

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138210.D
 Acq On : 17 Jun 2024 17:59
 Operator : CG\JU
 Sample : P2883-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Soil/Gravel-SP

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-BF061224.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138210.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	17	25	30	rVB	5756458	7476779	70.72%	9.432%
2	3.440	225	230	241	rBV	207585	375380	3.55%	0.474%
3	5.092	505	511	513	rBV	87435	106689	1.01%	0.135%
4	5.122	513	516	524	rVB	486562	592207	5.60%	0.747%
5	5.516	577	583	586	rBV	8199466	8351754	78.99%	10.535%
6	6.516	747	753	756	rBV	7650784	8400721	79.45%	10.597%
7	6.710	783	786	793	rBV	92668	111551	1.06%	0.141%
8	6.892	813	817	820	rBV	2609151	2259259	21.37%	2.850%
9	7.451	905	912	915	rBV	5281509	5473841	51.77%	6.905%
10	7.704	951	955	958	rVB	215367	168250	1.59%	0.212%
11	8.169	1029	1034	1038	rBV	3355736	3064027	28.98%	3.865%
12	8.480	1083	1087	1096	rBV	416820	414651	3.92%	0.523%
13	9.245	1212	1217	1220	rBV	10954475	10354597	97.93%	13.062%
14	9.922	1326	1332	1336	rBV	4168085	3565142	33.72%	4.497%
15	10.022	1343	1349	1354	rBV	120698	153970	1.46%	0.194%
16	10.710	1462	1466	1469	rBV	6698127	6103827	57.73%	7.700%
17	11.410	1581	1585	1588	rBV	4343539	3567101	33.74%	4.500%
18	11.939	1671	1675	1678	rBV	787370	833561	7.88%	1.052%
19	12.721	1804	1808	1820	rBV	474144	568698	5.38%	0.717%
20	12.998	1850	1855	1858	rBV	10795264	10573075	100.00%	13.338%
21	13.468	1931	1935	1942	rVB	150033	166488	1.57%	0.210%
22	13.898	2004	2008	2010	rBV	219649	219836	2.08%	0.277%
23	14.045	2025	2033	2036	rBV	2521286	2760065	26.10%	3.482%
24	14.068	2036	2037	2044	rVB	252694	158600	1.50%	0.200%
25	14.139	2044	2049	2055	rBV	222563	249467	2.36%	0.315%
26	14.210	2058	2061	2066	rVB	181236	164228	1.55%	0.207%
27	14.515	2110	2113	2117	rBV	198629	163651	1.55%	0.206%
28	14.639	2130	2134	2138	rBV	140686	133613	1.26%	0.169%
29	14.827	2162	2166	2173	rVB	132521	136313	1.29%	0.172%
30	15.080	2204	2209	2212	rBV	149328	213309	2.02%	0.269%
31	15.109	2212	2214	2220	rVV	140437	147917	1.40%	0.187%
32	15.174	2221	2225	2231	rVB	110673	143416	1.36%	0.181%
33	15.515	2277	2283	2288	rVV	1741859	2101199	19.87%	2.651%

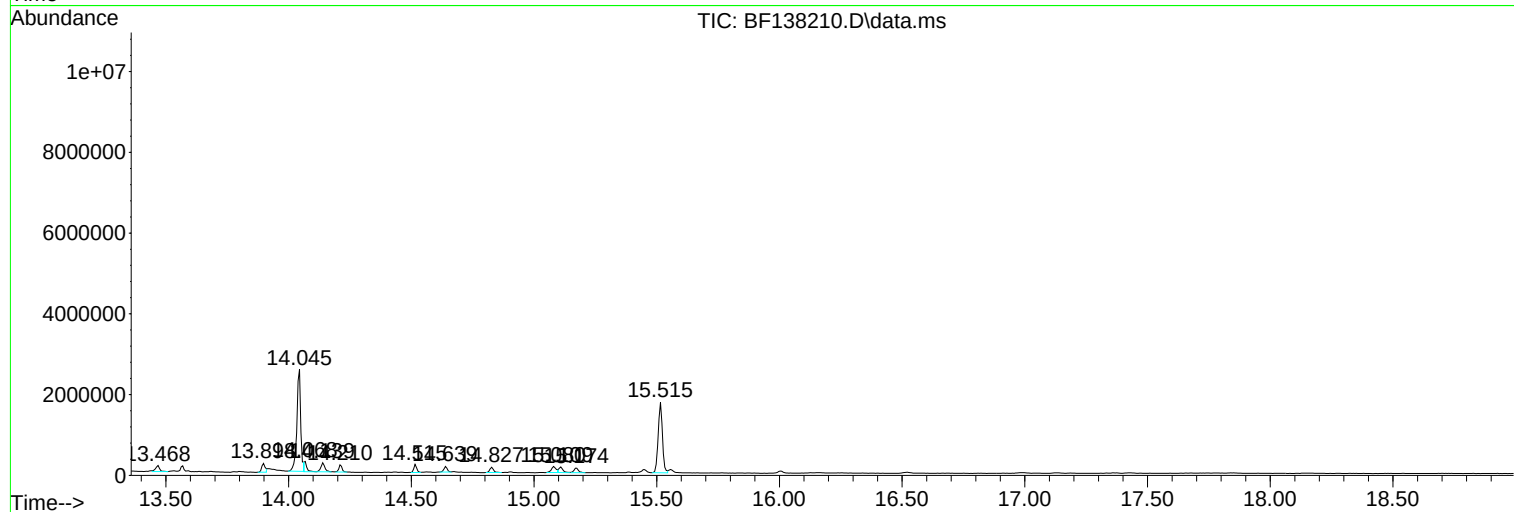
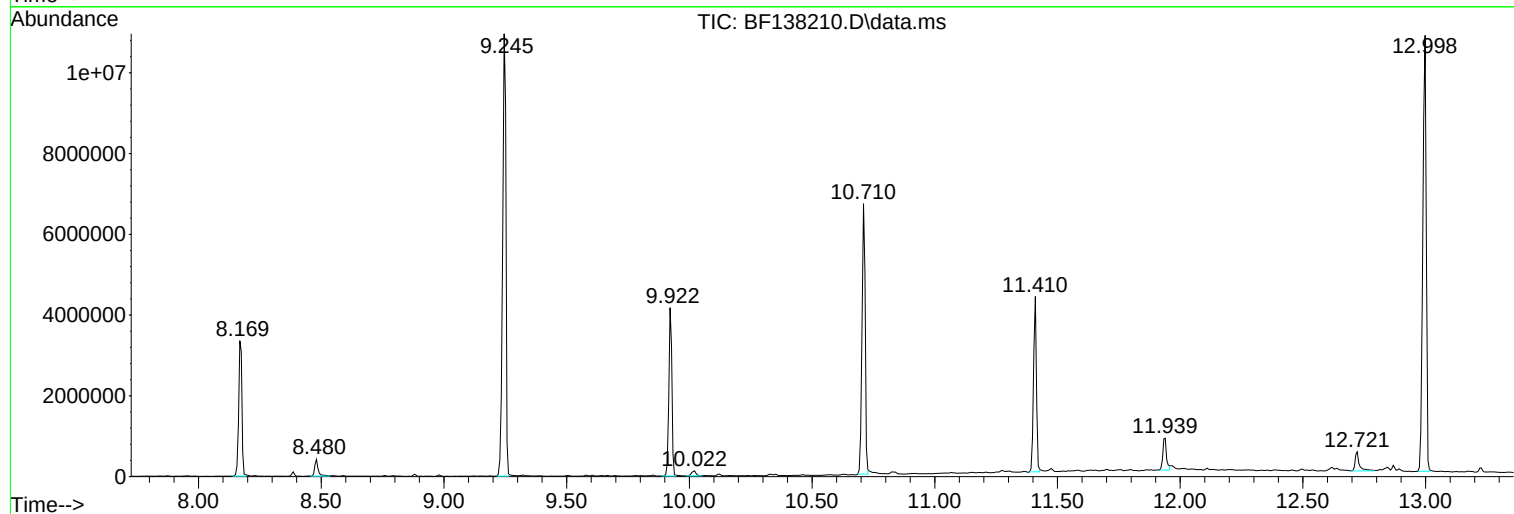
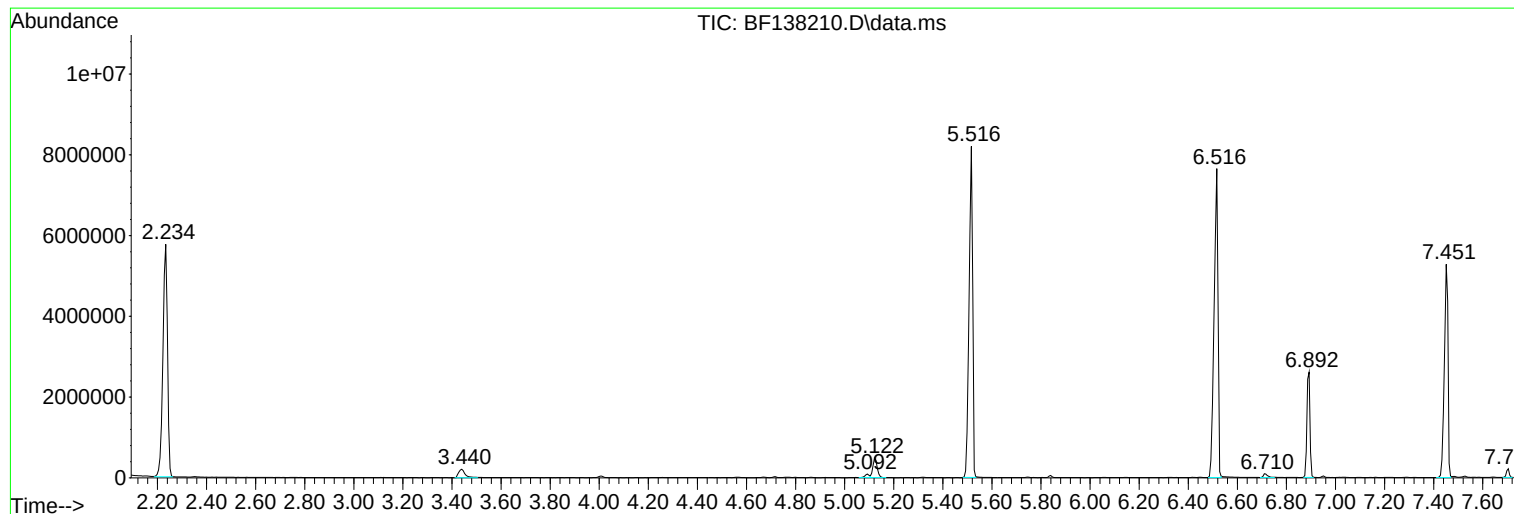
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Soil/Gravel-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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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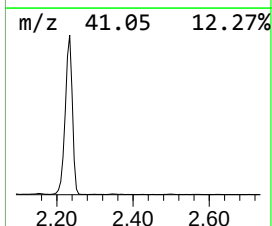
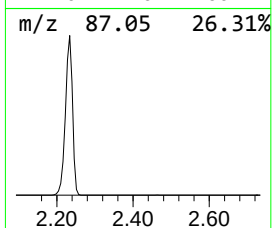
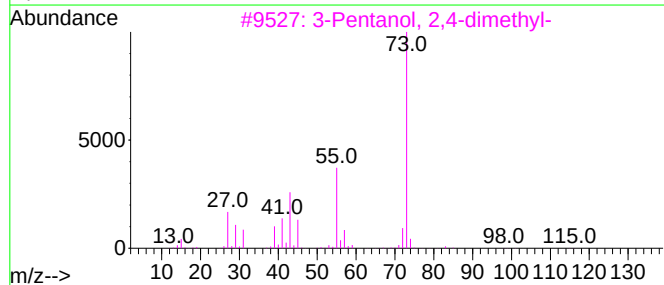
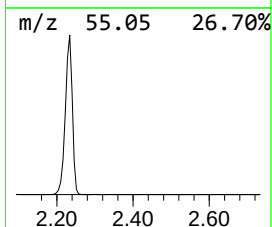
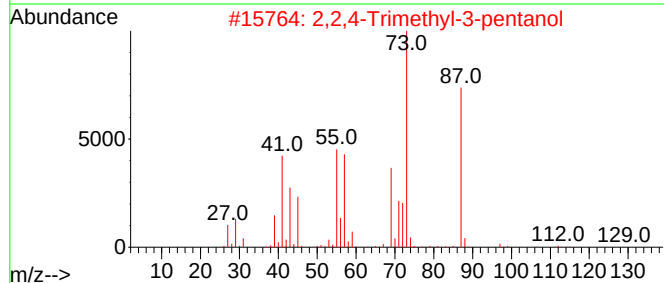
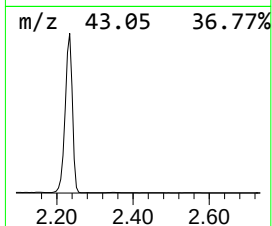
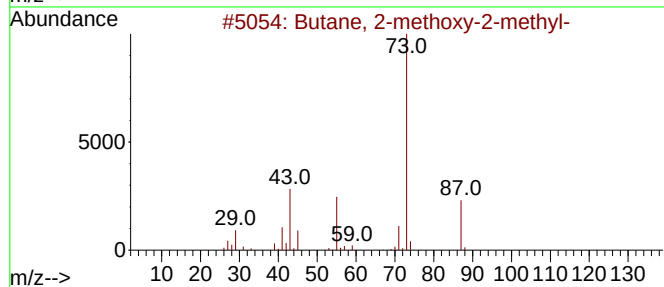
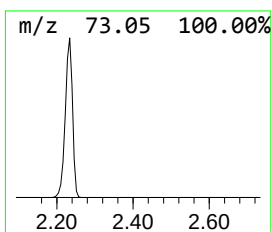
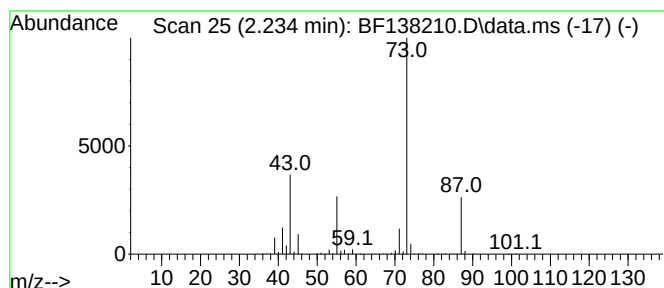
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.234	66.19 ng	7476780	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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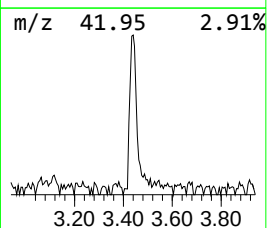
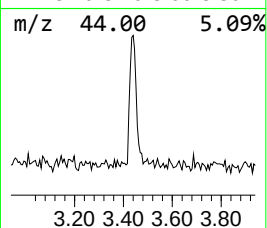
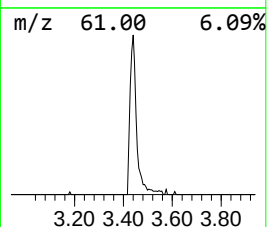
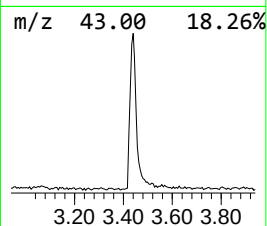
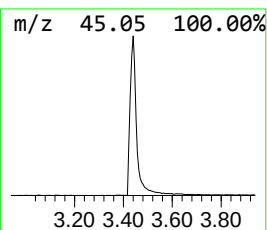
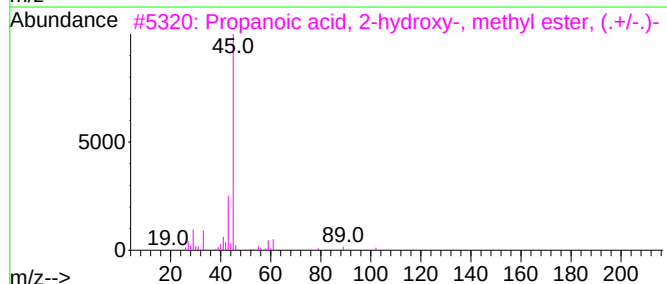
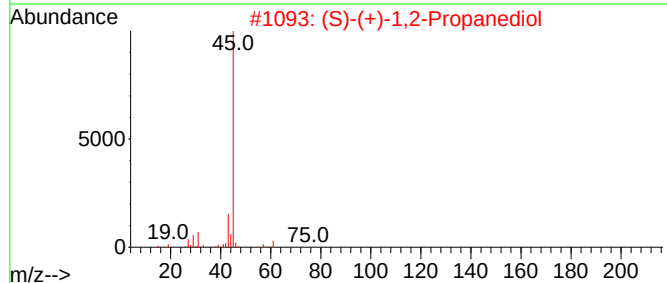
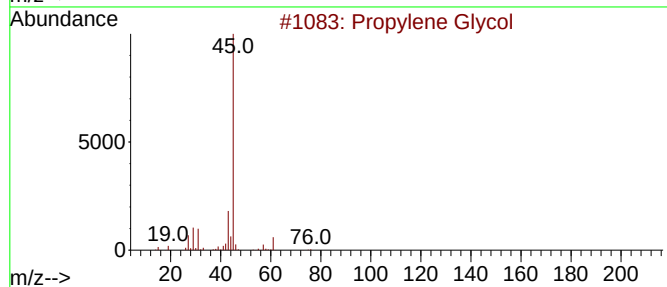
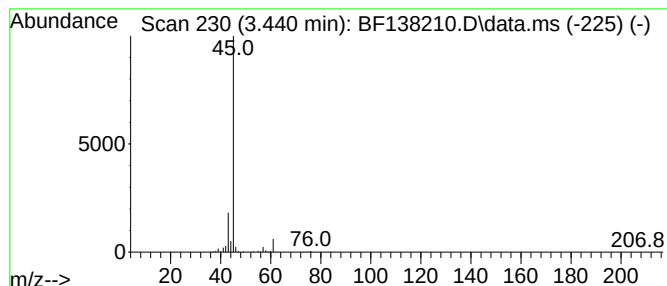
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.440	3.32 ng	375380	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	90
2			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3			Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	37
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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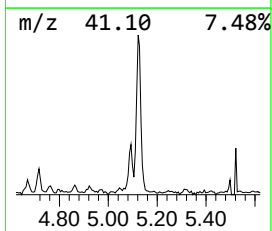
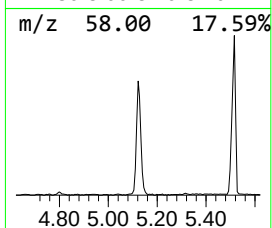
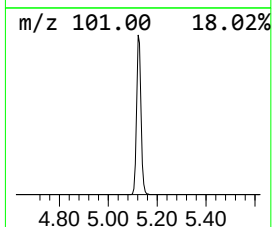
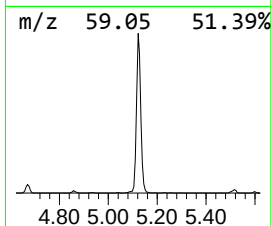
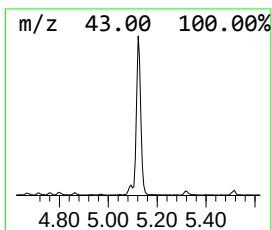
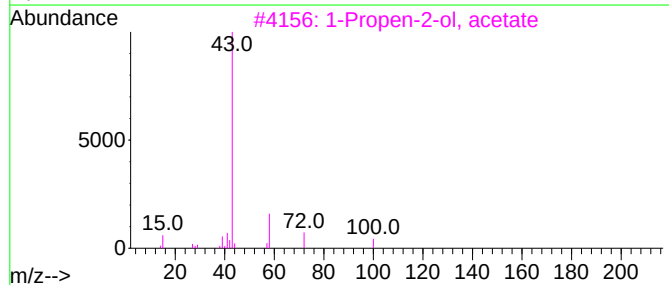
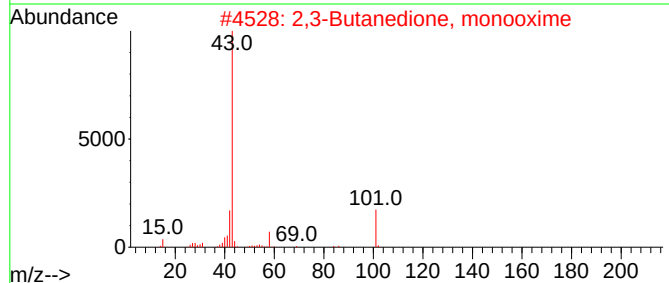
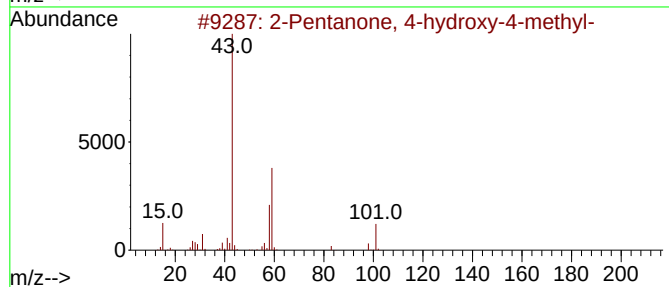
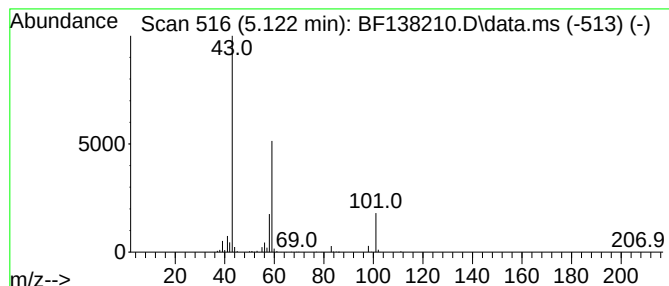
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	5.24 ng	592207	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
5	Acetone	58	C3H6O	000067-64-1	9		



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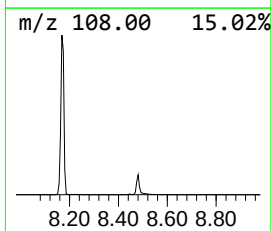
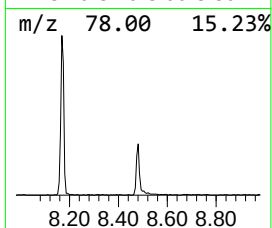
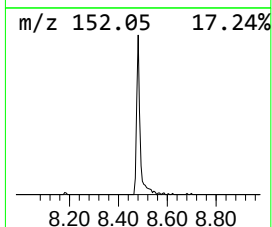
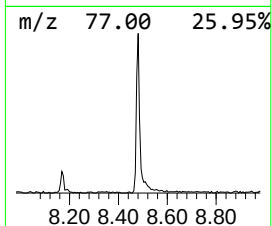
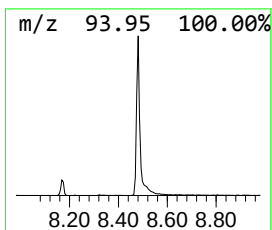
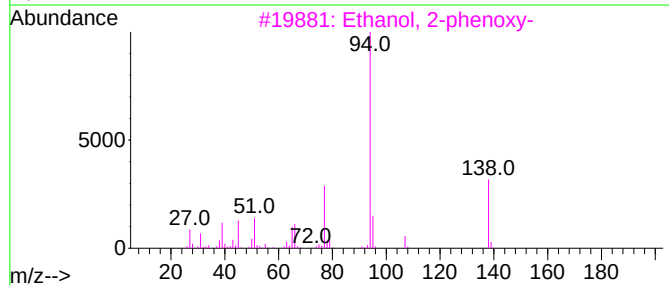
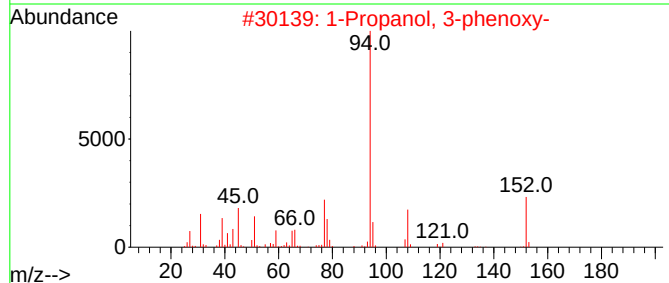
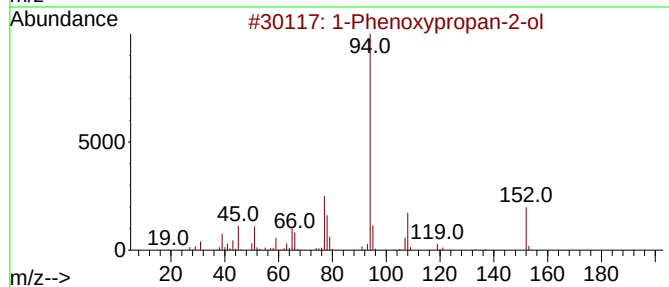
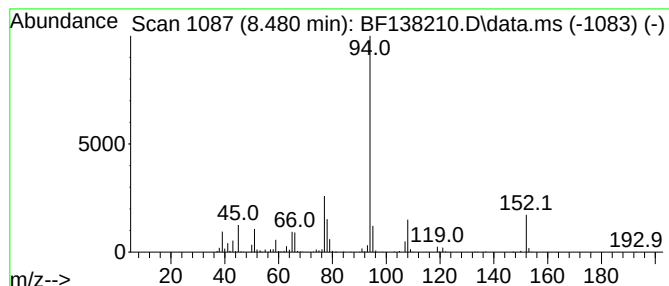
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.480	2.71 ng	414651	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2			1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87
3			Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4			1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
5			Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	59



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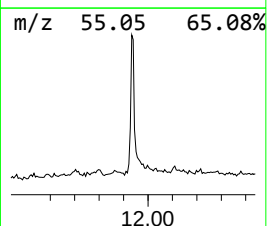
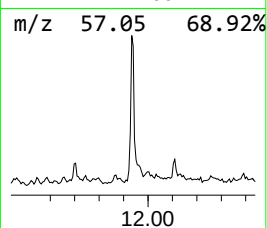
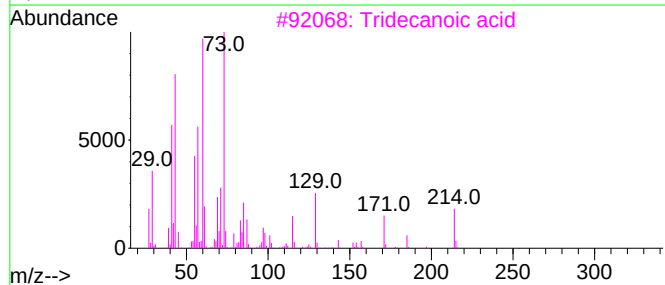
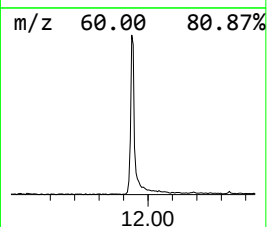
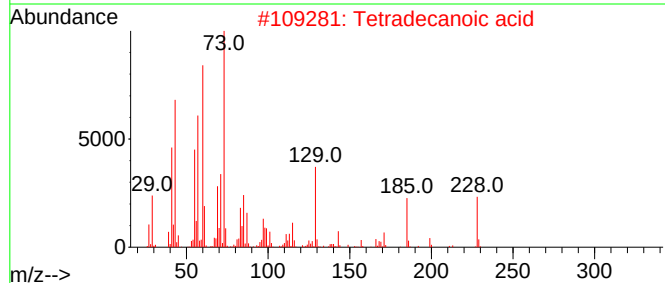
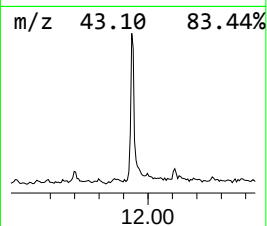
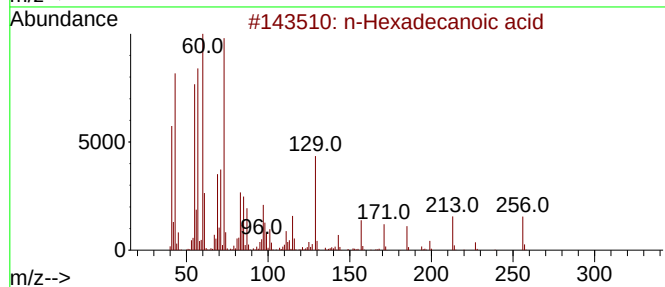
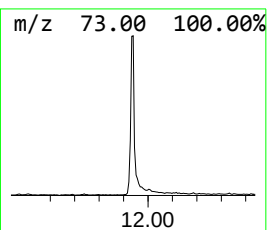
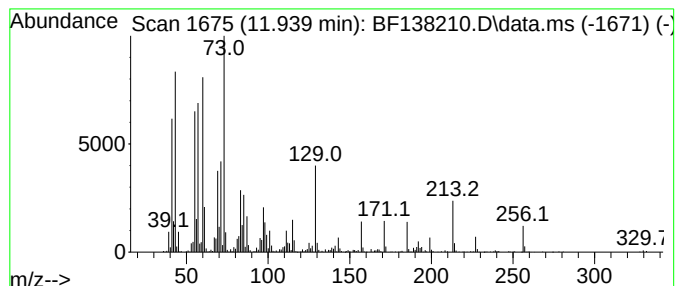
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	4.67 ng	833561	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Octadecanoic acid	284	C18H36O2	000057-11-4	74



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Soil/Gravel-SP

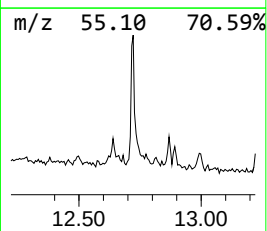
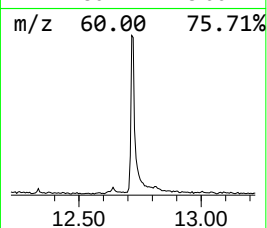
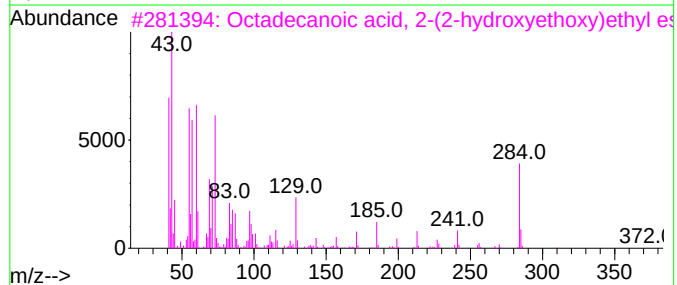
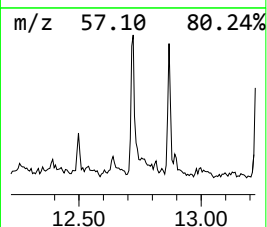
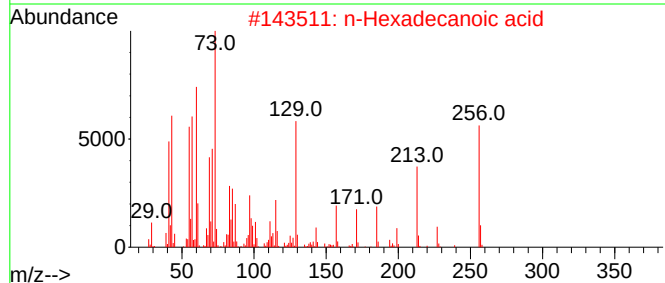
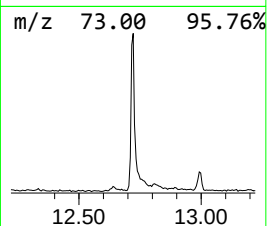
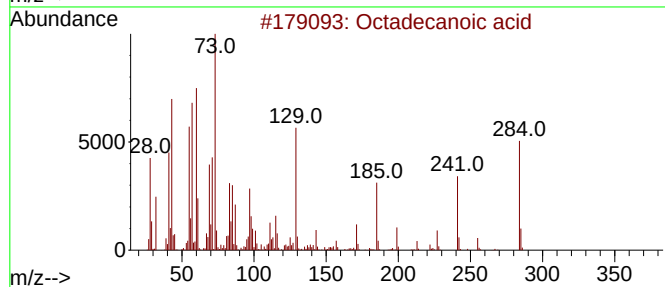
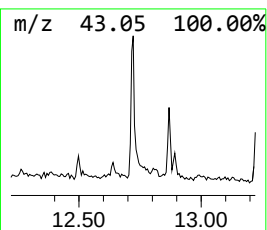
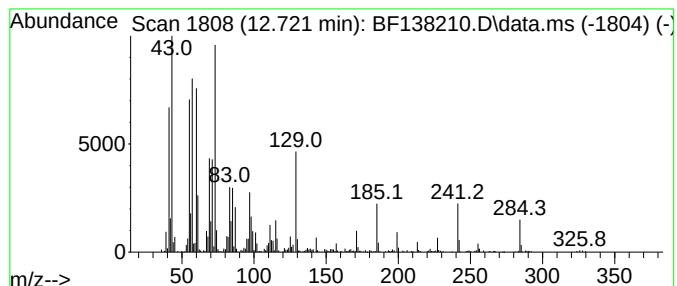
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.721	3.19 ng	568698	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Heneicosanoic acid	326	C21H42O2	002363-71-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
Data File : BF138210.D
Acq On : 17 Jun 2024 17:59
Operator : CG\JU
Sample : P2883-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Soil/Gravel-SP

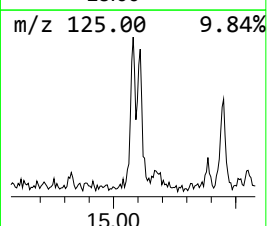
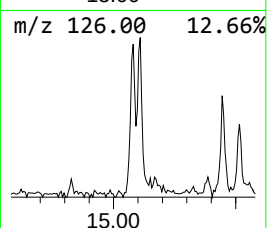
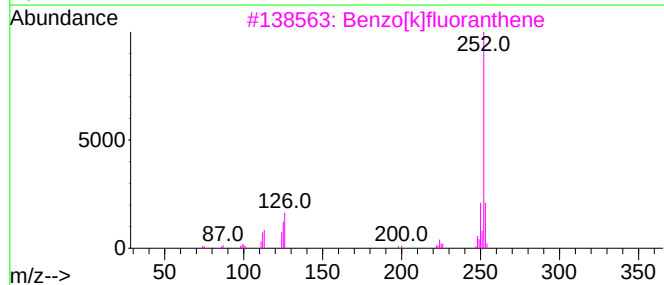
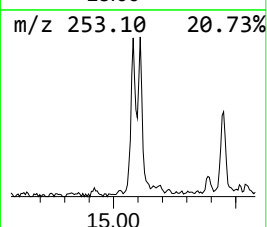
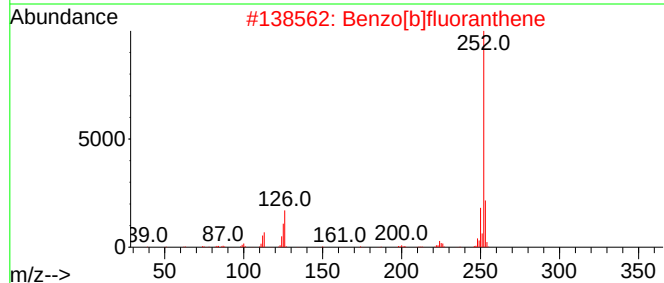
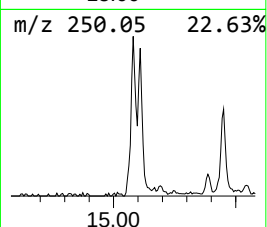
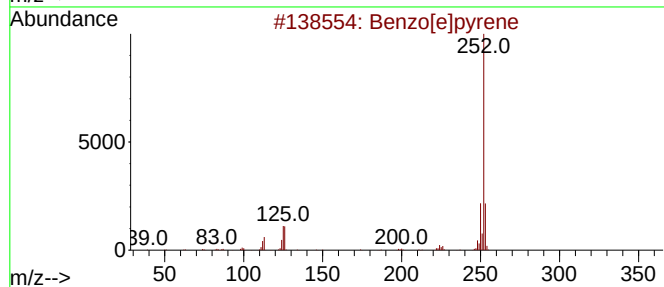
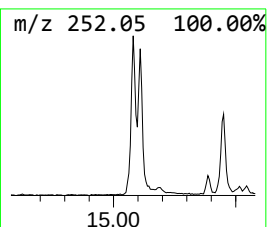
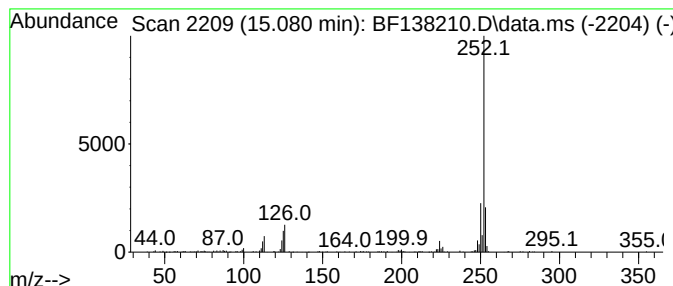
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	2.03 ng	213309	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4			Benzo[a]pyrene	252	C20H12	000050-32-8	96
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
Data File : BF138210.D
Acq On : 17 Jun 2024 17:59
Operator : CG\JU
Sample : P2883-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Soil/Gravel-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.234	66.2	ng	7476780	1	6.892	2259260	20.0
Propylene Glycol	3.440	3.3	ng	375380	1	6.892	2259260	20.0
2-Pentanone, 4-...	5.122	5.2	ng	592207	1	6.892	2259260	20.0
1-Phenoxypropan...	8.480	2.7	ng	414651	2	8.169	3064030	20.0
n-Hexadecanoic ...	11.939	4.7	ng	833561	4	11.410	3567100	20.0
Octadecanoic acid	12.721	3.2	ng	568698	4	11.410	3567100	20.0
Benzo[e]pyrene	15.080	2.0	ng	213309	6	15.515	2101200	20.0