

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126625.D
 Acq On : 20 Jan 2022 21:39
 Operator : CG/JU
 Sample : N1189-27
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-14

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-BF011822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126625.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.310	30	38	44	rBV	1346749	1780006	62.21%	7.577%
2	5.199	525	529	534	rVB	165431	189003	6.61%	0.804%
3	5.581	589	594	597	rBV	2809164	2551464	89.18%	10.860%
4	6.245	704	707	711	rBB	119570	103210	3.61%	0.439%
5	6.398	730	733	735	rBV	64821	51887	1.81%	0.221%
6	6.575	757	763	766	rBV	2764995	2728318	95.36%	11.613%
7	6.669	775	779	782	rVB	275537	219005	7.65%	0.932%
8	6.910	818	820	824	rVB	169978	145943	5.10%	0.621%
9	6.963	825	829	832	rVB	972646	744325	26.02%	3.168%
10	7.522	919	924	927	rBV	1961027	1825463	63.80%	7.770%
11	8.134	1025	1028	1032	rBV	138784	116779	4.08%	0.497%
12	8.245	1043	1047	1050	rBV	1199989	978107	34.19%	4.163%
13	9.322	1225	1230	1233	rBV	3392094	2861072	100.00%	12.178%
14	9.375	1236	1239	1245	rVB2	61866	58522	2.05%	0.249%
15	9.434	1245	1249	1252	rBV3	68249	54931	1.92%	0.234%
16	9.975	1335	1341	1343	rBV	47764	49657	1.74%	0.211%
17	10.004	1343	1346	1349	rBV	1325366	1074993	37.57%	4.576%
18	10.139	1364	1369	1371	rBV	71390	64976	2.27%	0.277%
19	10.792	1472	1480	1483	rBV	2006423	1731167	60.51%	7.369%
20	10.939	1502	1505	1508	rVB	86229	61131	2.14%	0.260%
21	11.498	1596	1600	1603	rBV	1388131	1151413	40.24%	4.901%
22	12.010	1683	1687	1693	rBV	89123	80150	2.80%	0.341%
23	12.175	1712	1715	1720	rBV2	88408	84809	2.96%	0.361%
24	12.798	1810	1821	1826	rBV5	71537	164879	5.76%	0.702%
25	12.898	1836	1838	1844	rVB6	39166	52537	1.84%	0.224%
26	13.086	1866	1870	1874	rVB	3014095	2811783	98.28%	11.968%
27	13.974	2018	2021	2032	rBV	158489	194525	6.80%	0.828%
28	14.145	2046	2050	2054	rBV	939569	783565	27.39%	3.335%
29	14.239	2063	2066	2071	rBV	43918	43814	1.53%	0.186%
30	14.616	2127	2130	2135	rBV2	29844	33010	1.15%	0.141%
31	14.927	2178	2183	2184	rBV2	33264	44085	1.54%	0.188%
32	15.674	2304	2310	2315	rBV	509518	624538	21.83%	2.658%
33	17.880	2676	2685	2691	rBV7	14363	34632	1.21%	0.147%

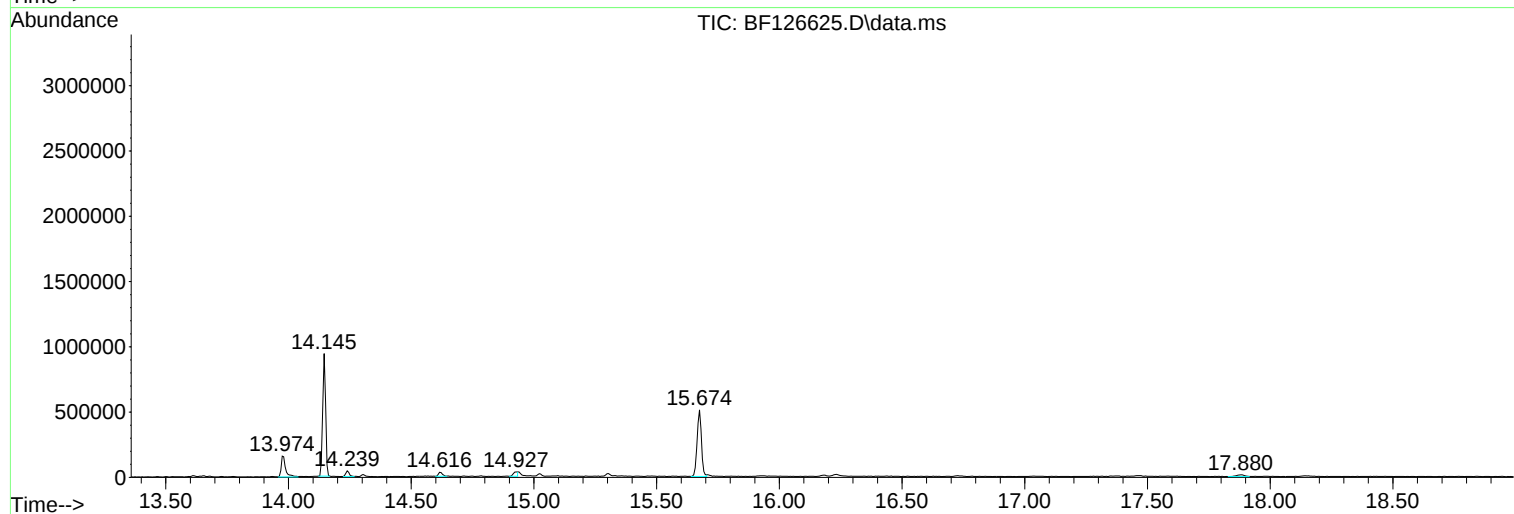
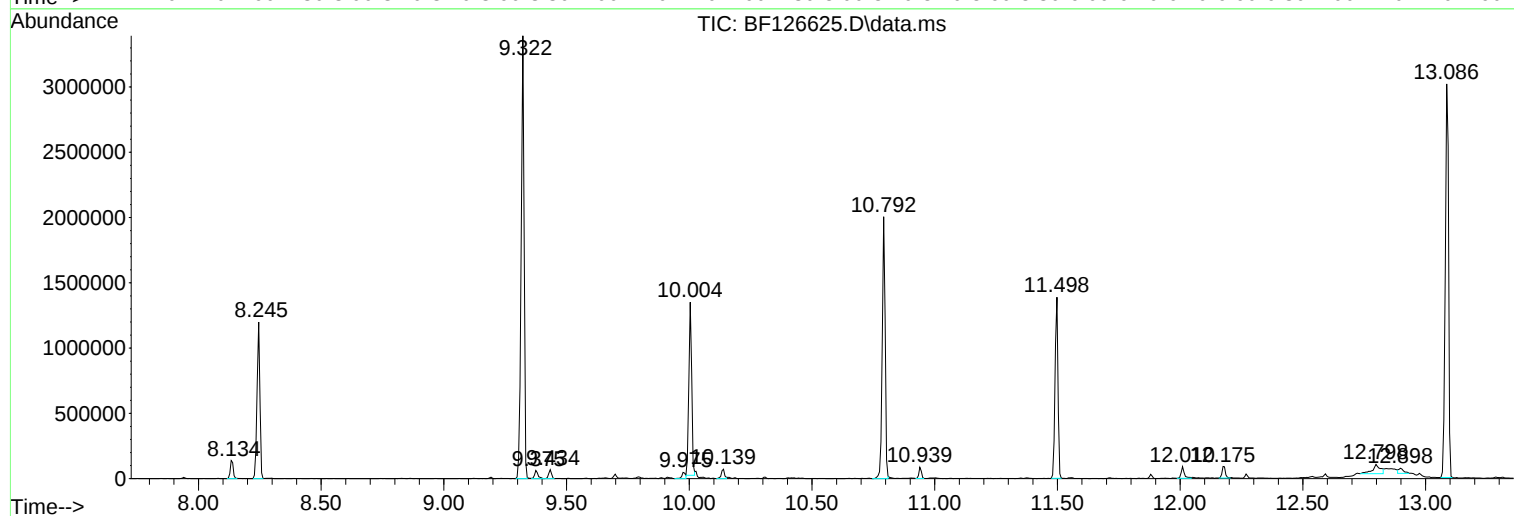
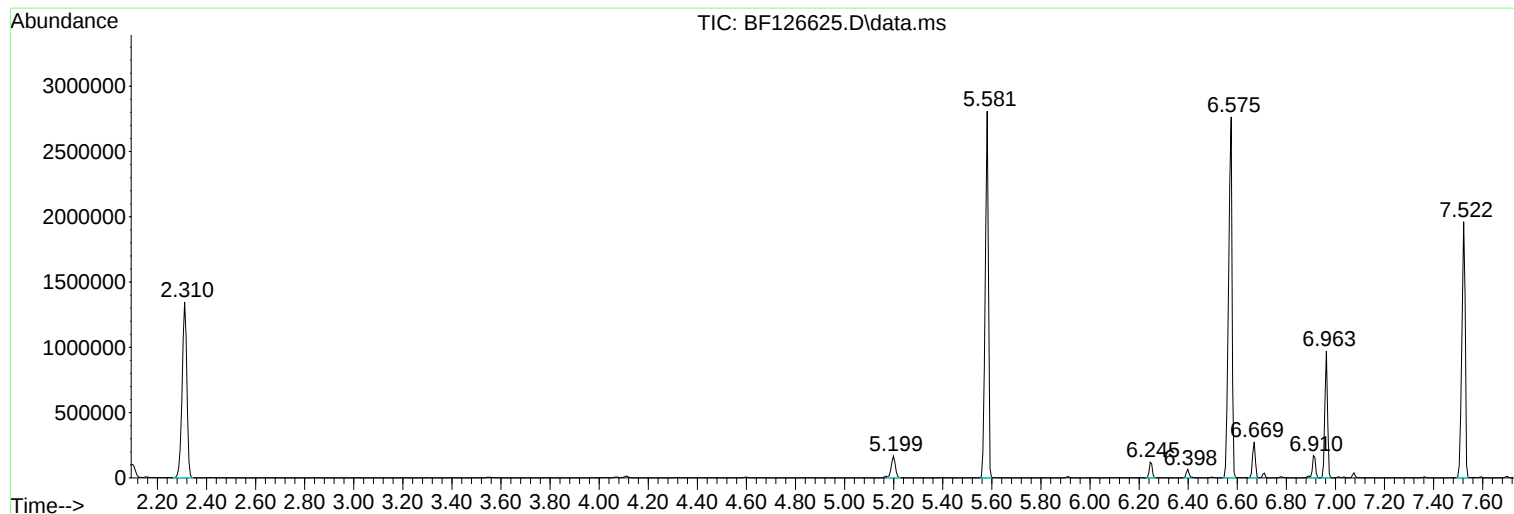
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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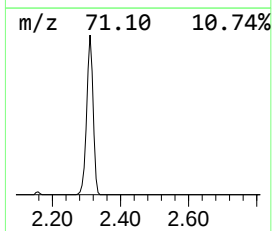
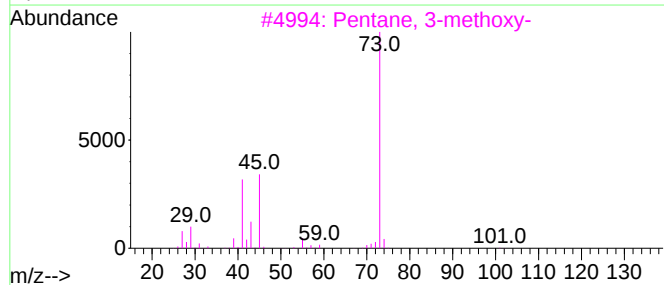
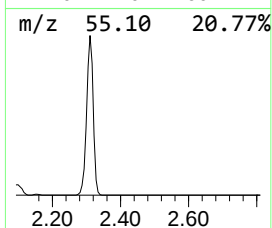
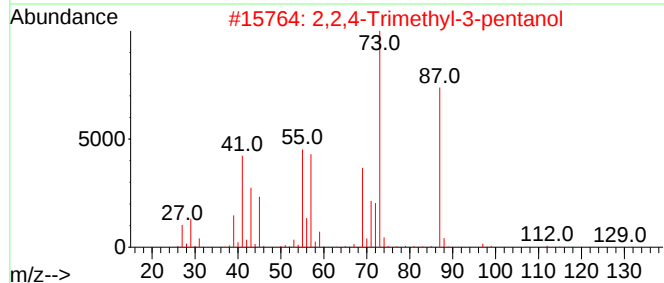
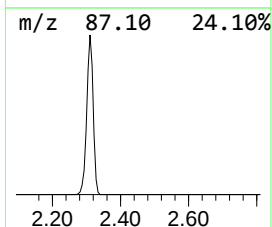
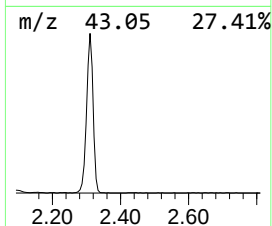
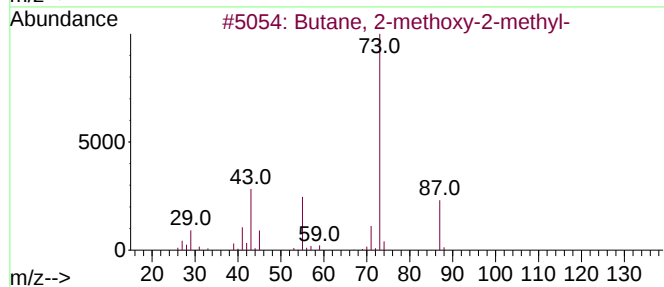
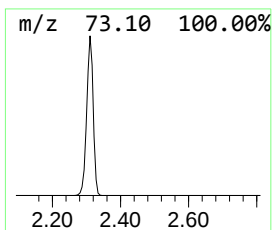
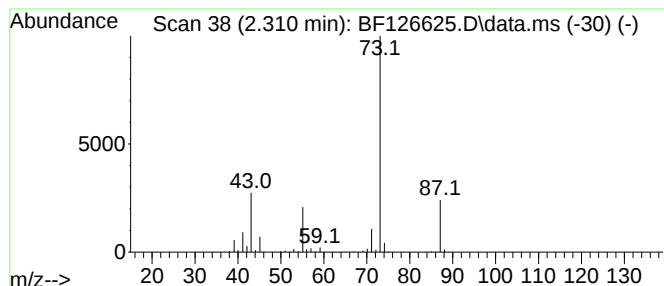
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.310	47.83 ng	1780010	1,4-Dichlorobenzene-d4	6.963

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			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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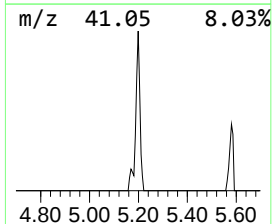
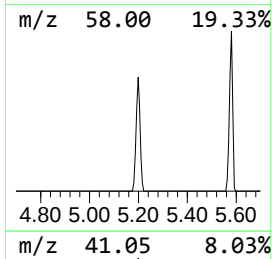
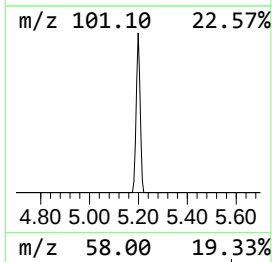
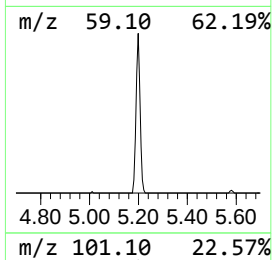
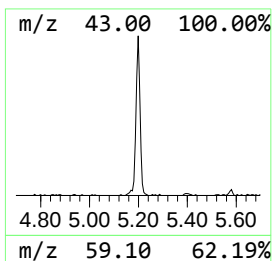
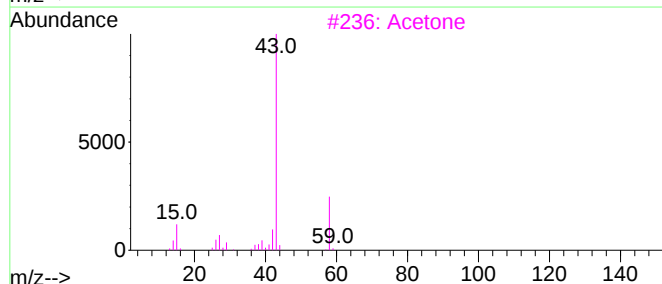
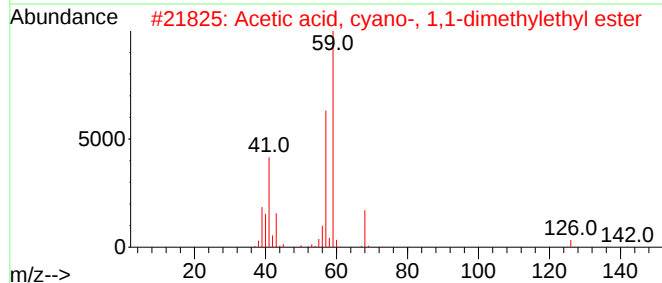
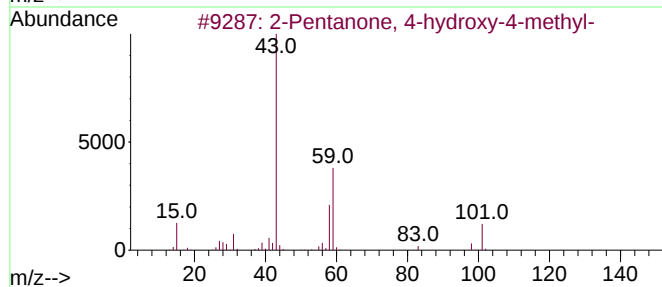
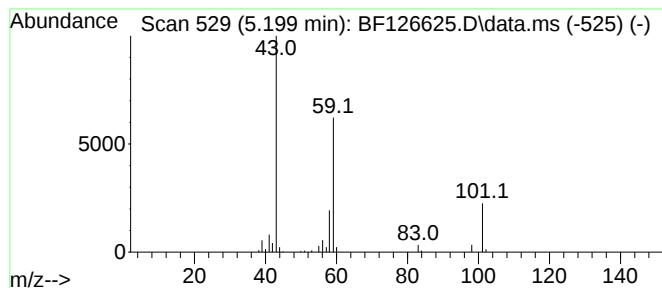
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.199	5.08 ng	189003	1,4-Dichlorobenzene-d4			6.963
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...		141	C7H11NO2	001116-98-9	17
3	Acetone		58	C3H6O	000067-64-1	9
4	5-Hexen-2-one		98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-		101	C5H11NO	000109-02-4	9



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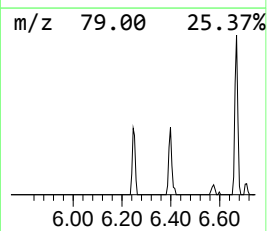
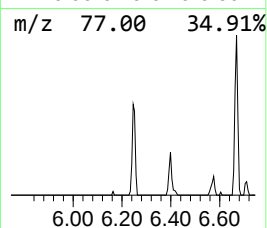
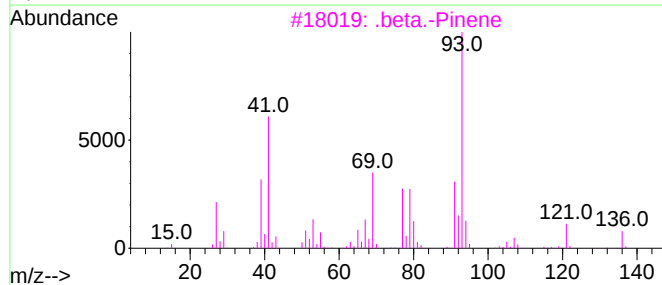
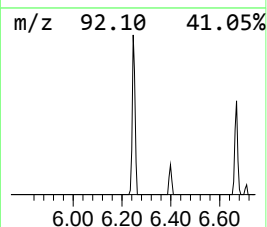
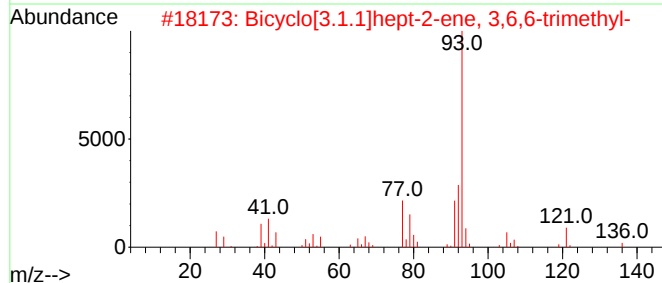
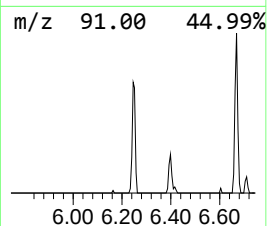
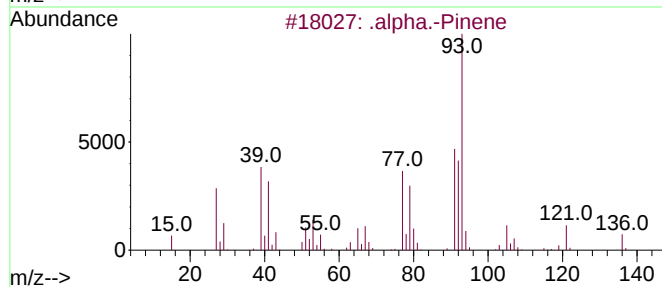
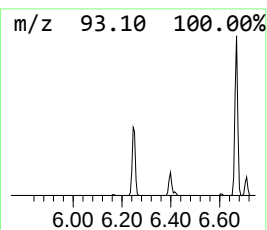
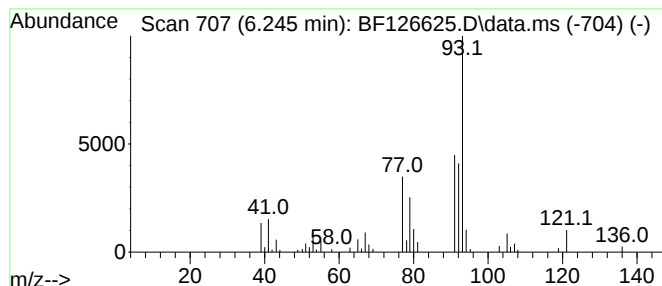
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.245	2.77 ng	103210	1,4-Dichlorobenzene-d4	6.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	95
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	87
3		.beta.-Pinene	136	C10H16	000127-91-3	74
4		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	74
5		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	72



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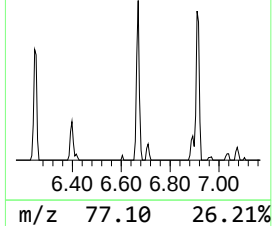
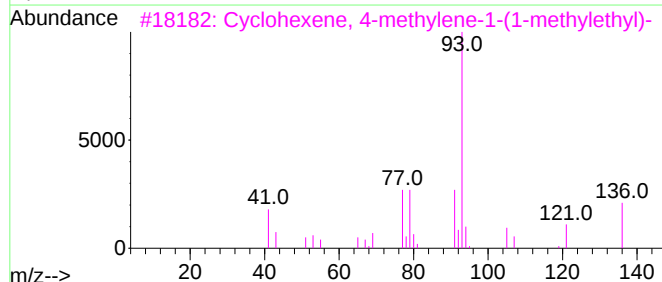
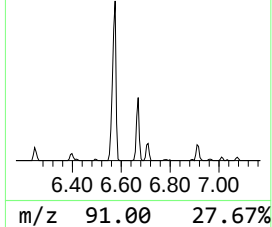
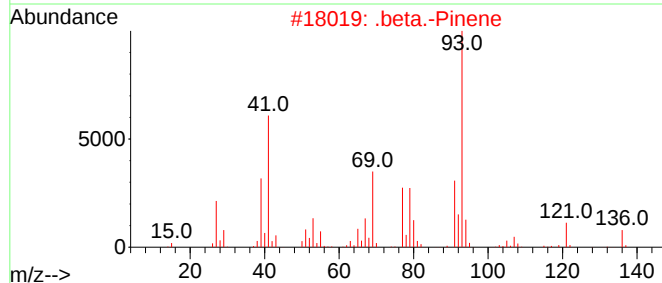
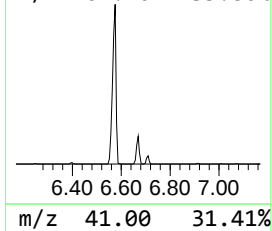
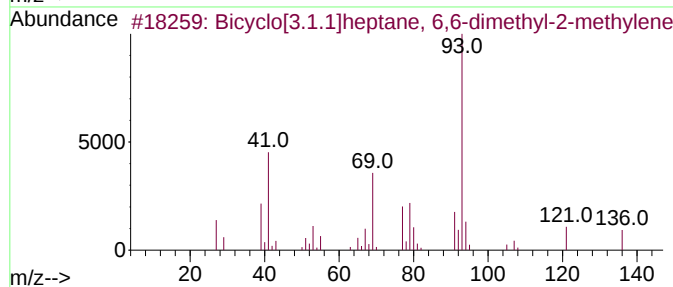
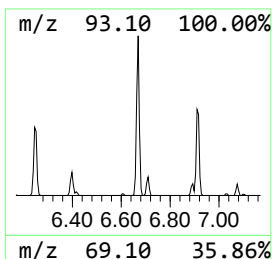
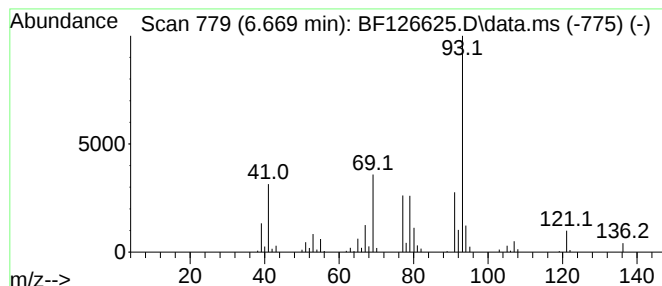
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.669	5.88 ng	219005	1,4-Dichlorobenzene-d4	6.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
2		.beta.-Pinene	136	C10H16	000127-91-3	94
3		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87
4		Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	86
5		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	83



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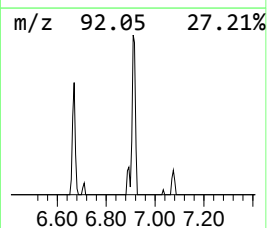
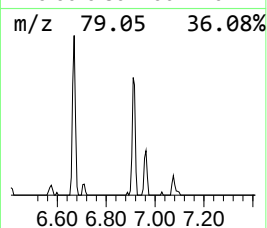
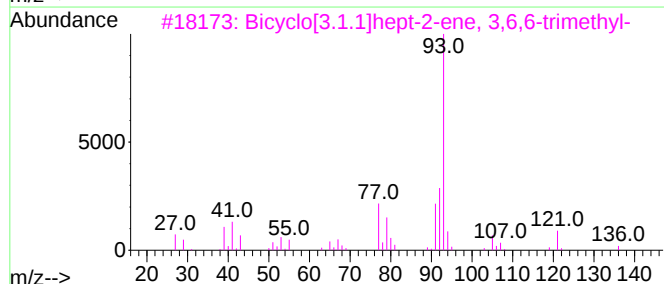
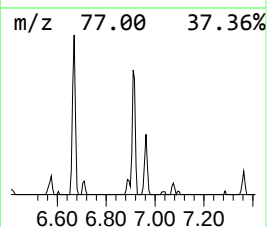
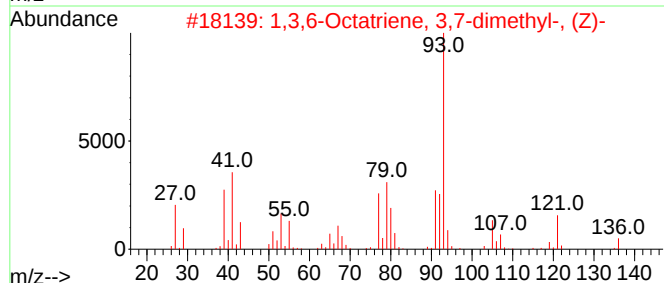
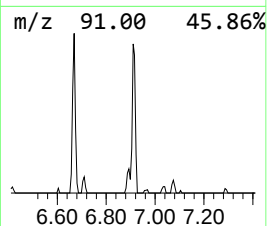
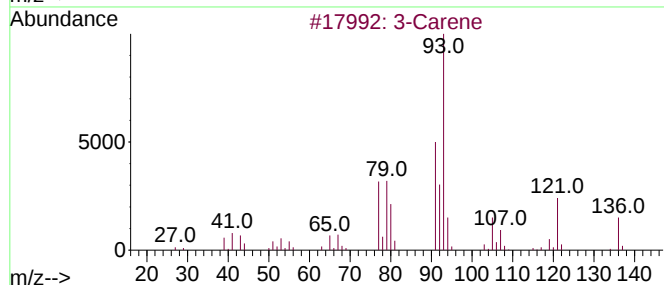
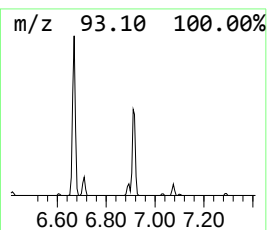
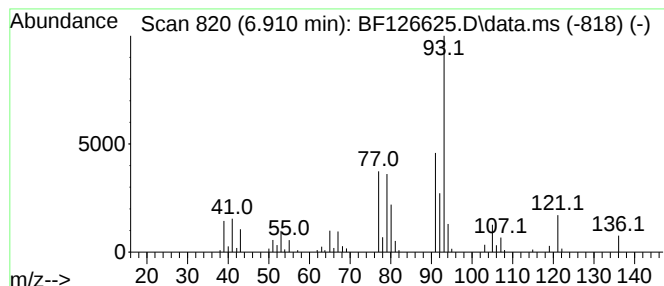
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Carene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.910	3.92 ng	145943	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	97
2			1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	91
3			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
4			(+)-3-Carene	136	C10H16	000498-15-7	90
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90



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ClientSampleId :
MTR-SOIL-14

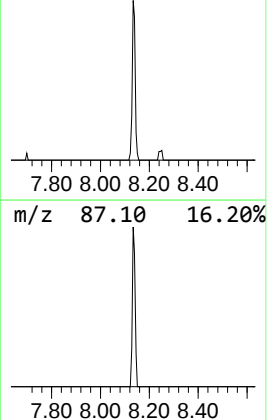
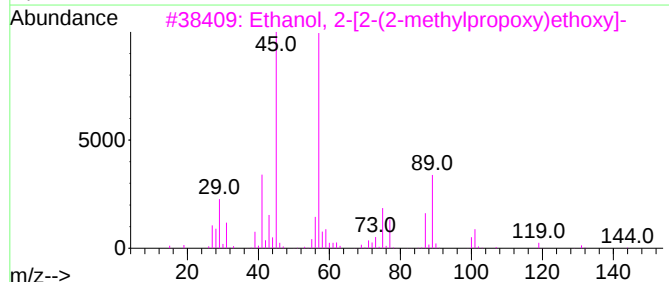
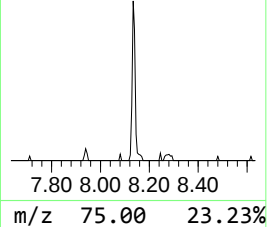
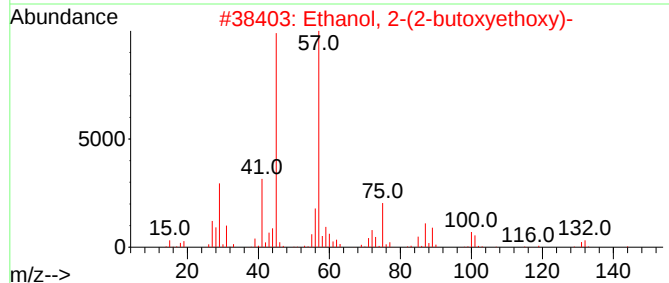
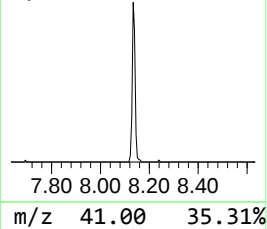
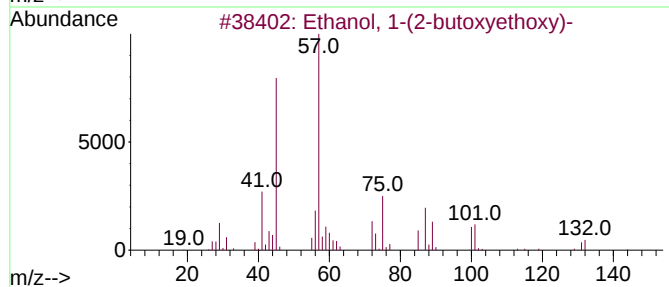
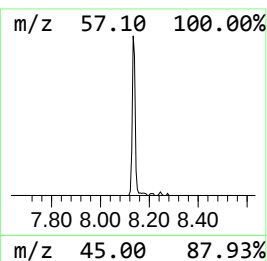
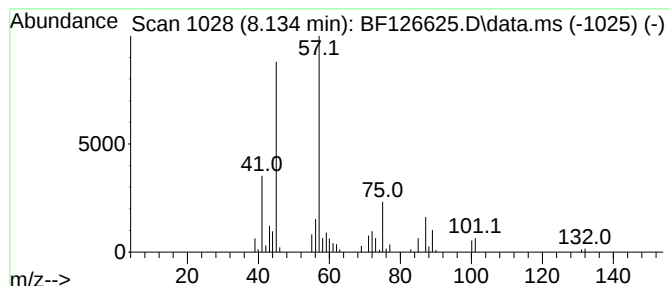
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	2.39 ng	116779	Naphthalene-d8	8.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3			Ethanol, 2-[2-(2-methylpropoxy)ethoxy]-	162	C8H18O3	018912-80-6	64
4			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	47
5			Tetraethylene glycol	194	C8H18O5	000112-60-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126625.D
Acq On : 20 Jan 2022 21:39
Operator : CG/JU
Sample : N1189-27
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-14

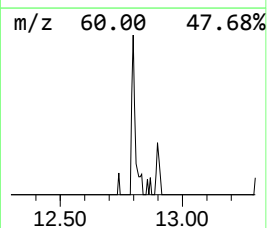
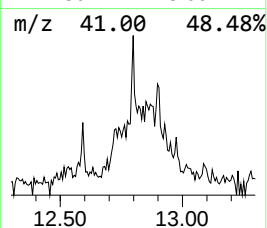
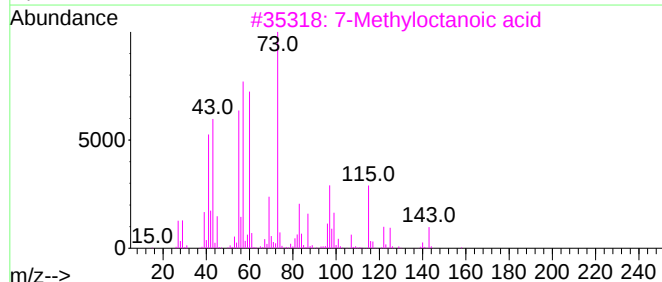
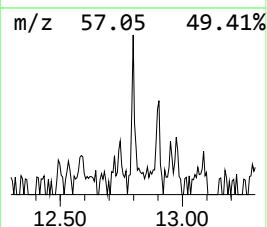
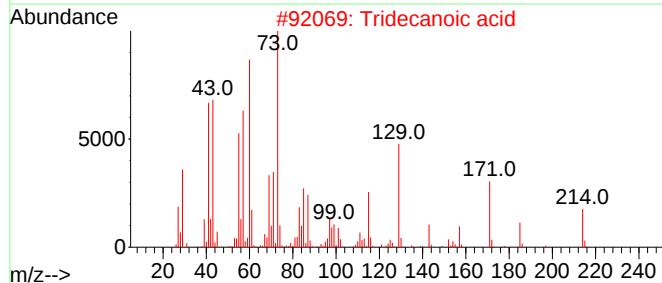
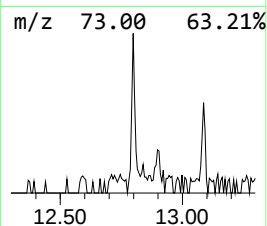
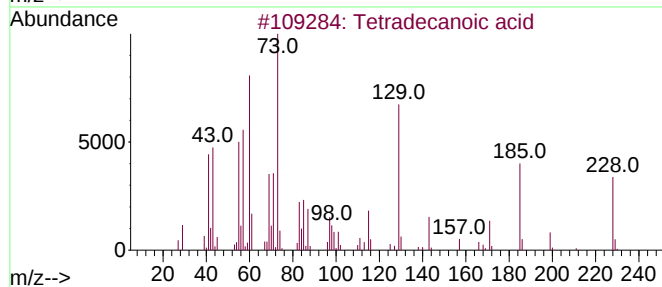
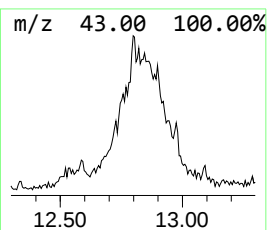
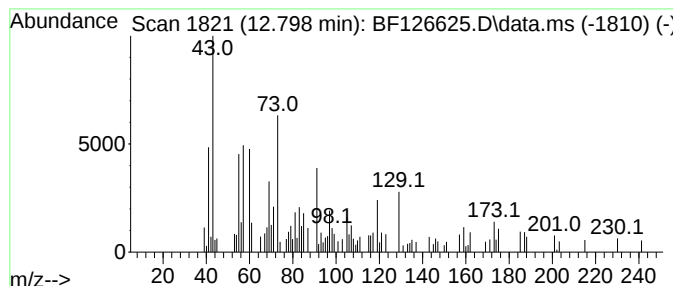
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown12.798 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	2.86 ng	164879	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	43
2			Tridecanoic acid	214	C13H26O2	000638-53-9	38
3			7-Methyloctanoic acid	158	C9H18O2	000693-19-6	27
4			n-Decanoic acid	172	C10H20O2	000334-48-5	27
5			Cyclohexanol, 1R-4-acetamido-2,3...	171	C8H13NO3	077803-84-0	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126625.D
Acq On : 20 Jan 2022 21:39
Operator : CG/JU
Sample : N1189-27
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-14

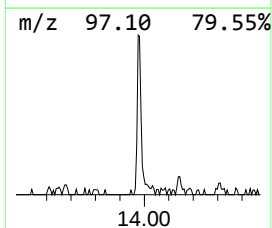
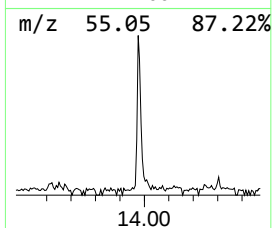
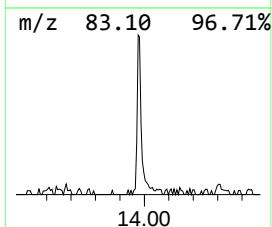
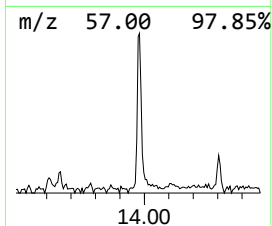
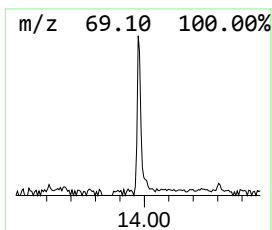
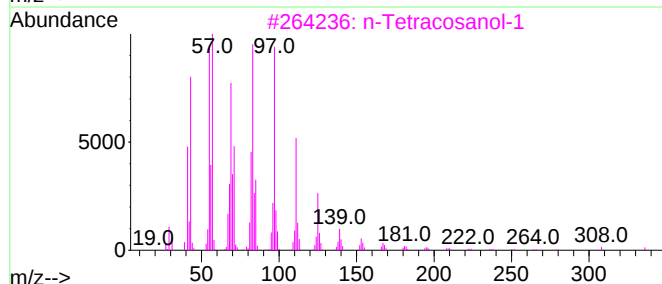
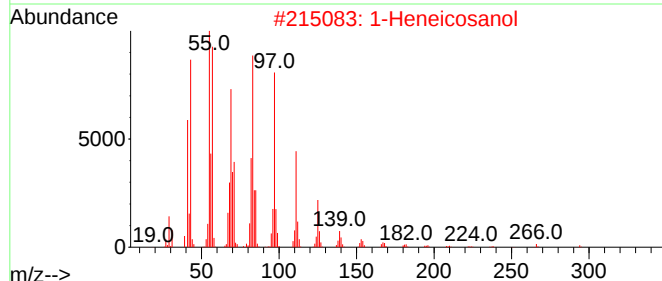
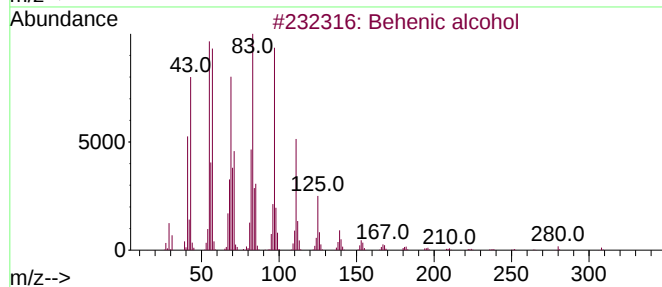
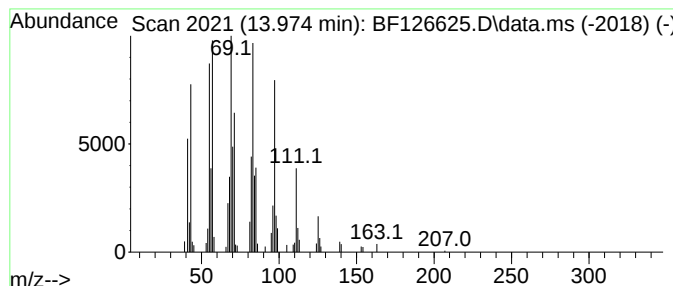
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.974	4.97 ng	194525	Chrysene-d12	14.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	91
2			1-Heneicosanol	312	C21H44O	015594-90-8	91
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4			1-Heptacosanol	396	C27H56O	002004-39-9	91
5			1-Hexacosanol	382	C26H54O	000506-52-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126625.D
Acq On : 20 Jan 2022 21:39
Operator : CG/JU
Sample : N1189-27
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.310	47.8	ng	1780010	1	6.963	744325	20.0
2-Pentanone, 4-...	5.199	5.1	ng	189003	1	6.963	744325	20.0
.alpha.-Pinene	6.245	2.8	ng	103210	1	6.963	744325	20.0
Bicyclo[3.1.1]h...	6.669	5.9	ng	219005	1	6.963	744325	20.0
3-Carene	6.910	3.9	ng	145943	1	6.963	744325	20.0
Ethanol, 1-(2-b...	8.134	2.4	ng	116779	2	8.245	978107	20.0
unknown12.798	12.798	2.9	ng	164879	4	11.498	1151410	20.0
Behenic alcohol	13.974	5.0	ng	194525	5	14.145	783565	20.0