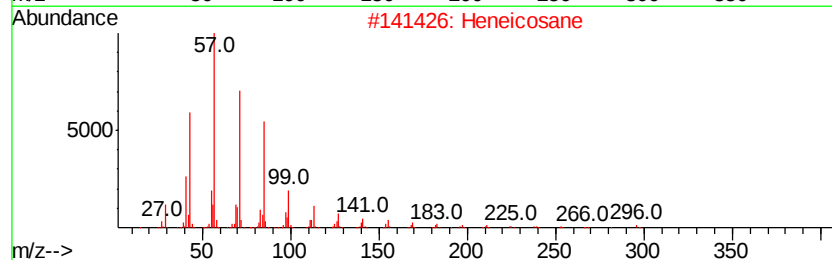
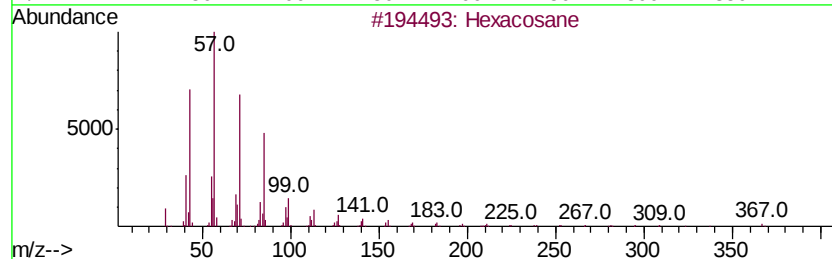
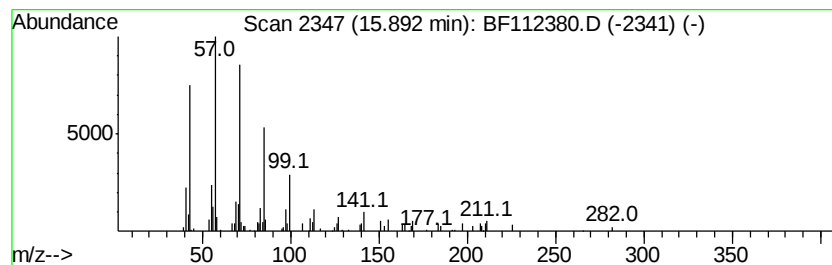
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.28 ng	129427	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
Data File : BF112380.D
Acq On : 4 Feb 2019 15:19
Operator : JU/SJ
Sample : K1312-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

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
Butane, 2-methoxy...	2.14	5.2	ng	216137	1	6.83	825118	20.0
2-Pentanone, 4-hy...	5.06	4.7	ng	195034	1	6.83	825118	20.0
unknown6.61	6.61	98.1	ng	4047600	1	6.83	825118	20.0
n-Hexadecanoic acid	11.87	4.2	ng	268658	4	11.35	1278550	20.0
n-Nonadecanol-1	13.82	8.2	ng	511299	5	14.00	1251650	20.0
Hexacosane	14.45	2.6	ng	162590	5	14.00	1251650	20.0
Heptadecane, 9-oc...	14.75	3.0	ng	169849	6	15.46	1137400	20.0
Eicosane	15.08	2.9	ng	167340	6	15.46	1137400	20.0
Heneicosane	15.89	2.3	ng	129427	6	15.46	1137400	20.0