

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109352.D
 Acq On : 26 Sep 2018 22:07
 Operator : JU/SJ
 Sample : J5074-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CA-SOIL-2

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-BF092218.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	4.893	474	477	484	rBV	47499	55374	3.71%	0.355%
2	5.316	545	549	562	rVB	1631084	1455998	97.54%	9.337%
3	6.345	719	724	734	rBV	1603922	1465935	98.21%	9.400%
4	6.475	742	746	749	rBV	1811808	1492710	100.00%	9.572%
5	6.704	782	785	789	rBV	587750	530461	35.54%	3.402%
6	6.863	808	812	816	rBV	1582235	1300360	87.11%	8.338%
7	7.263	876	880	883	rBV	1002599	887773	59.47%	5.693%
8	7.987	1000	1003	1007	rBV	762430	600024	40.20%	3.848%
9	9.063	1182	1186	1189	rBV	1707903	1354458	90.74%	8.685%
10	9.457	1249	1253	1256	rBV	453337	337839	22.63%	2.166%
11	9.739	1297	1301	1305	rBV	659736	581000	38.92%	3.726%
12	10.522	1430	1434	1440	rBV	939631	828792	55.52%	5.315%
13	10.645	1453	1455	1463	rVB2	18469	18550	1.24%	0.119%
14	11.216	1548	1552	1555	rBV	720450	598394	40.09%	3.837%
15	11.328	1567	1571	1577	rBV2	23337	33829	2.27%	0.217%
16	11.651	1622	1626	1635	rBV6	28084	58117	3.89%	0.373%
17	11.727	1635	1639	1640	rVV2	25035	23175	1.55%	0.149%
18	11.751	1640	1643	1651	rVB	102351	99660	6.68%	0.639%
19	12.422	1754	1757	1760	rBV	35112	29101	1.95%	0.187%
20	12.645	1790	1795	1798	rBV	34665	35774	2.40%	0.229%
21	12.751	1810	1813	1816	rBV2	20143	19021	1.27%	0.122%
22	12.798	1816	1821	1824	rVB	1507719	1437986	96.33%	9.221%
23	13.022	1854	1859	1860	rBV2	16283	17529	1.17%	0.112%
24	13.704	1971	1975	1985	rBV	218133	354431	23.74%	2.273%
25	13.839	1993	1998	2002	rBV	896124	797198	53.41%	5.112%
26	14.027	2027	2030	2033	rBV3	19493	23412	1.57%	0.150%
27	14.127	2045	2047	2054	rBV5	20335	28539	1.91%	0.183%
28	14.333	2078	2082	2087	rBV3	63336	130904	8.77%	0.839%
29	14.474	2103	2106	2109	rBV4	22536	24946	1.67%	0.160%
30	14.621	2129	2131	2134	rVB	27139	18653	1.25%	0.120%
31	14.692	2139	2143	2147	rVB	191838	205323	13.76%	1.317%
32	14.933	2181	2184	2188	rBV2	68577	73851	4.95%	0.474%
33	15.010	2194	2197	2200	rVB	33724	35723	2.39%	0.229%
34	15.239	2232	2236	2241	rBV	470206	570141	38.20%	3.656%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.686	2309	2312	2317	rBV	53639	69696	4.67%	0.447%
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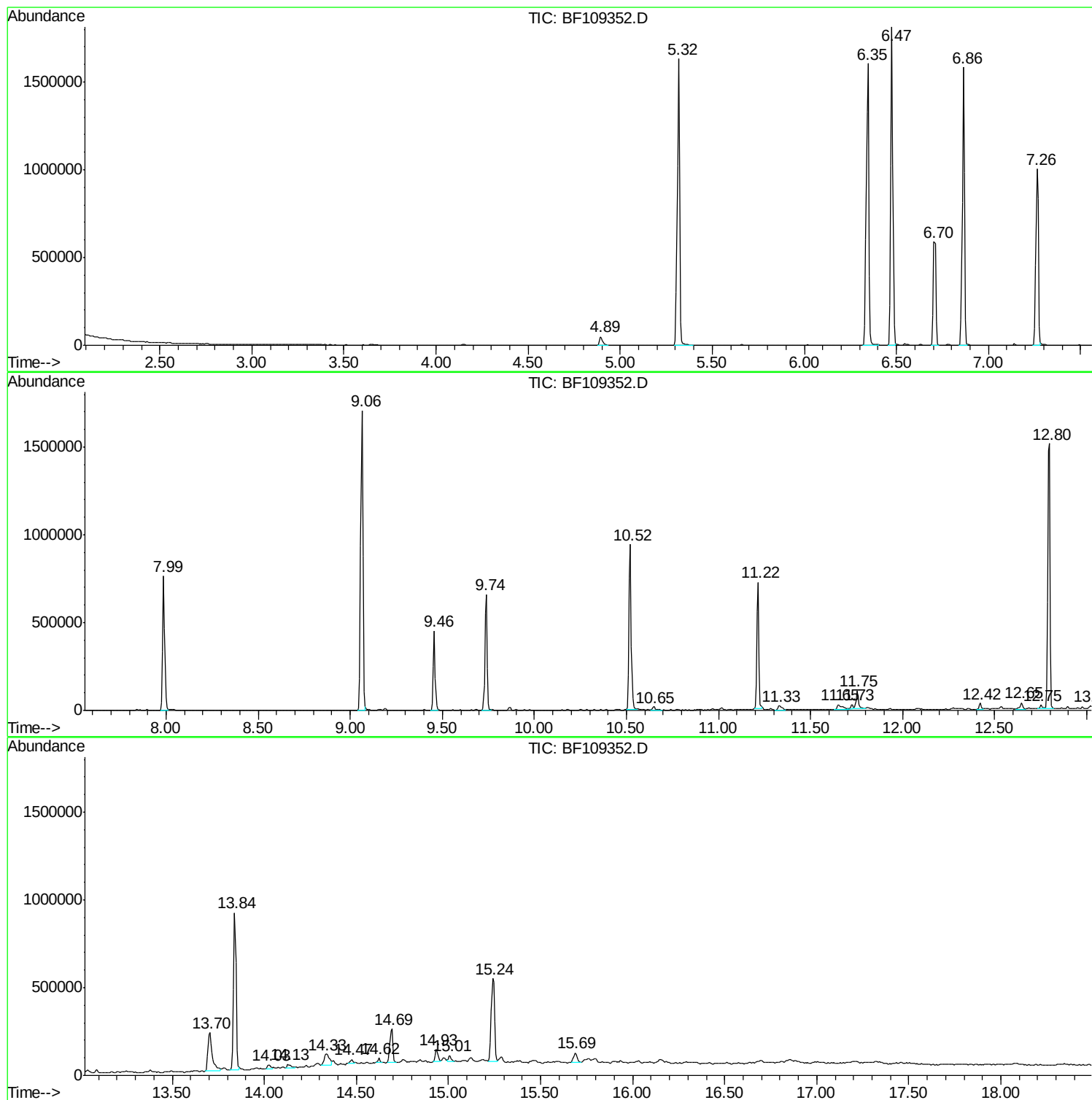
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampled :
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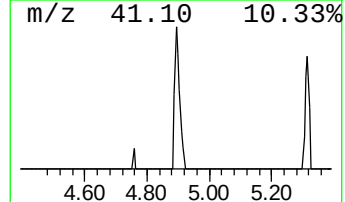
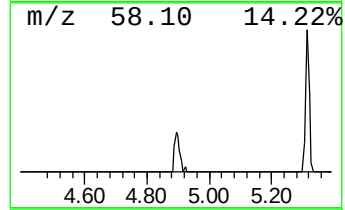
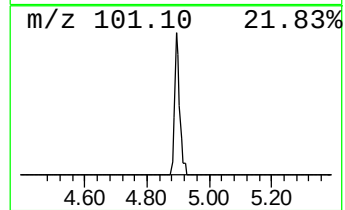
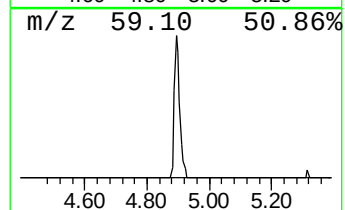
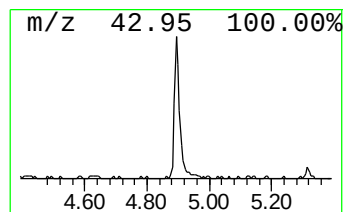
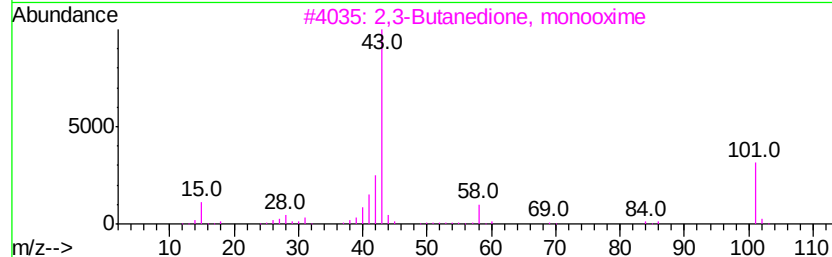
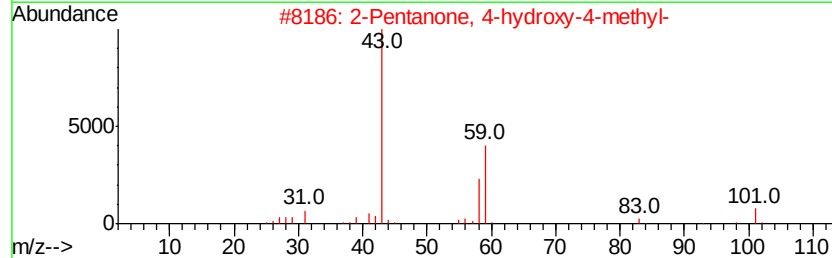
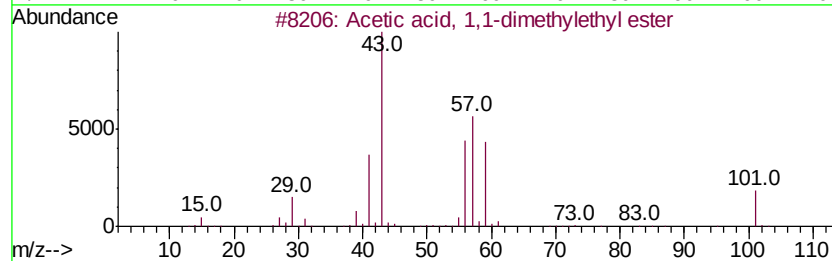
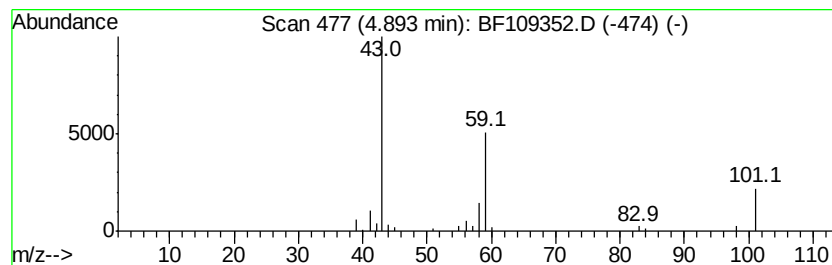
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Acetic acid, 1,1-dimethylet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	2.09 ng	55374	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



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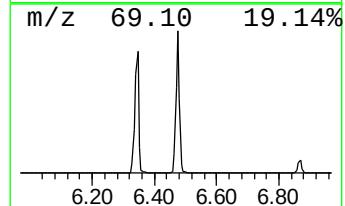
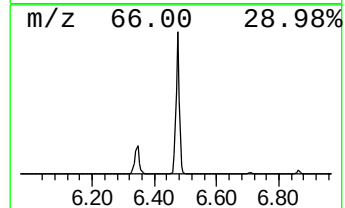
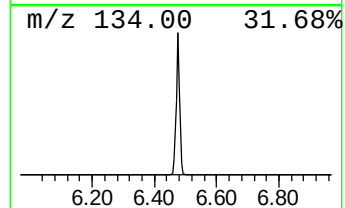
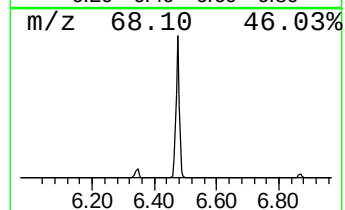
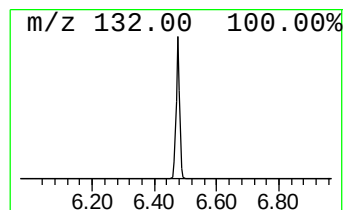
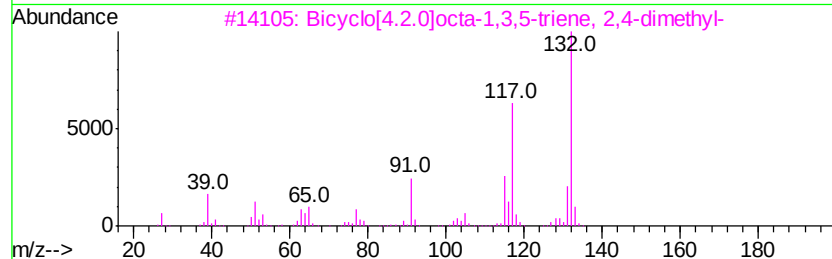
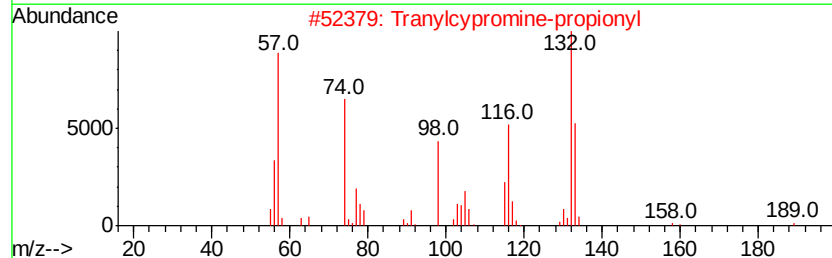
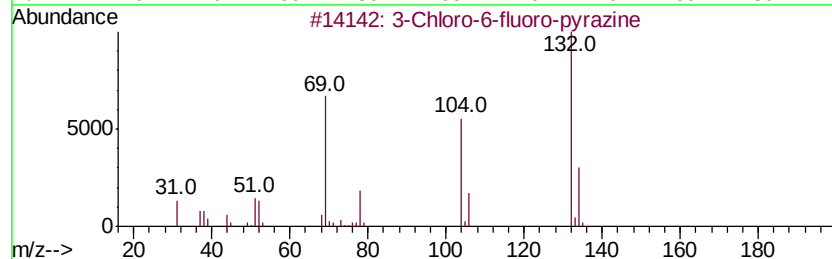
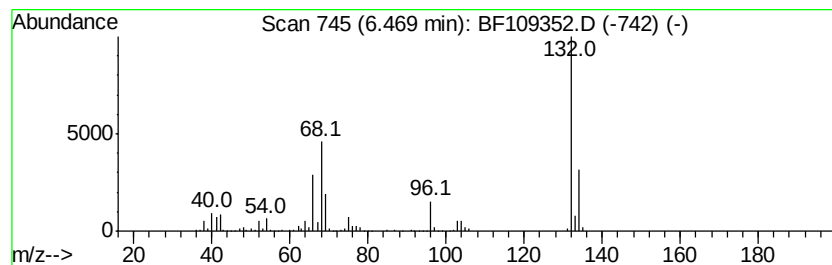
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	56.28 ng	1492710	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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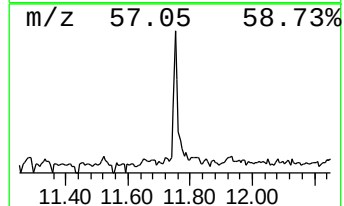
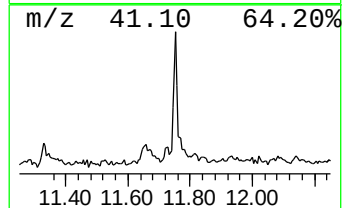
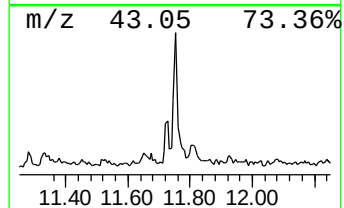
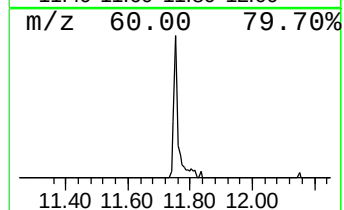
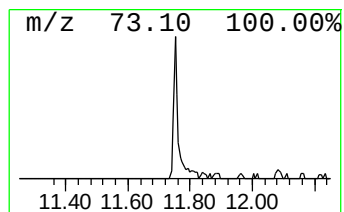
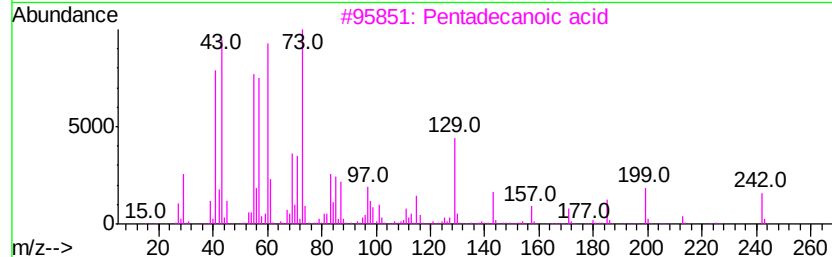
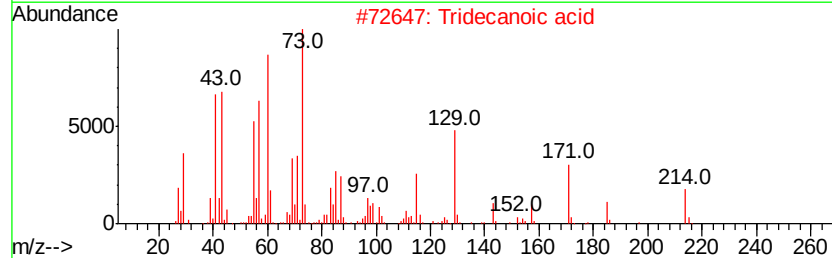
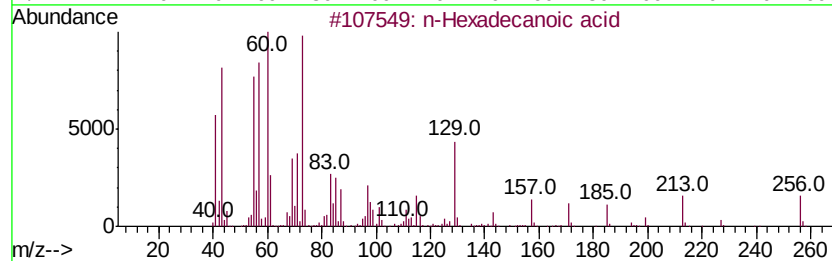
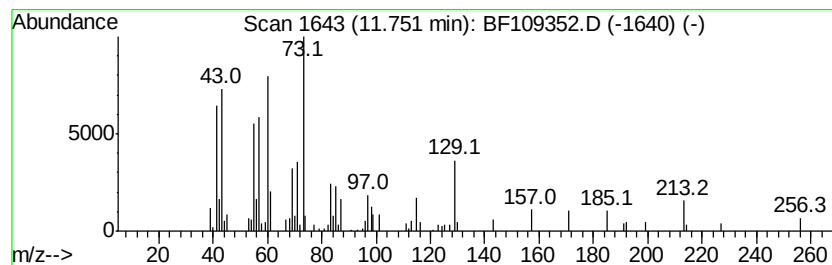
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.75	3.33 ng	99660	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	59



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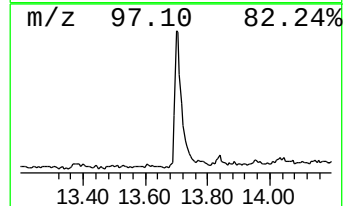
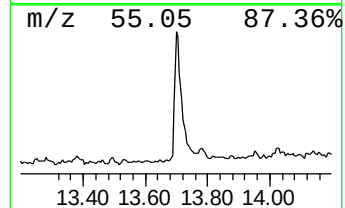
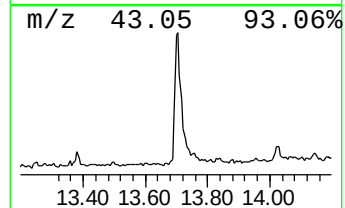
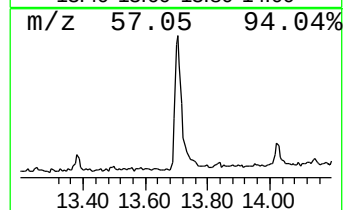
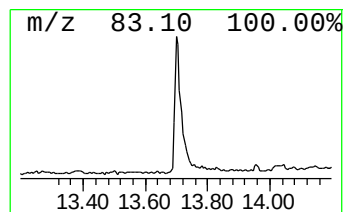
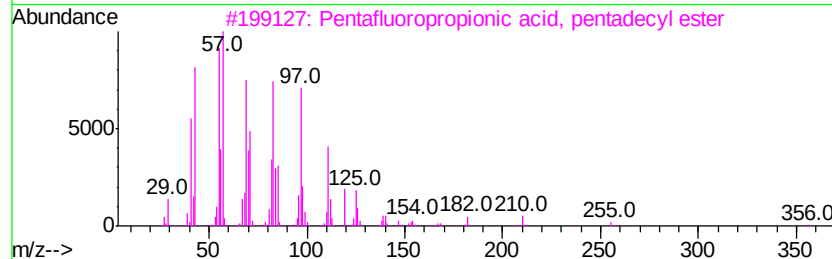
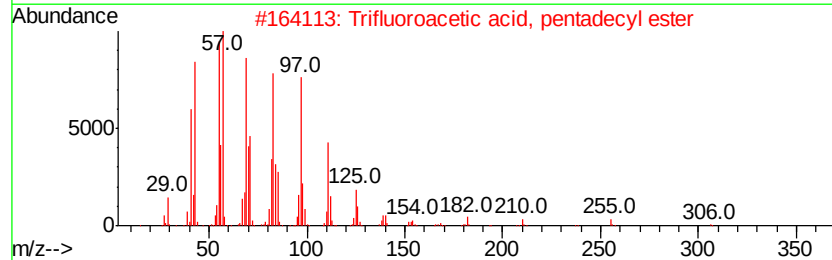
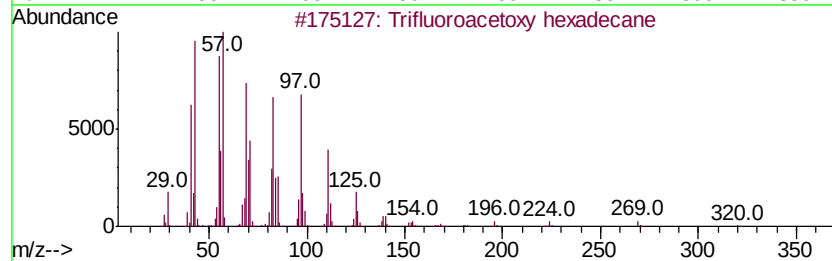
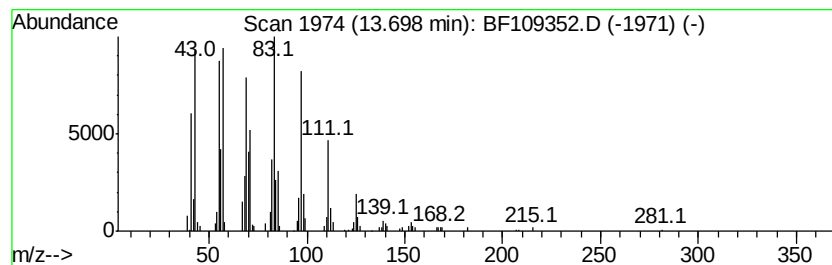
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	8.89 ng	354431	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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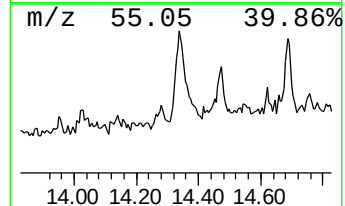
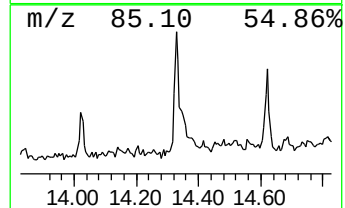
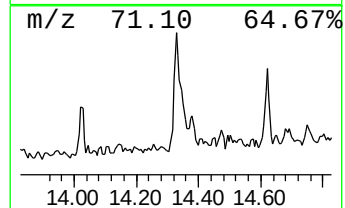
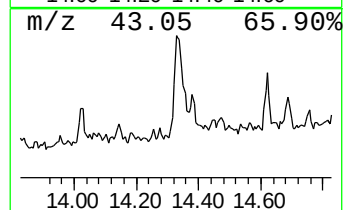
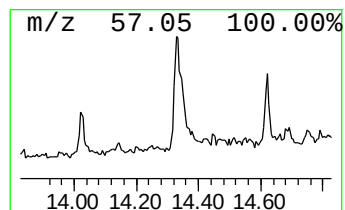
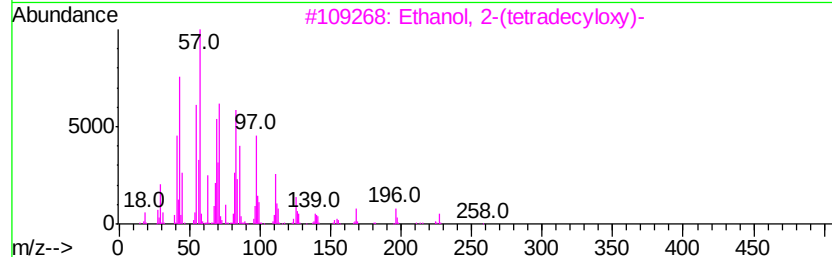
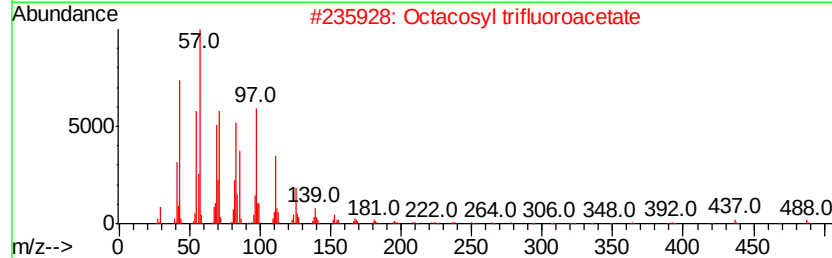
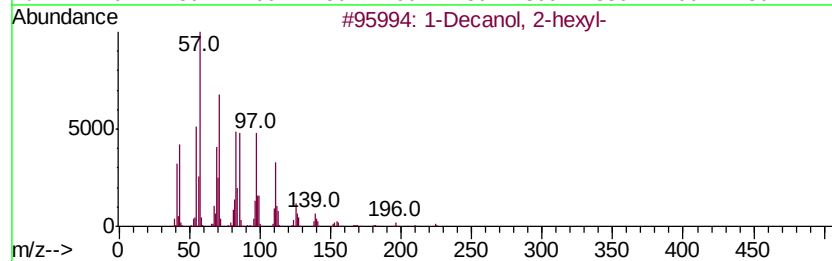
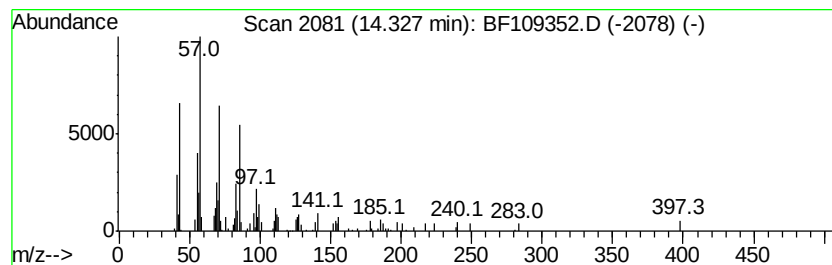
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Decanol, 2-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.33	3.28 ng	130904	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109352.D
Acq On : 26 Sep 2018 22:07
Operator : JU/SJ
Sample : J5074-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CA-SOIL-2

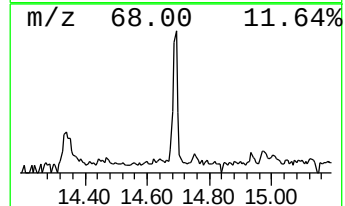
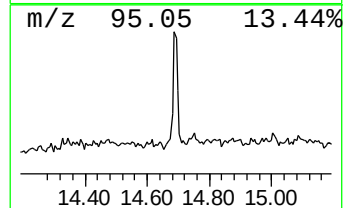
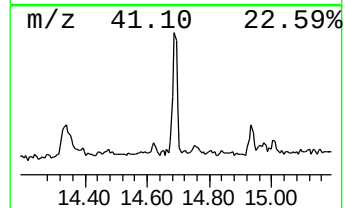
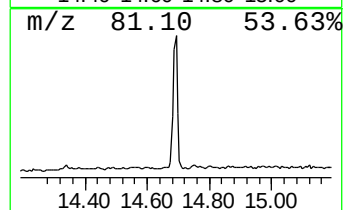
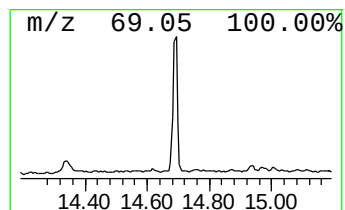
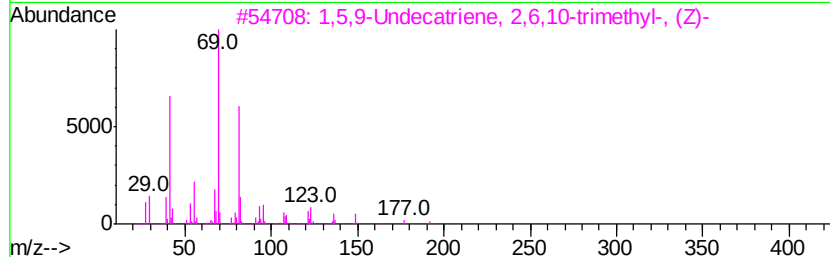
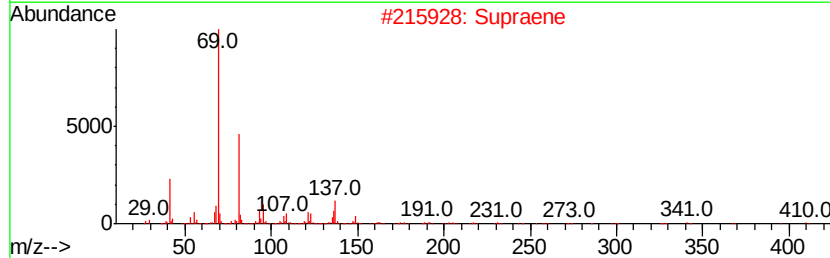
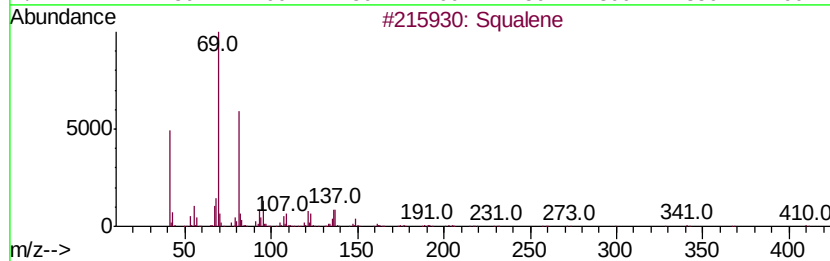
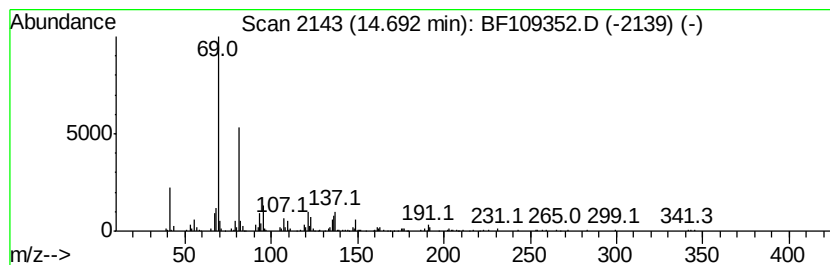
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	7.20 ng	205323	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	90
4		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H360	056882-09-8	83
5		Carbonic acid, methyl ester, [(E...	280	C17H28O3	1000164-38-7	64



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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CA-SOIL-2

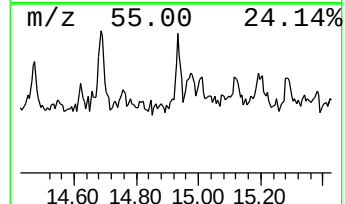
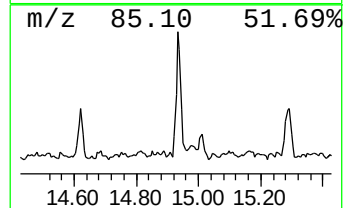
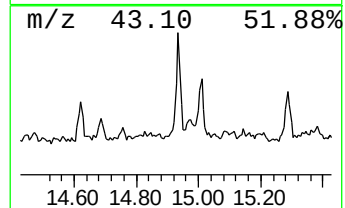
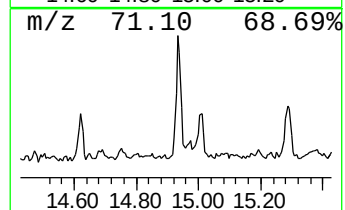
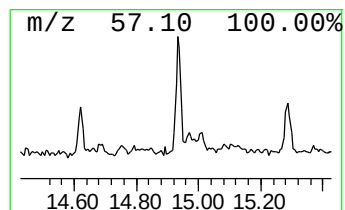
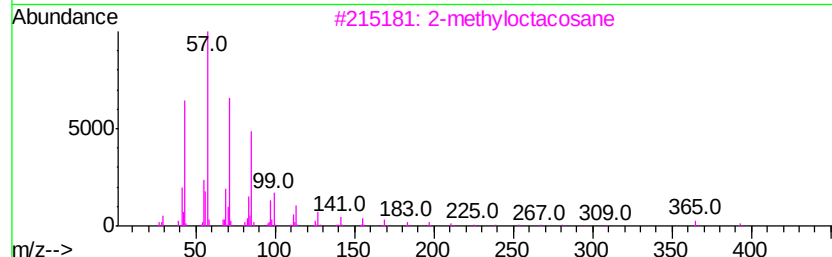
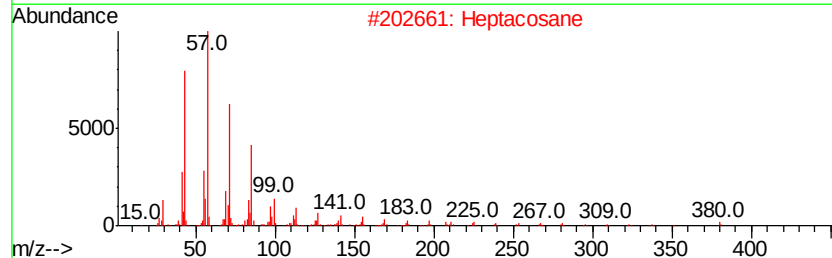
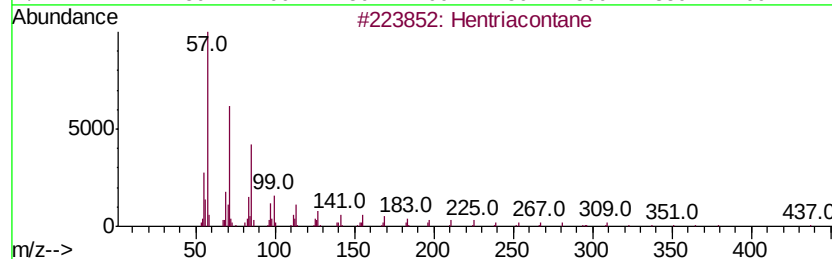
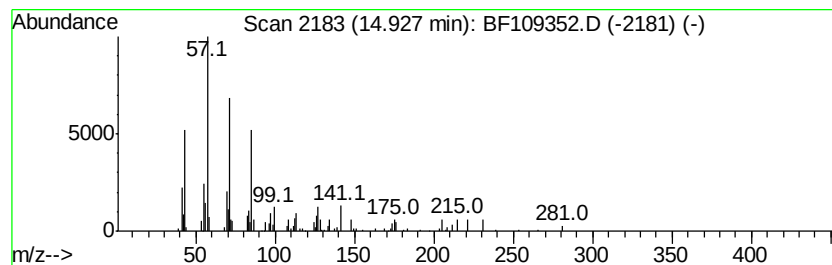
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.59 ng	73851	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Hexacosane		366	C26H54	000630-01-3	87
5	Heneicosane		296	C21H44	000629-94-7	87



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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CA-SOIL-2

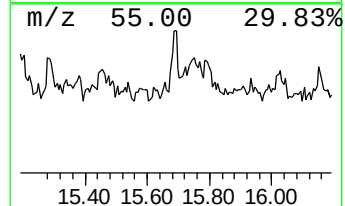
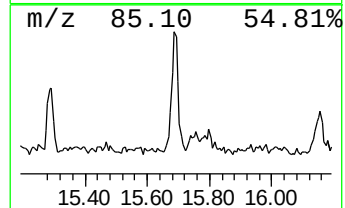
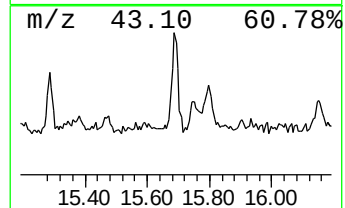
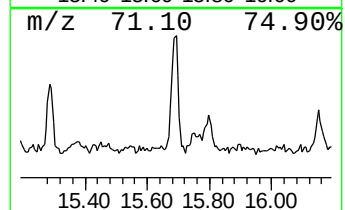
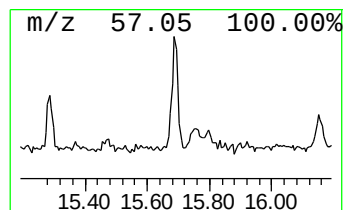
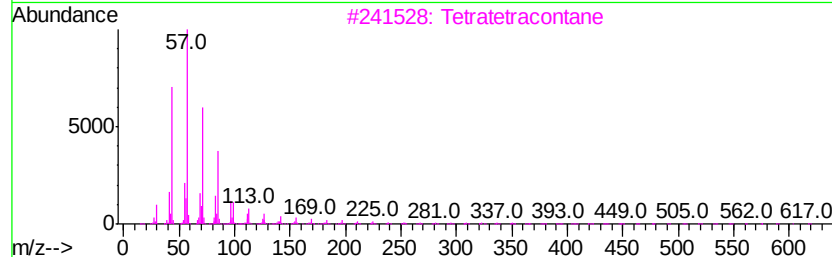
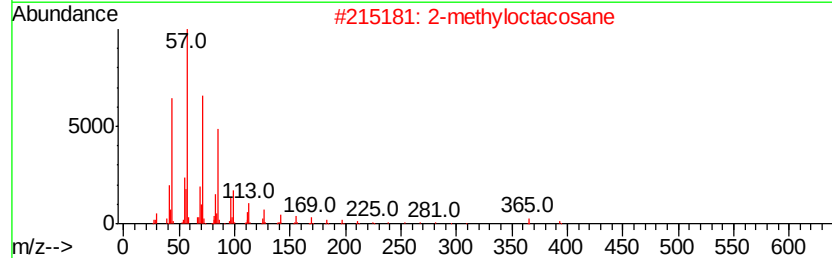
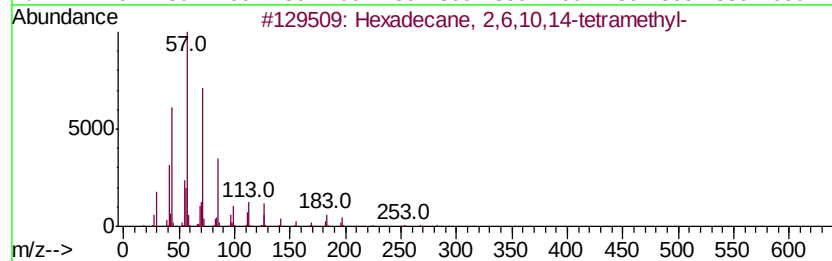
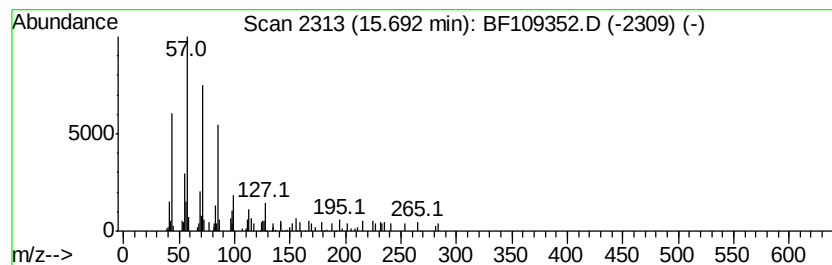
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.44 ng	69696	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2		2-methyloctacosane	408	C29H60	1000376-72-8	83
3		Tetratetracontane	619	C44H90	007098-22-8	83
4		Pentacosane	352	C25H52	000629-99-2	80
5		Hexacosane	366	C26H54	000630-01-3	80



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Sample : J5074-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CA-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
Acetic acid, 1,1-...	4.89	2.1 ng		55374	1	6.71	530461	20.0
unknown6.47	6.47	56.3 ng		1492710	1	6.71	530461	20.0
n-Hexadecanoic acid	11.75	3.3 ng		99660	4	11.22	598394	20.0
Trifluoroacetoxy ...	13.70	8.9 ng		354431	5	13.84	797198	20.0
1-Decanol, 2-hexyl-	14.33	3.3 ng		130904	5	13.84	797198	20.0
Squalene	14.69	7.2 ng		205323	6	15.24	570141	20.0
Hentriacontane	14.93	2.6 ng		73851	6	15.24	570141	20.0
Hexadecane, 2,6,1...	15.69	2.4 ng		69696	6	15.24	570141	20.0