

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007134.D
 Acq On : 23 Sep 2021 20:28
 Operator : CG/JU
 Sample : M3860-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-SOIL

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_P\Methods\8270E-BP092121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.069	162	167	174	rVB	173791	243930	1.47%	0.274%
2	5.469	398	405	419	rBV	4915079	7298708	43.93%	8.191%
3	7.063	668	676	689	rBV	4572486	7439517	44.77%	8.349%
4	7.893	807	817	824	rBV	893435	1443348	8.69%	1.620%
5	9.052	1006	1014	1032	rBV	2868065	4803228	28.91%	5.390%
6	10.475	1248	1256	1270	rBV	253222	476636	2.87%	0.535%
7	10.693	1284	1293	1300	rBV	1160073	2015825	12.13%	2.262%
8	13.145	1701	1710	1724	rBV	8000949	11811344	71.09%	13.255%
9	14.522	1936	1944	1950	rBV	1825972	2766883	16.65%	3.105%
10	14.939	2007	2015	2021	rBV2	209594	351395	2.11%	0.394%
11	15.839	2163	2168	2180	rBV2	183422	327472	1.97%	0.367%
12	16.010	2190	2197	2207	rBV	7009579	9975339	60.04%	11.195%
13	17.269	2405	2411	2415	rBV	2312007	3260797	19.63%	3.659%
14	17.310	2415	2418	2424	rVB	451185	592372	3.57%	0.665%
15	18.163	2555	2563	2576	rBV2	1462302	2660880	16.01%	2.986%
16	19.275	2748	2752	2759	rBV	1025127	1351390	8.13%	1.517%
17	19.392	2767	2772	2783	rBV	2699959	4012919	24.15%	4.503%
18	19.627	2804	2812	2820	rVB	846175	1293325	7.78%	1.451%
19	19.827	2840	2846	2851	rBV	13766371	16615356	100.00%	18.646%
20	21.063	3052	3056	3063	rVB3	718947	1071047	6.45%	1.202%
21	21.127	3064	3067	3072	rBV	398484	487366	2.93%	0.547%
22	21.351	3099	3105	3109	rBV2	3057203	4346089	26.16%	4.877%
23	21.386	3109	3111	3118	rVB	483705	561695	3.38%	0.630%
24	23.763	3508	3515	3522	rBV2	1901026	3902011	23.48%	4.379%

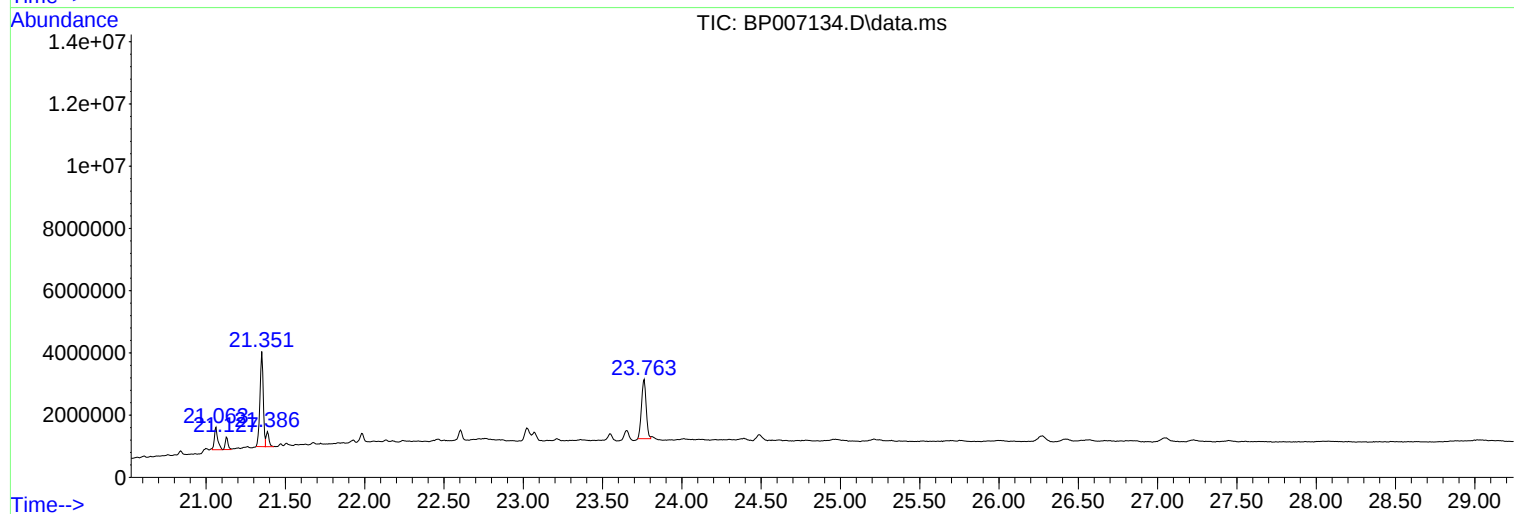
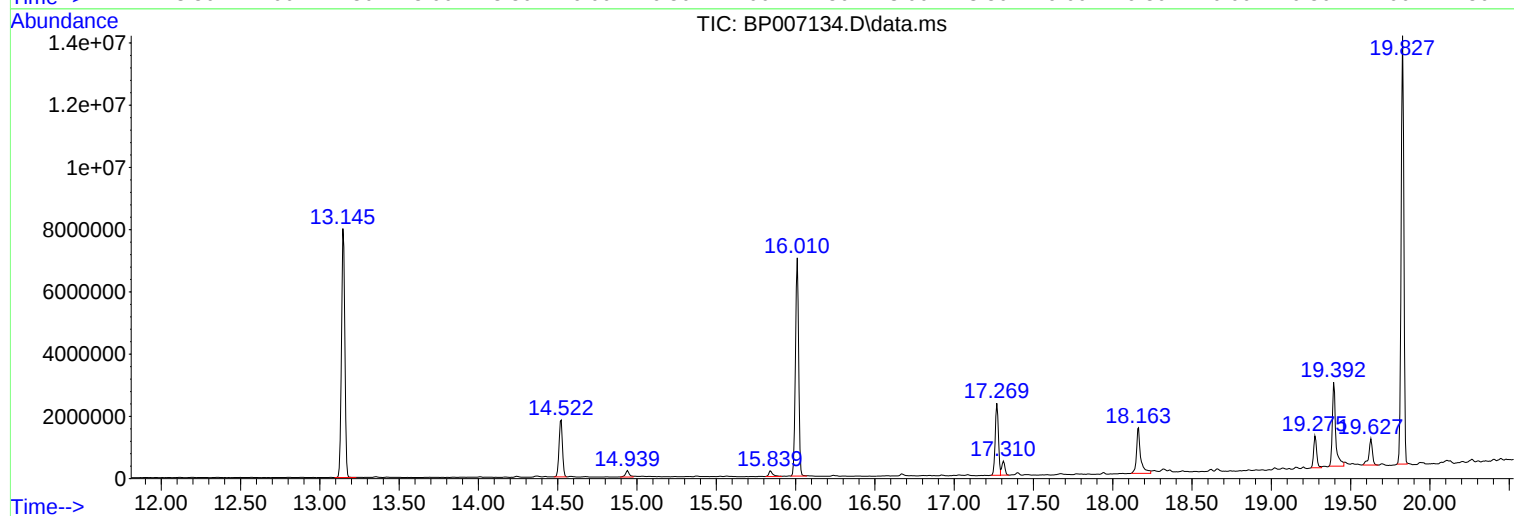
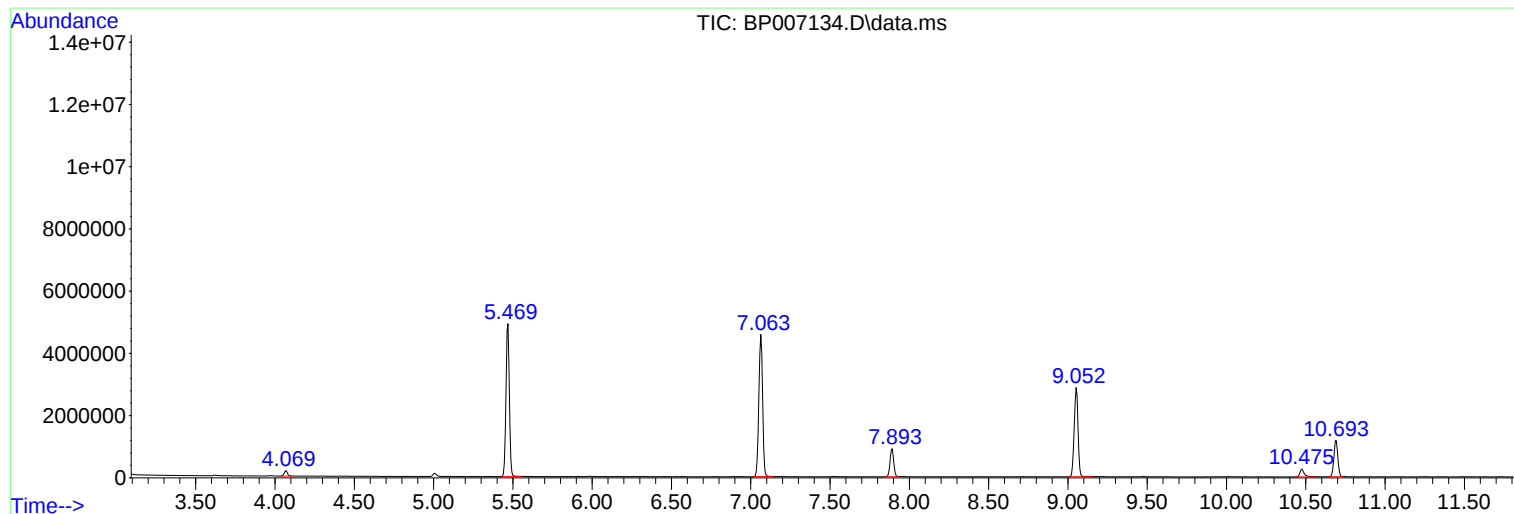
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PT-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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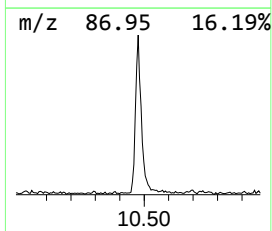
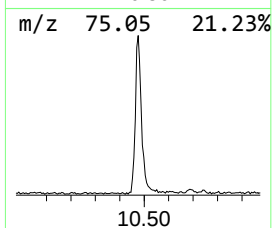
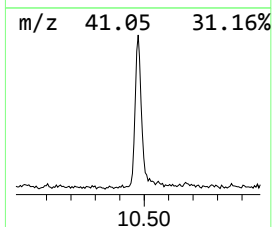
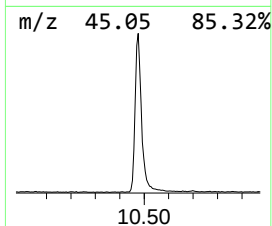
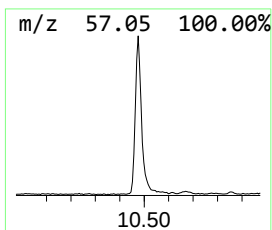
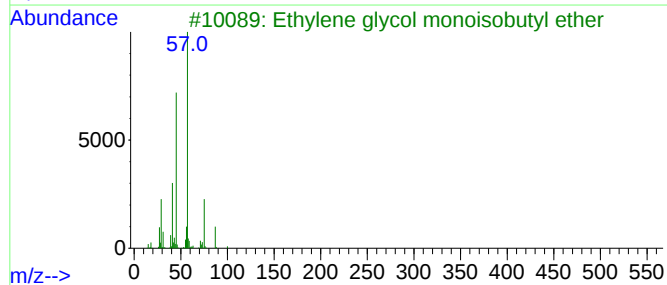
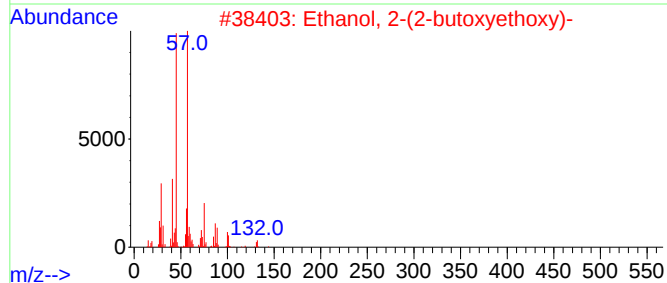
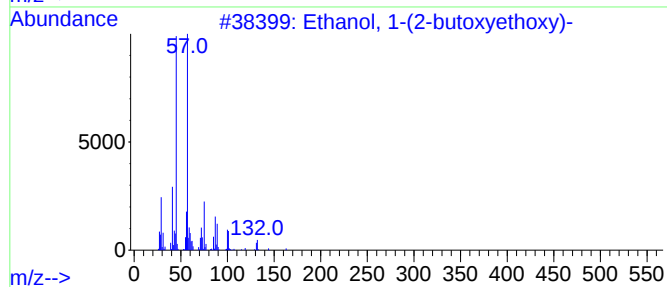
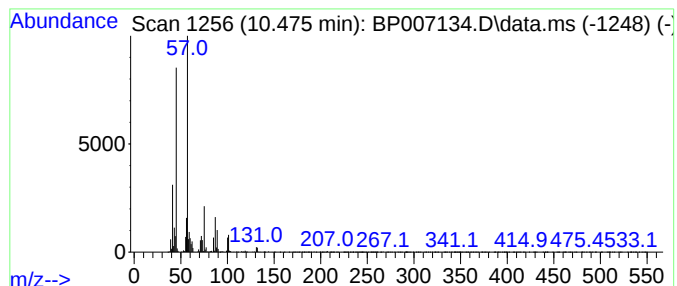
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	4.73 ng	476636	Naphthalene-d8	10.693

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			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	50
5			2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	50



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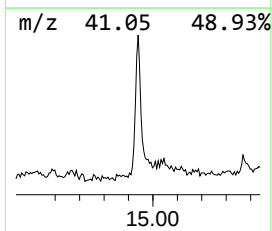
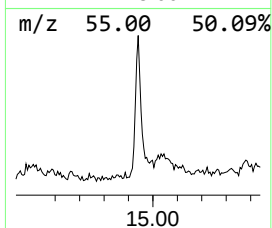
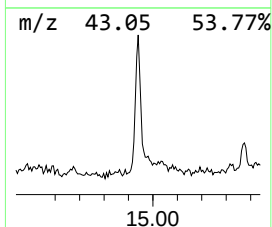
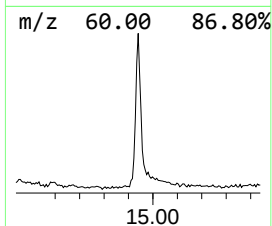
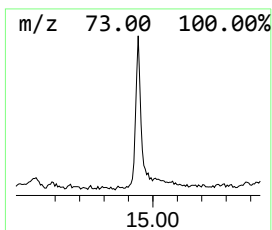
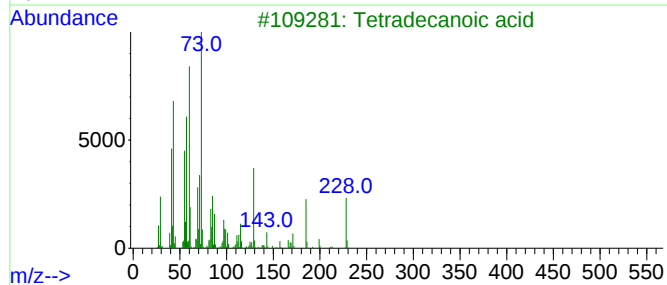
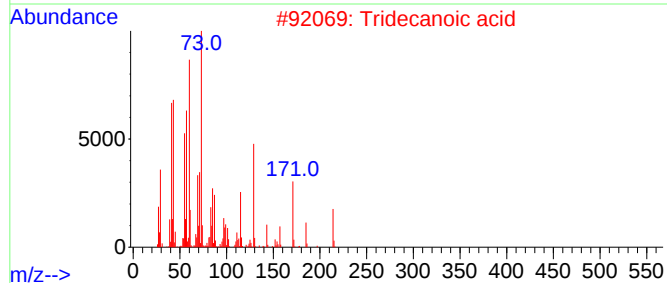
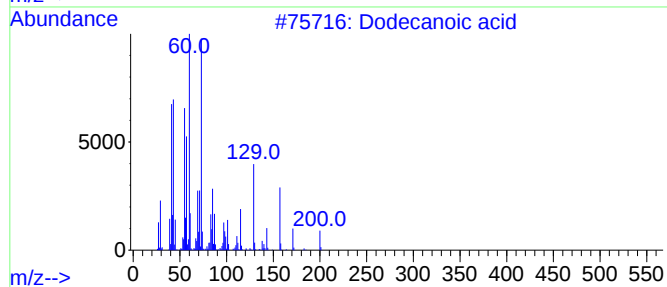
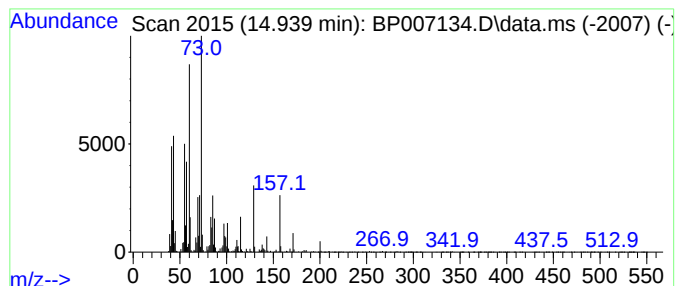
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	2.54 ng	351395	Acenaphthene-d10	14.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Nonanoic acid	158	C9H18O2	000112-05-0	52
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	49



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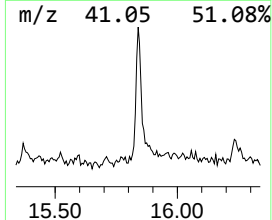
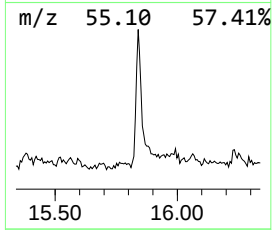
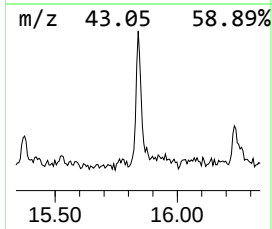
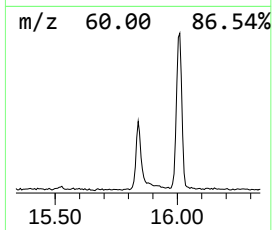
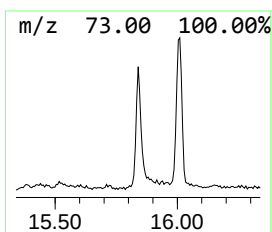
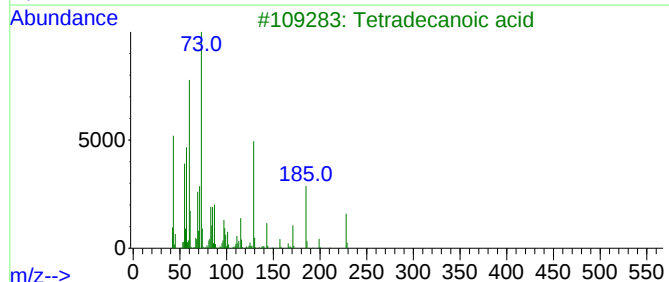
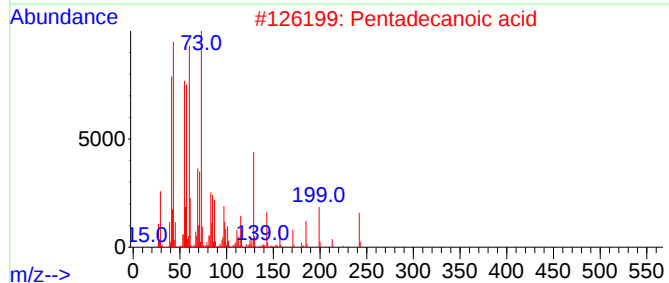
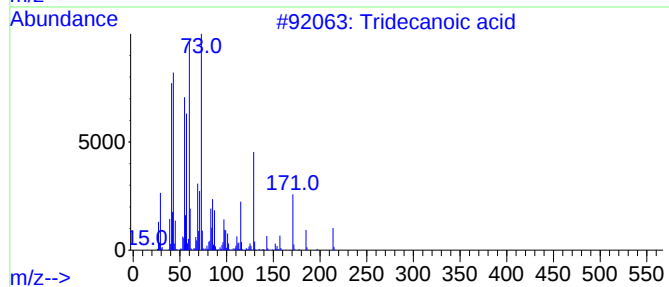
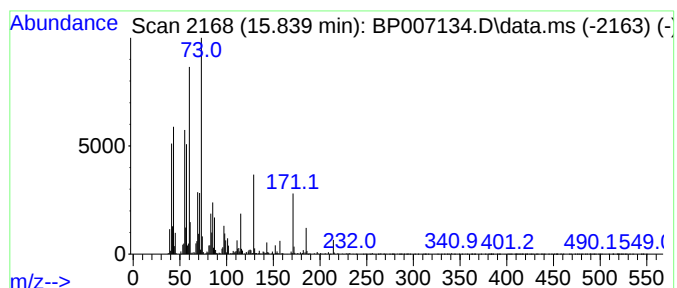
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Peak Number 4 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	2.37 ng	327472	Acenaphthene-d10	14.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Dodecanoic acid	200	C12H24O2	000143-07-7	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	53



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Misc :
ALS Vial : 7 Sample Multiplier: 1

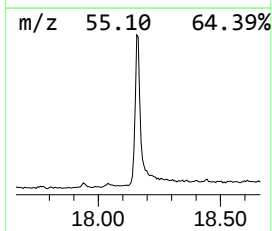
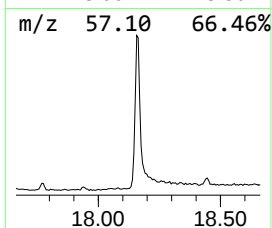
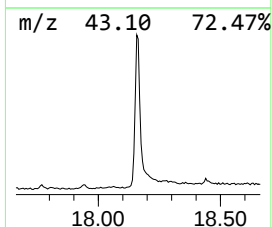
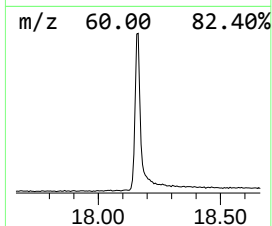
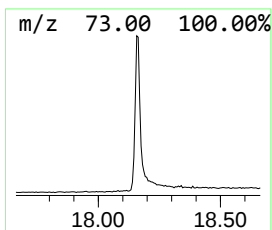
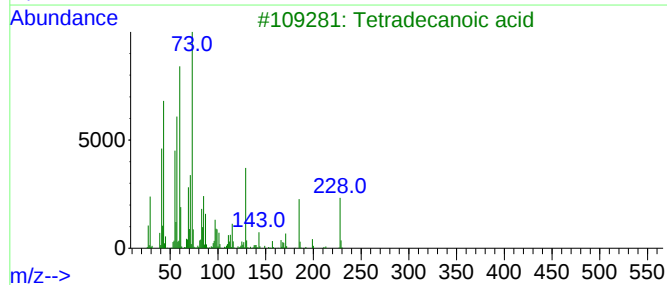
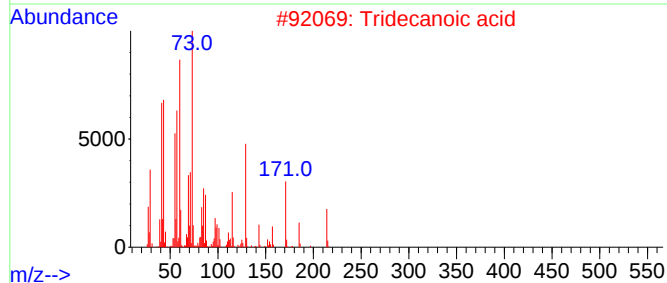
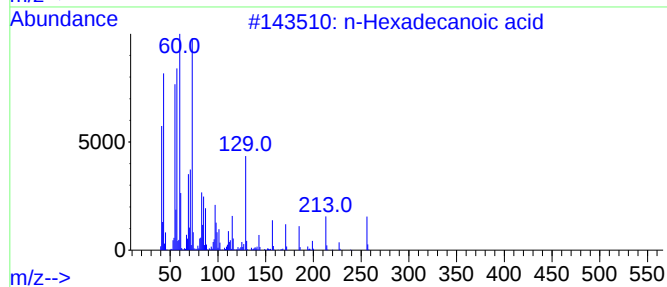
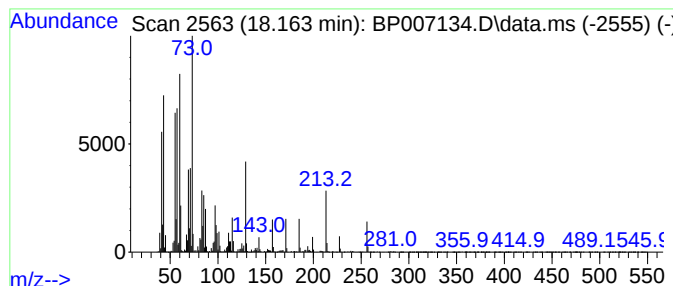
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.163	16.32 ng	2660880	Phenanthrene-d10	17.269	
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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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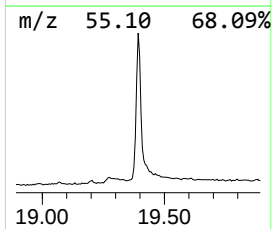
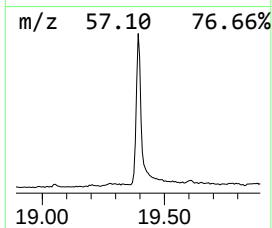
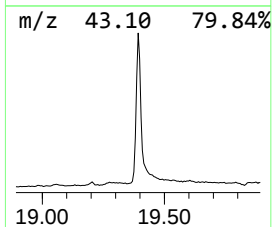
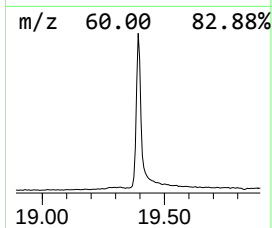
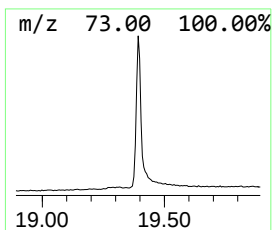
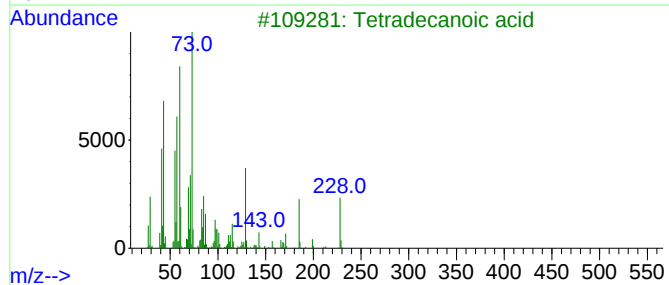
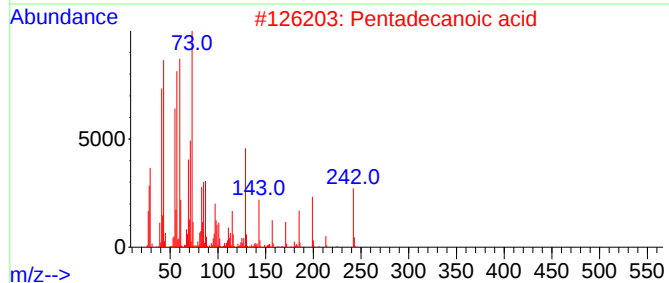
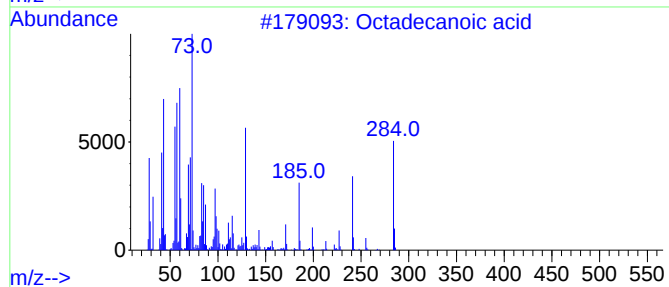
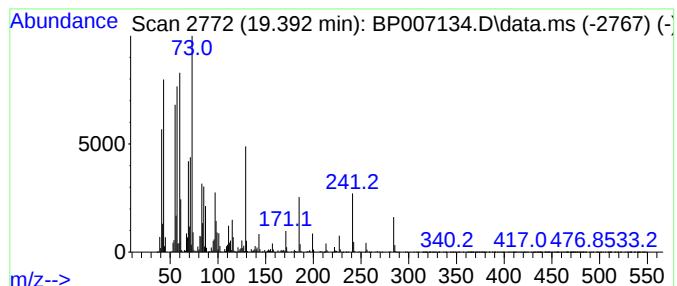
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Peak Number 6 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	18.47 ng	4012920	Chrysene-d12	21.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



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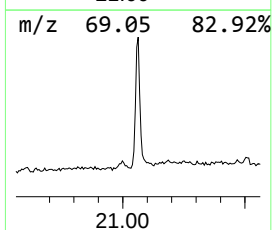
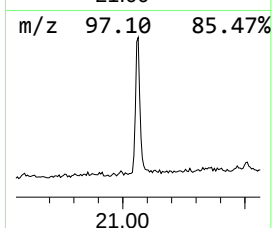
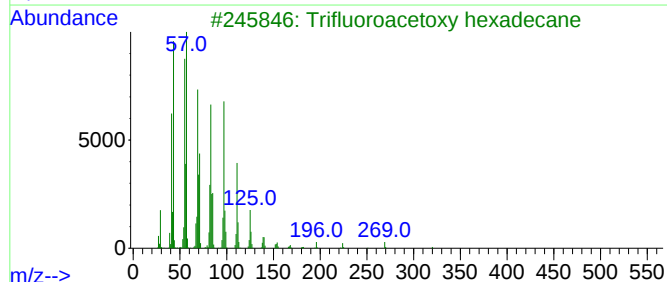
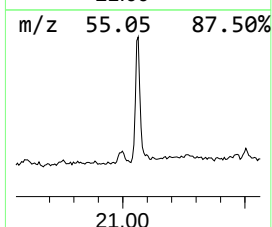
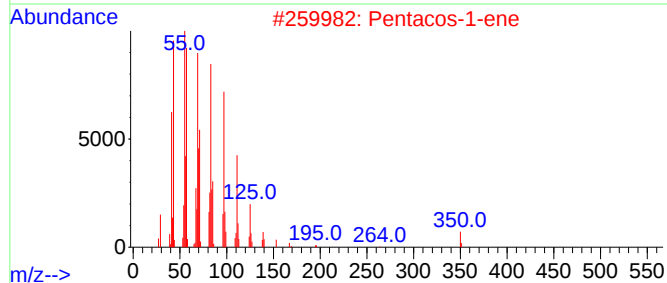
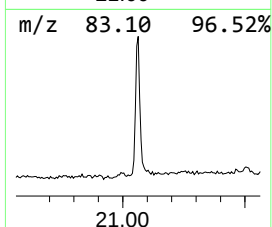
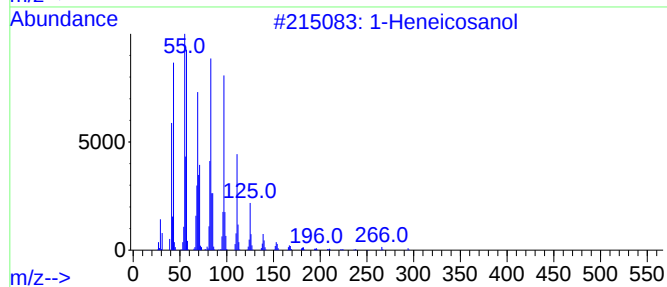
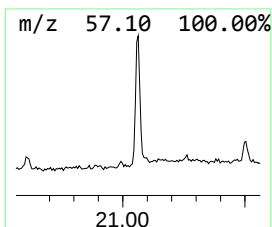
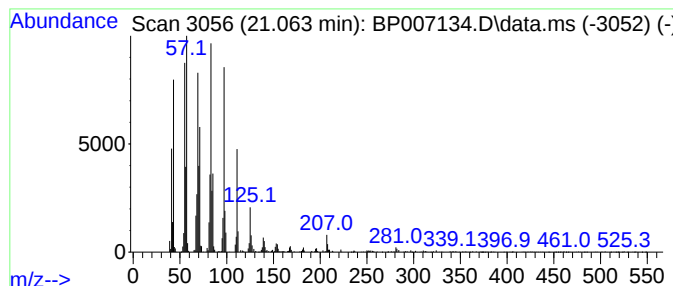
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	4.93 ng	1071050	Chrysene-d12	21.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			Pentacos-1-ene	350	C25H50	016980-85-1	94
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4			Nonacos-1-ene	406	C29H58	018835-35-3	94
5			Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007134.D
Acq On : 23 Sep 2021 20:28
Operator : CG/JU
Sample : M3860-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-SOIL

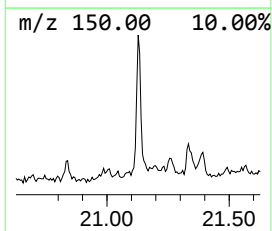
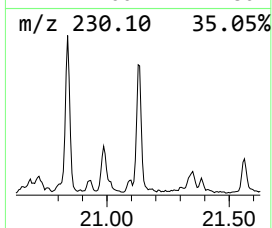
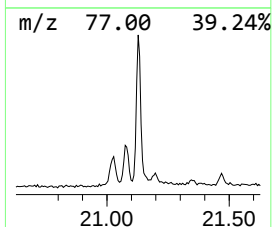
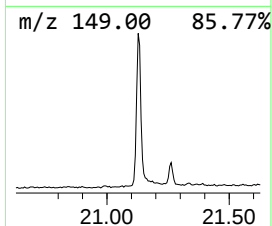
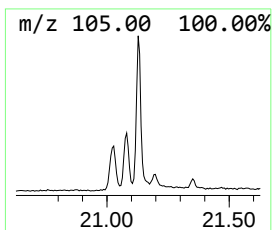
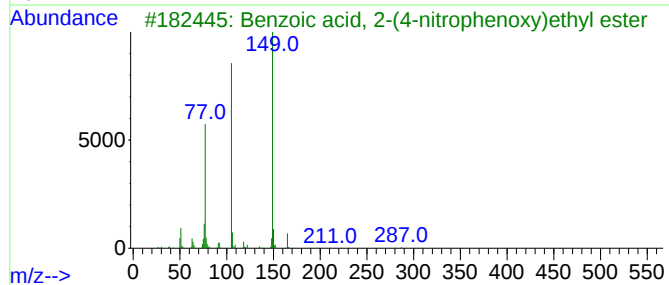
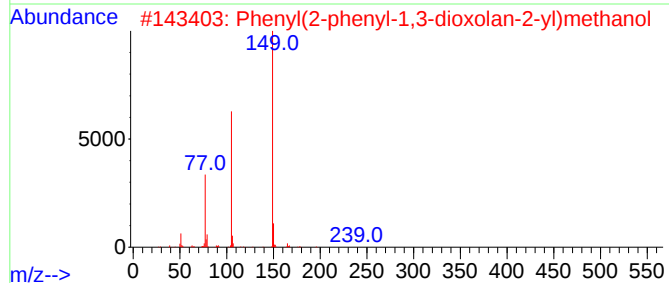
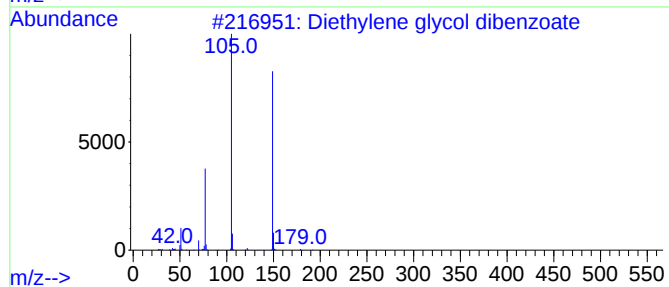
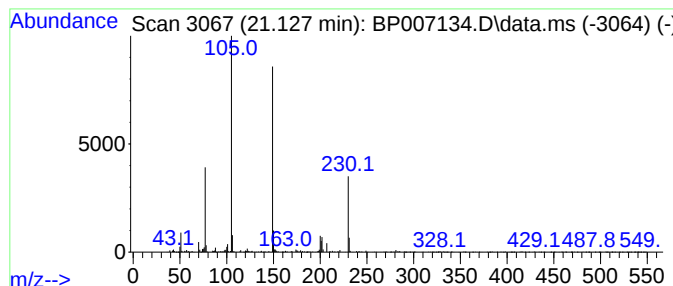
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Diethylene glycol dibenzoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	2.24 ng	487366	Chrysene-d12	21.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
2			Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	59
3			Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	59
4			Phenyl(2-phenyl-1,3-dioxolan-2-y...	270	C17H18O3	1000507-07-6	59
5			2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007134.D
Acq On : 23 Sep 2021 20:28
Operator : CG/JU
Sample : M3860-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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
Ethanol, 1-(2-b...	10.475	4.7	ng	476636	2	10.693	2015830	20.0
Dodecanoic acid	14.940	2.5	ng	351395	3	14.522	2766880	20.0
Tridecanoic acid	15.839	2.4	ng	327472	3	14.522	2766880	20.0
n-Hexadecanoic ...	18.163	16.3	ng	2660880	4	17.269	3260800	20.0
Octadecanoic acid	19.392	18.5	ng	4012920	5	21.351	4346090	20.0
1-Heneicosanol	21.063	4.9	ng	1071050	5	21.351	4346090	20.0
Diethylene glyc...	21.127	2.2	ng	487366	5	21.351	4346090	20.0