

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126624.D
 Acq On : 20 Jan 2022 21:12
 Operator : CG/JU
 Sample : N1189-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-13

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: BF126624.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	31	40	47	rBV	1525390	2093460	58.33%	7.558%
2	5.204	526	530	537	rVB	269020	322917	9.00%	1.166%
3	5.587	589	595	598	rBV	3171172	3293817	91.78%	11.892%
4	6.575	757	763	766	rBV	3142762	3503375	97.62%	12.649%
5	6.963	825	829	832	rVB	976930	763466	21.27%	2.756%
6	7.522	919	924	927	rBV	2220506	2308718	64.33%	8.336%
7	8.134	1024	1028	1032	rBV	204534	173221	4.83%	0.625%
8	8.245	1042	1047	1050	rBV	1170241	1008647	28.11%	3.642%
9	9.322	1225	1230	1233	rBV	3788495	3424080	95.41%	12.363%
10	10.004	1340	1346	1349	rBV	1377774	1157639	32.26%	4.180%
11	10.792	1472	1480	1484	rBV	2267063	2273470	63.35%	8.208%
12	11.498	1596	1600	1603	rBV	1465889	1165269	32.47%	4.207%
13	12.016	1684	1688	1693	rBV	175790	183429	5.11%	0.662%
14	12.210	1719	1721	1724	rVB	115869	87599	2.44%	0.316%
15	12.275	1728	1732	1734	rBV2	76360	71493	1.99%	0.258%
16	12.798	1817	1821	1835	rBV2	89751	122011	3.40%	0.441%
17	13.092	1866	1871	1874	rBV	3696463	3588714	100.00%	12.957%
18	13.974	2018	2021	2033	rBV	321232	348904	9.72%	1.260%
19	14.145	2046	2050	2054	rBV	941079	819899	22.85%	2.960%
20	14.245	2062	2067	2072	rVB	36557	41008	1.14%	0.148%
21	14.621	2128	2131	2138	rBV3	34969	43188	1.20%	0.156%
22	14.945	2184	2186	2196	rVB2	36791	45916	1.28%	0.166%
23	15.027	2197	2200	2206	rVB	38642	37994	1.06%	0.137%
24	15.310	2244	2248	2252	rBV2	38103	47638	1.33%	0.172%
25	15.680	2306	2311	2315	rBV2	502178	636715	17.74%	2.299%
26	15.716	2315	2317	2323	rVB	36277	43770	1.22%	0.158%
27	16.192	2391	2398	2402	rBV3	29276	49323	1.37%	0.178%
28	16.239	2402	2406	2412	rVV4	22826	41301	1.15%	0.149%

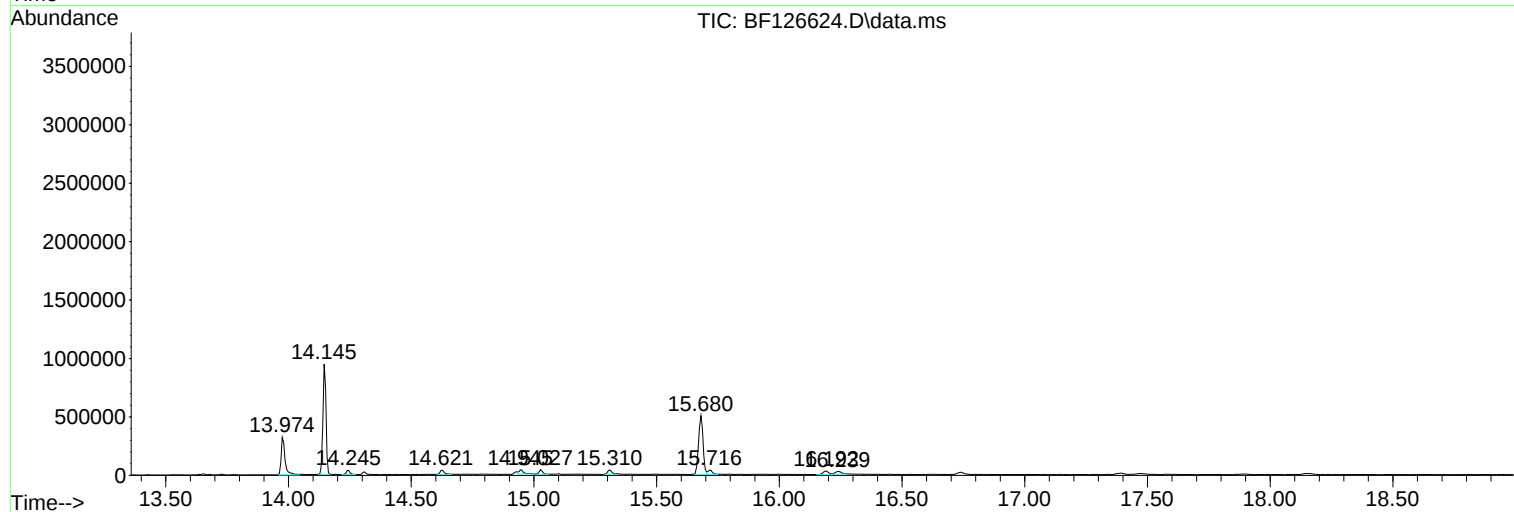
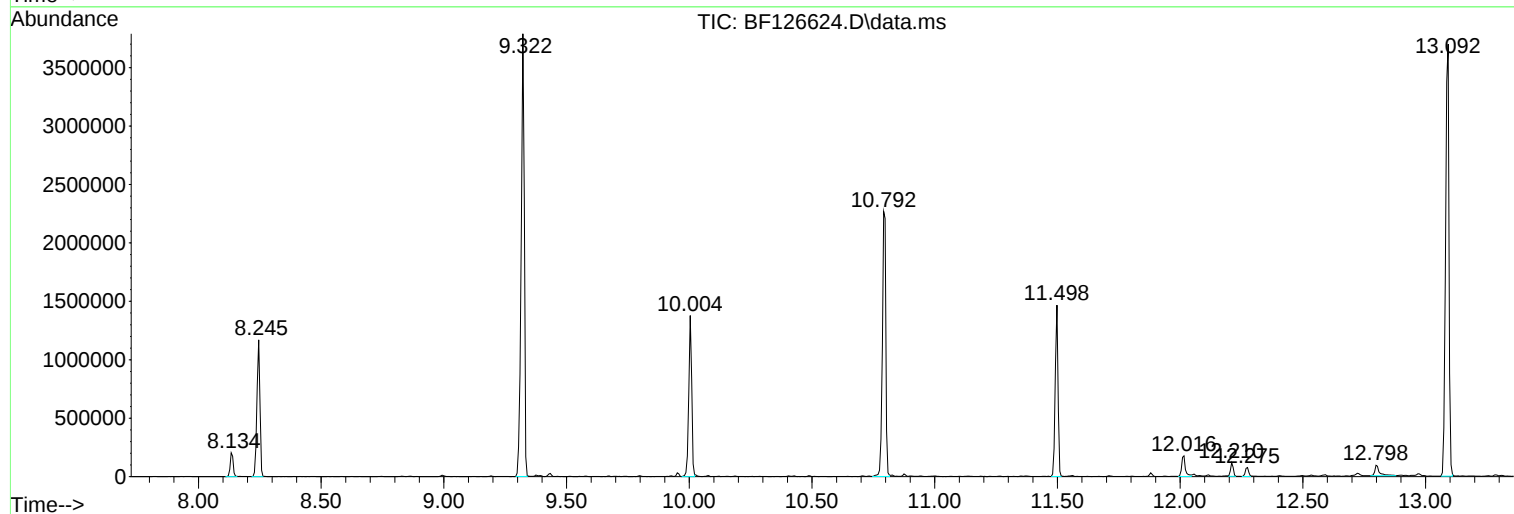
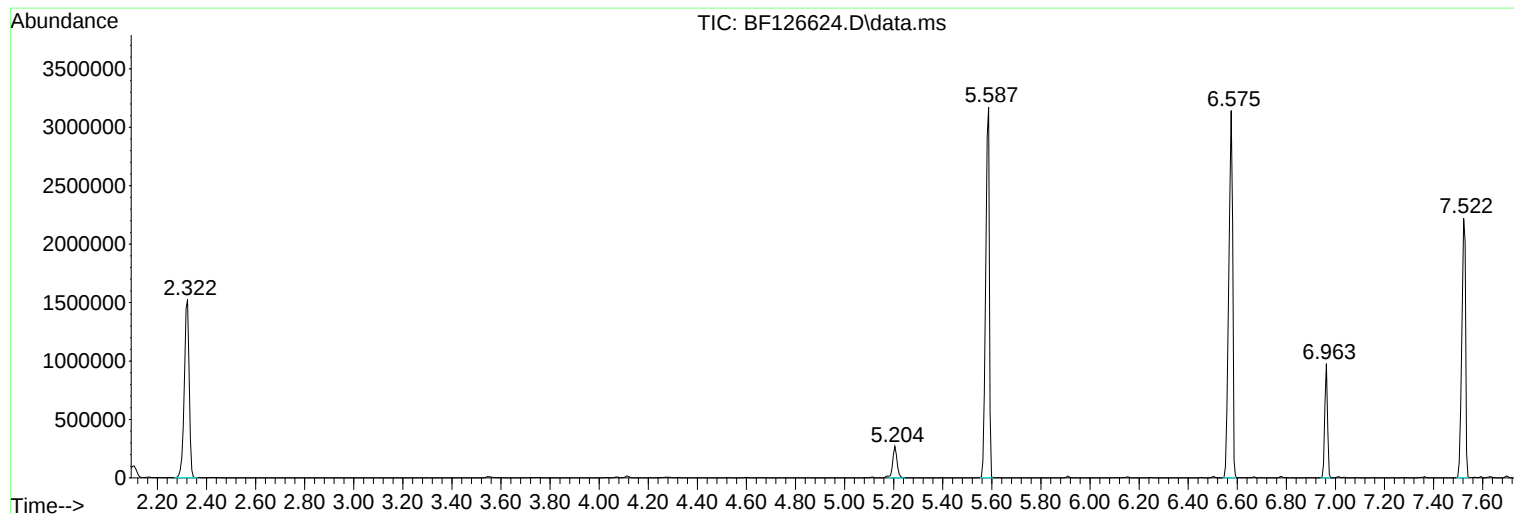
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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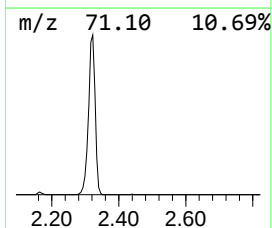
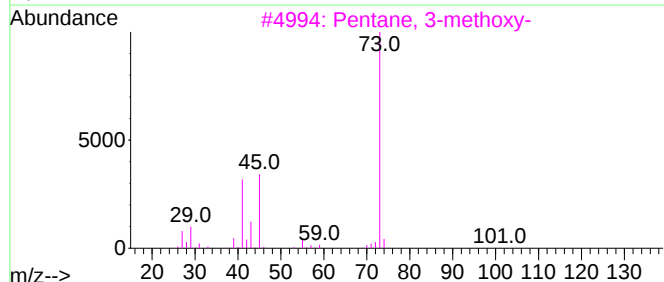
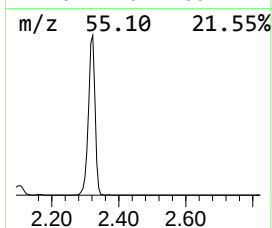
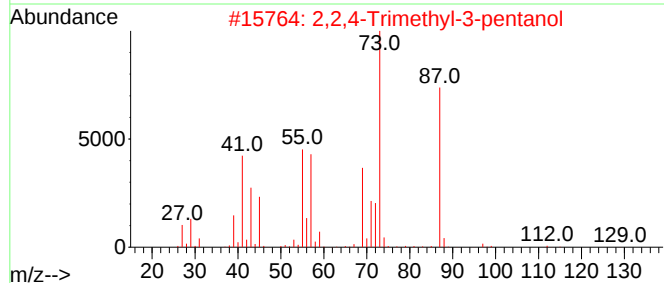
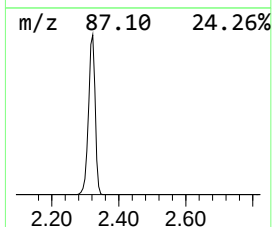
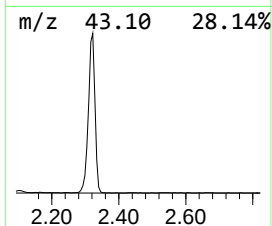
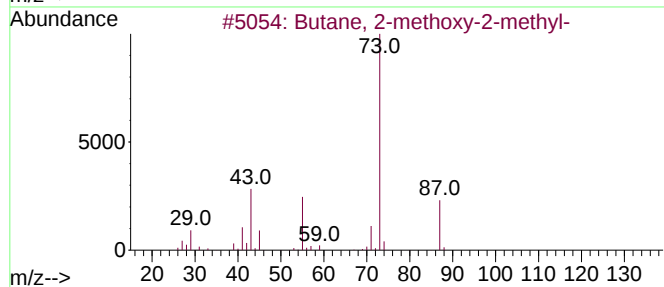
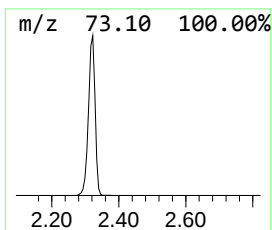
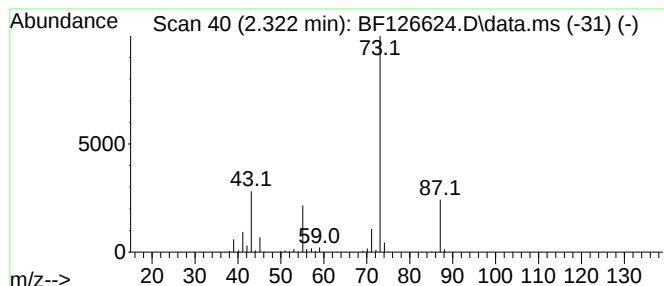
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.322	54.84 ng	2093460	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	43
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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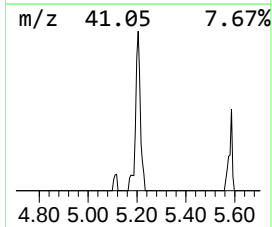
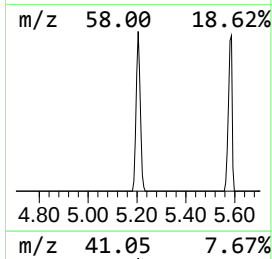
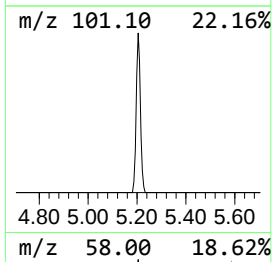
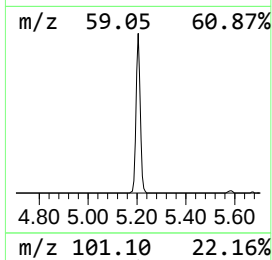
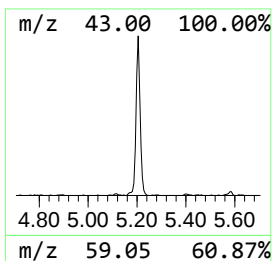
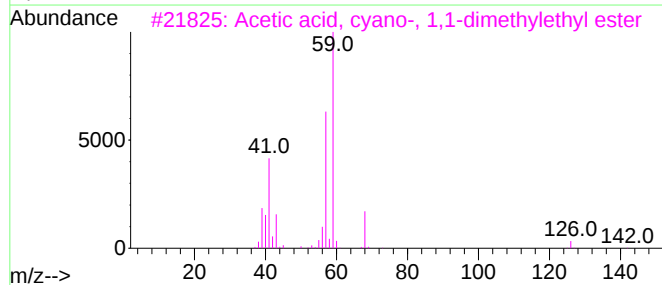
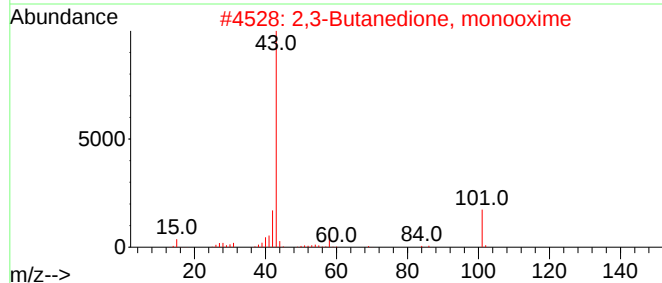
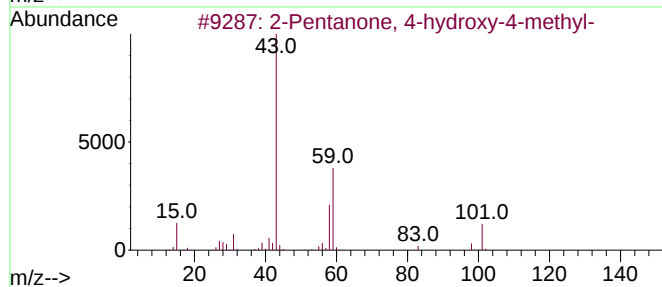
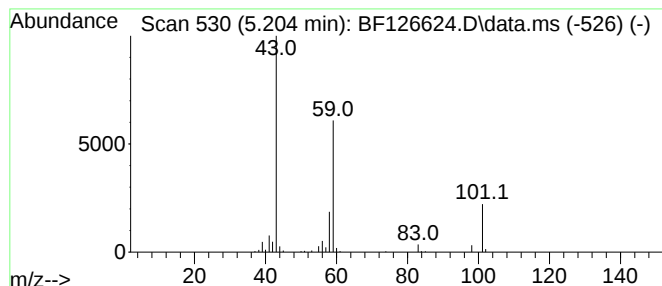
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.204	8.46 ng	322917	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			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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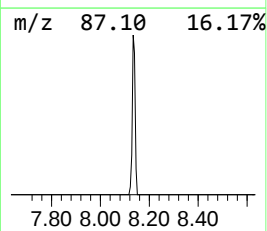
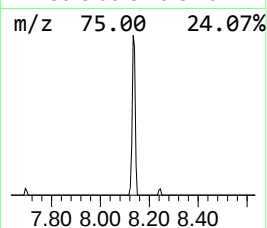
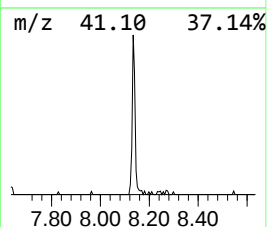
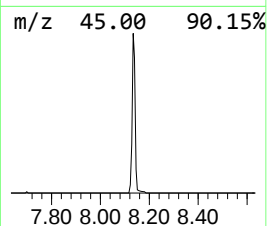
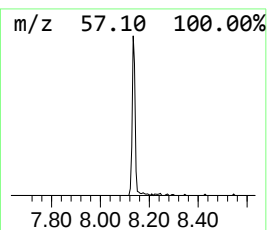
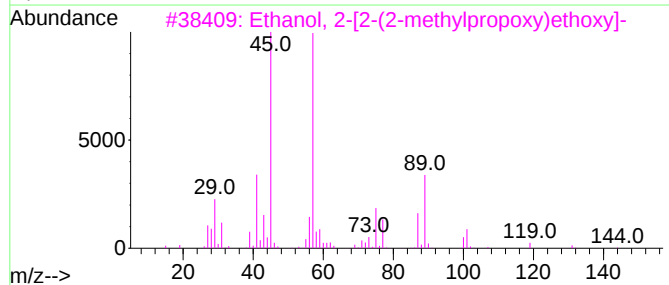
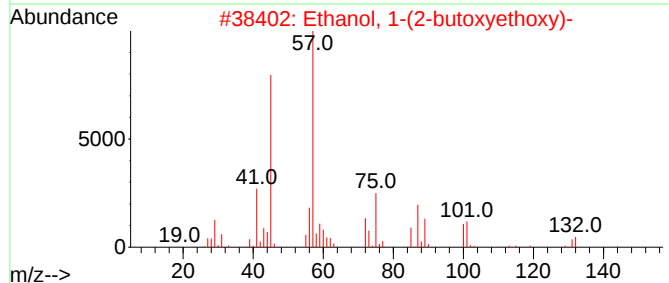
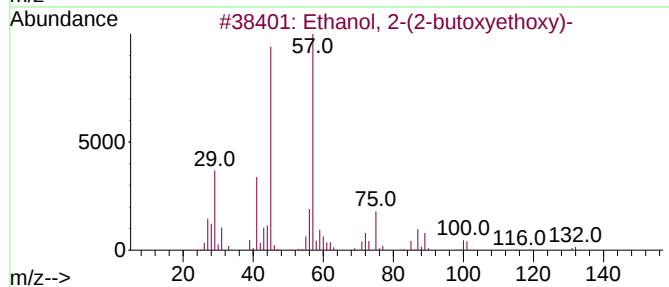
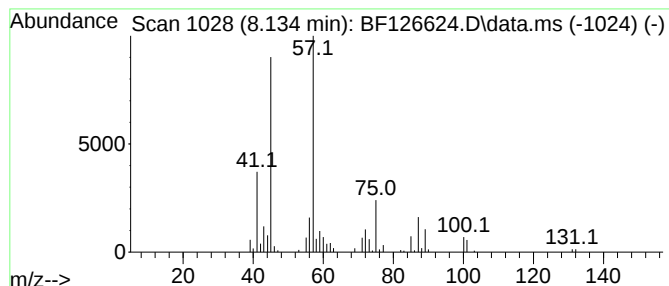
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	3.43 ng	173221	Naphthalene-d8	8.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50



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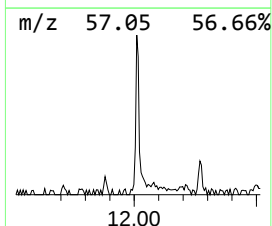
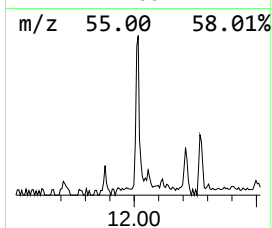
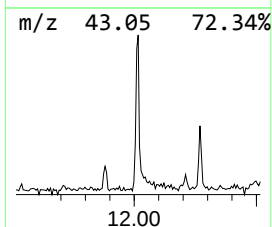
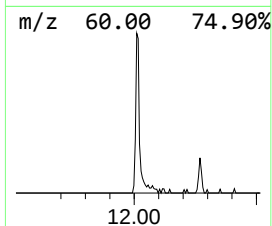
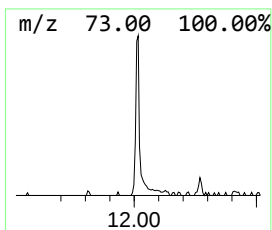
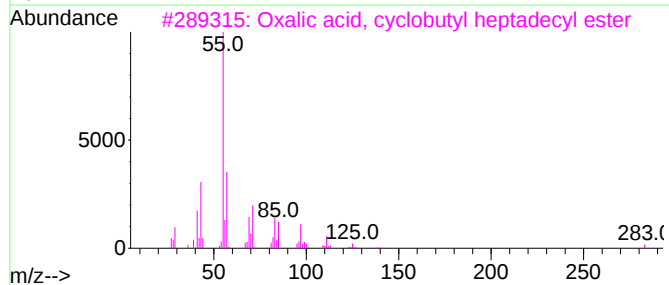
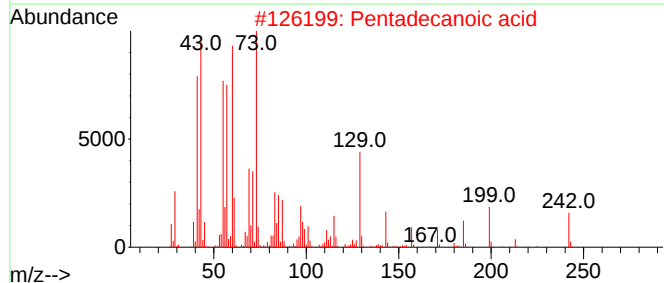
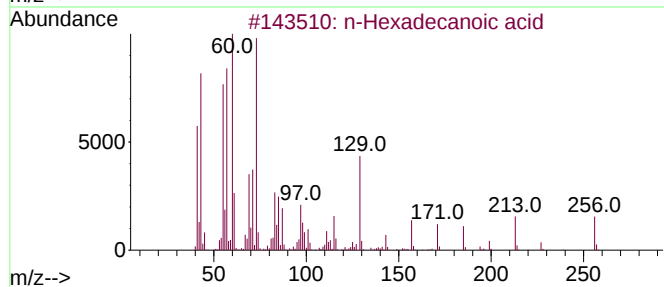
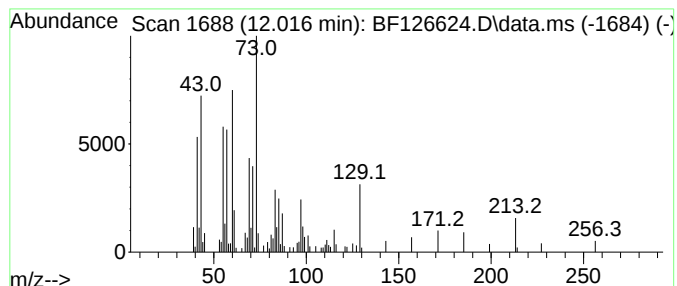
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	3.15 ng	183429	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	18
4			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18
5			Dodecane	170	C12H26	000112-40-3	11



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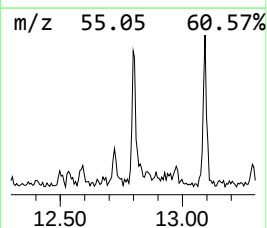
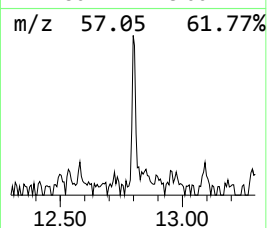
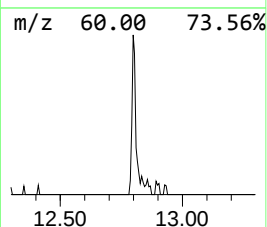
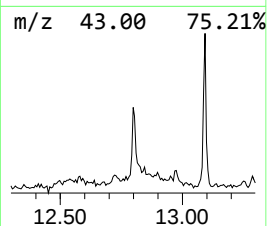
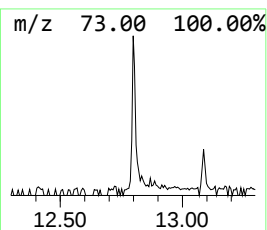
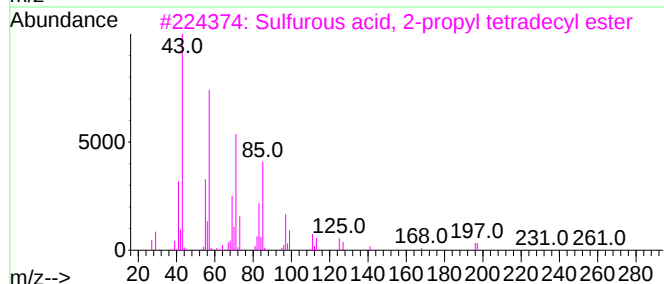
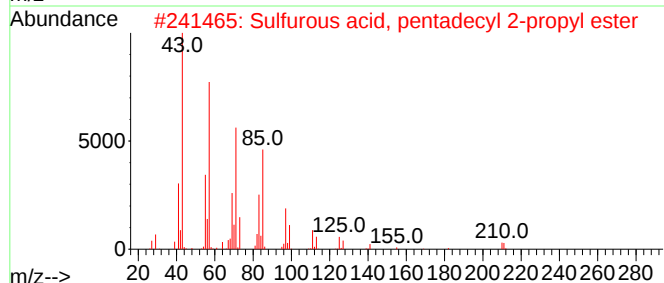
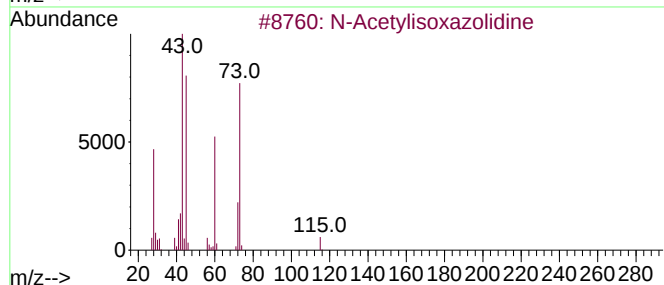
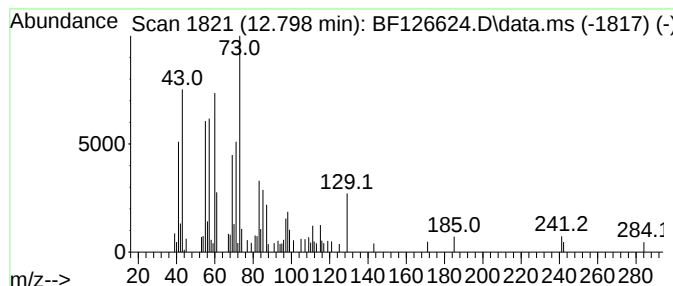
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown12.798 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	2.09 ng	122011	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Acetylisoxazolidine	115	C5H9NO2	115615-36-6	30
2			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	22
3			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	22
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	20
5			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	18



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ALS Vial : 20 Sample Multiplier: 1

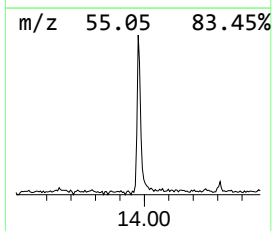
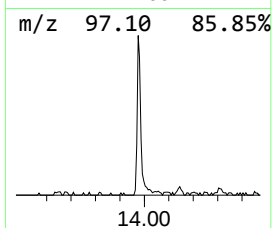
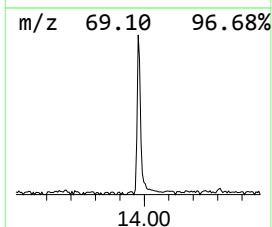
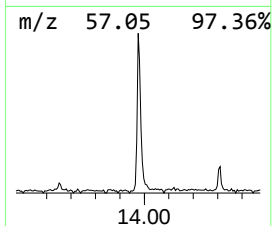
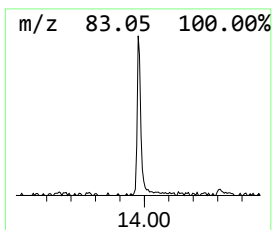
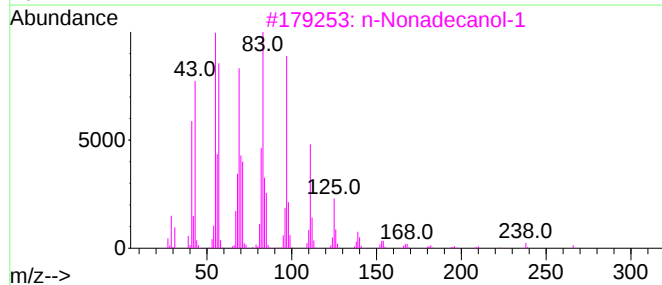
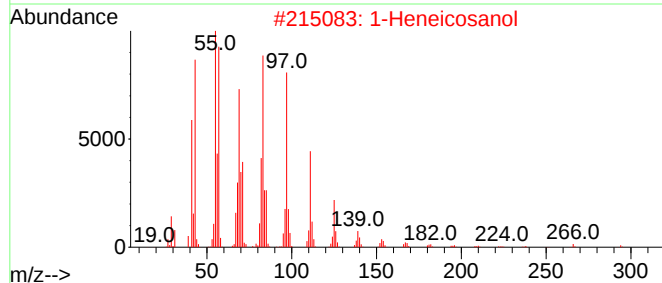
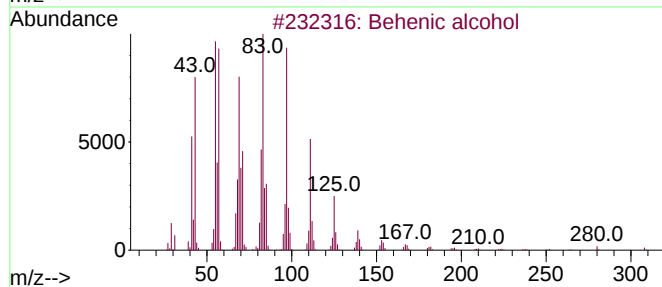
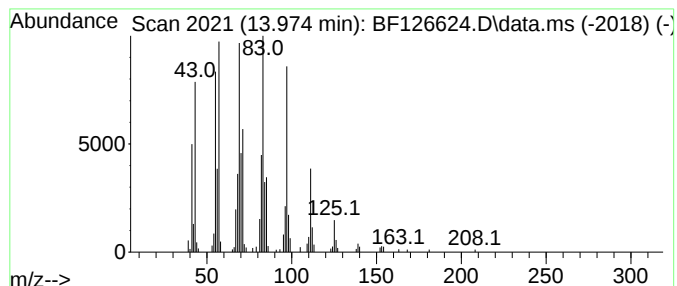
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

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 6 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.975	8.51 ng	348904	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-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126624.D
Acq On : 20 Jan 2022 21:12
Operator : CG/JU
Sample : N1189-25
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

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...	2.322	54.8	ng	2093460	1	6.963	763466	20.0
2-Pentanone, 4-...	5.204	8.5	ng	322917	1	6.963	763466	20.0
Ethanol, 2-(2-b...	8.134	3.4	ng	173221	2	8.245	1008650	20.0
n-Hexadecanoic ...	12.016	3.1	ng	183429	4	11.498	1165270	20.0
unknown12.798	12.798	2.1	ng	122011	4	11.498	1165270	20.0
Behenic alcohol	13.975	8.5	ng	348904	5	14.145	819899	20.0