LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013945.D
Acq On : 03 Mar 2023 15:24
Operator : CG/JU
Sample : 01763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

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-BP021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013945.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.546	225	231	236	rBV	141490	184336	3.62%	0.736%
2	5.164	328	336	347	rBV	961575	1374762	26.97%	5.492%
3	5.628	408	415	424	rBV	1303281	1917774	37.63%	7.661%
4	7.240	680	689	704	rBV	1313890	2151732	42.22%	8.596%
5	8.087	826	833	842	rBV	404481	657192	12.89%	2.625%
6	9.263	1025	1033	1050	rBV	872138	1438383	28.22%	5.746%
7	10.916	1307	1314	1320	rBV	458793	763787	14.99%	3.051%
8	13.352	1721	1728	1744	rBV	2124166	3157337	61.95%	12.613%
9	14.728	1955	1962	1972	rBV	598393	941887	18.48%	3.763%
10	16.081	2187	2192	2200	rBV2	53587	80319	1.58%	0.321%
11	16.216	2209	2215	2234	rBV	1014299	1477518	28.99%	5.902%
12	17.481	2424	2430	2435	rBV	828412	1177389	23.10%	4.703%
13	17.522	2435	2437	2446	rVB	52069	71210	1.40%	0.284%
14	18.339	2571	2576	2582	rBV	132164	233878	4.59%	0.934%
15	19.475	2765	2769	2774	rVB	80948	107265	2.10%	0.428%
16	19.563	2780	2784	2790	rBV2	72231	129120	2.53%	0.516%
17	19.828	2825	2829	2834	rVB	73425	114131	2.24%	0.456%
18	20.016	2856	2861	2868	rBV	4353471	5096900	100.00%	20.361%
19	20.298	2906	2909	2914	rVB3	43546	55640	1.09%	0.222%
20	20.775	2988	2990	2994	rVB2	54635	55508	1.09%	0.222%
21	21.228	3064	3067	3076	rBV	391969	549019	10.77%	2.193%
22	21.557	3118	3123	3129	rBV	1111904	1578321	30.97%	6.305%
23	24.104	3550	3556	3571	rVB2	794934	1719605	33.74%	6.869%

Sum of corrected areas: 25033013

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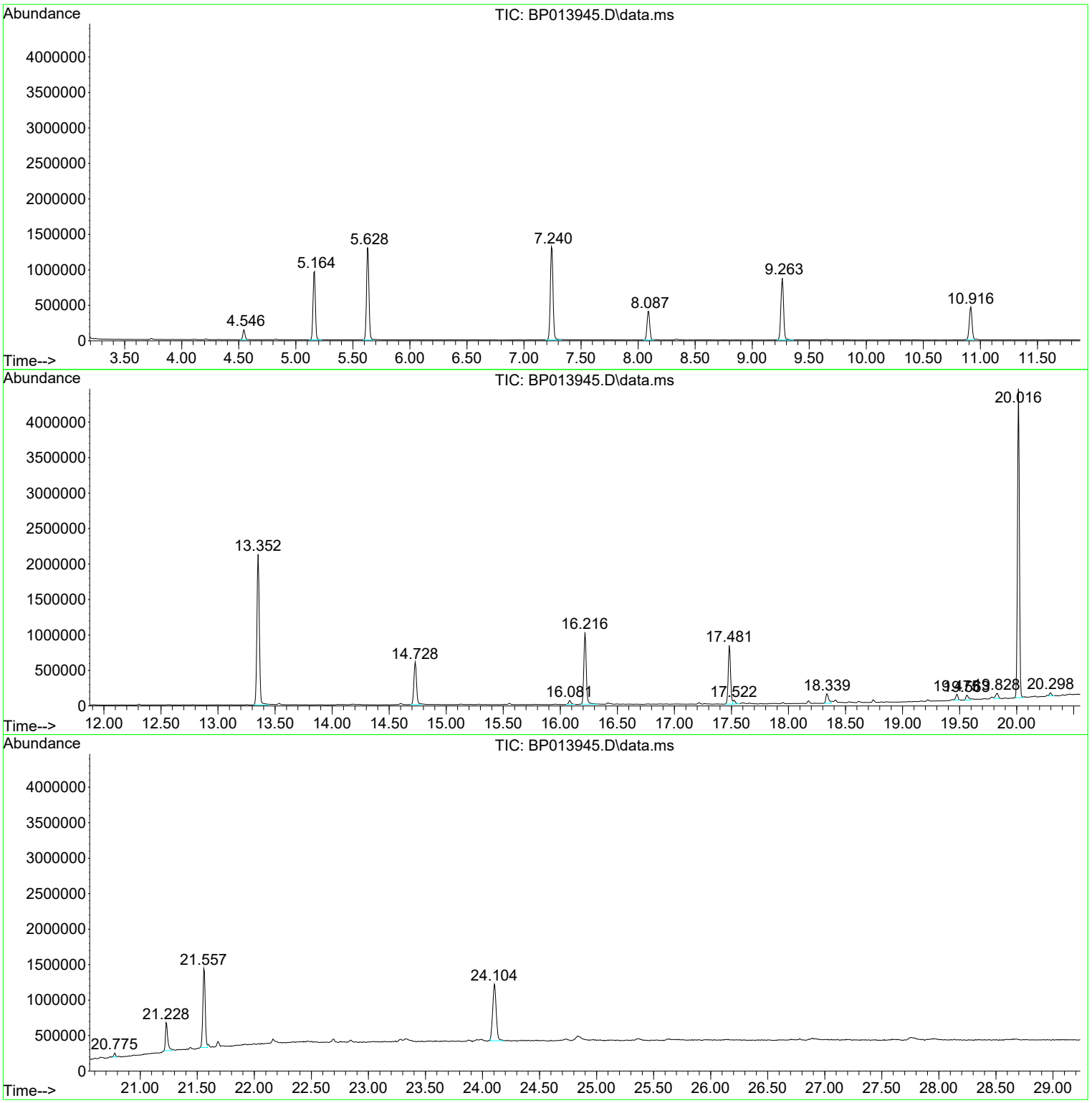
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\Database\NIST20.L
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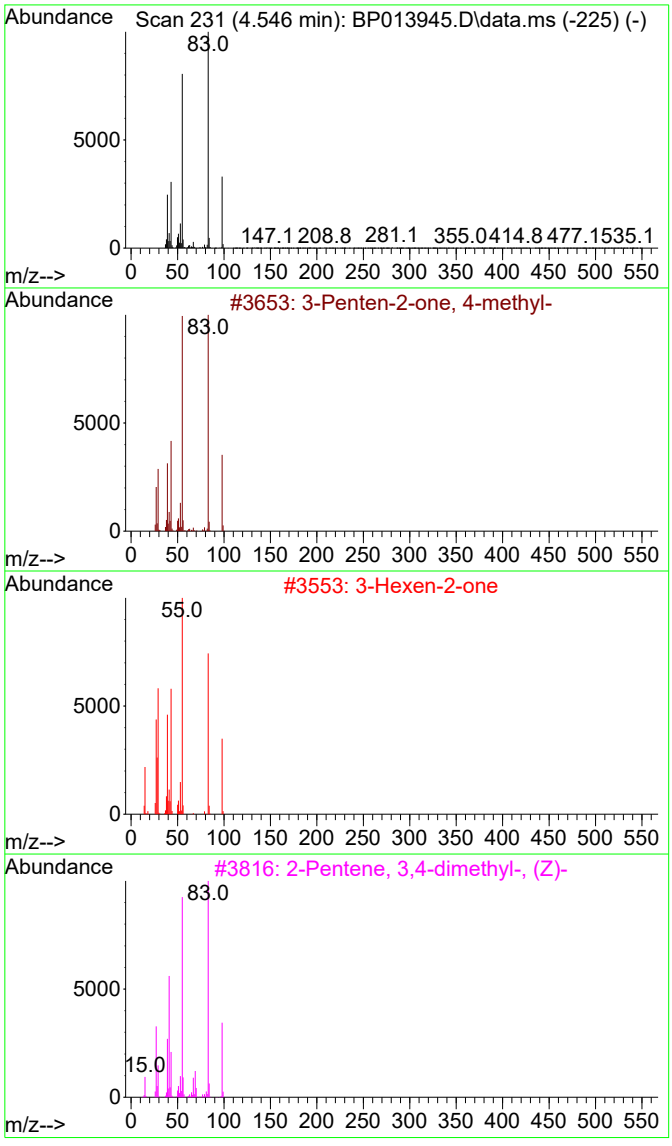
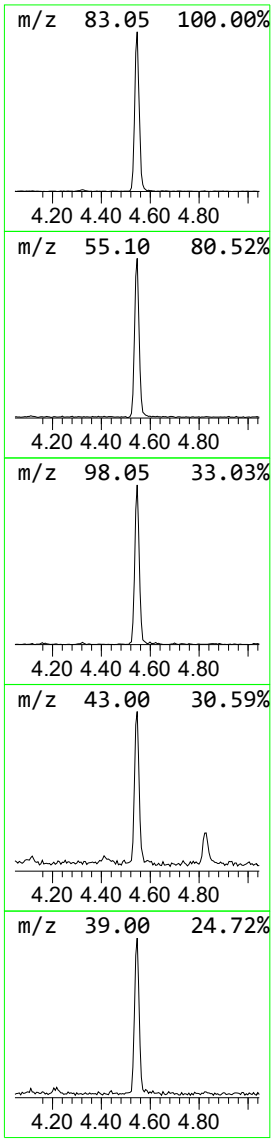
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.546	5.61 ng	184336	1,4-Dichlorobenzene-d4	8.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	93
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





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Instrument :
BNA_P
ClientSampleId :
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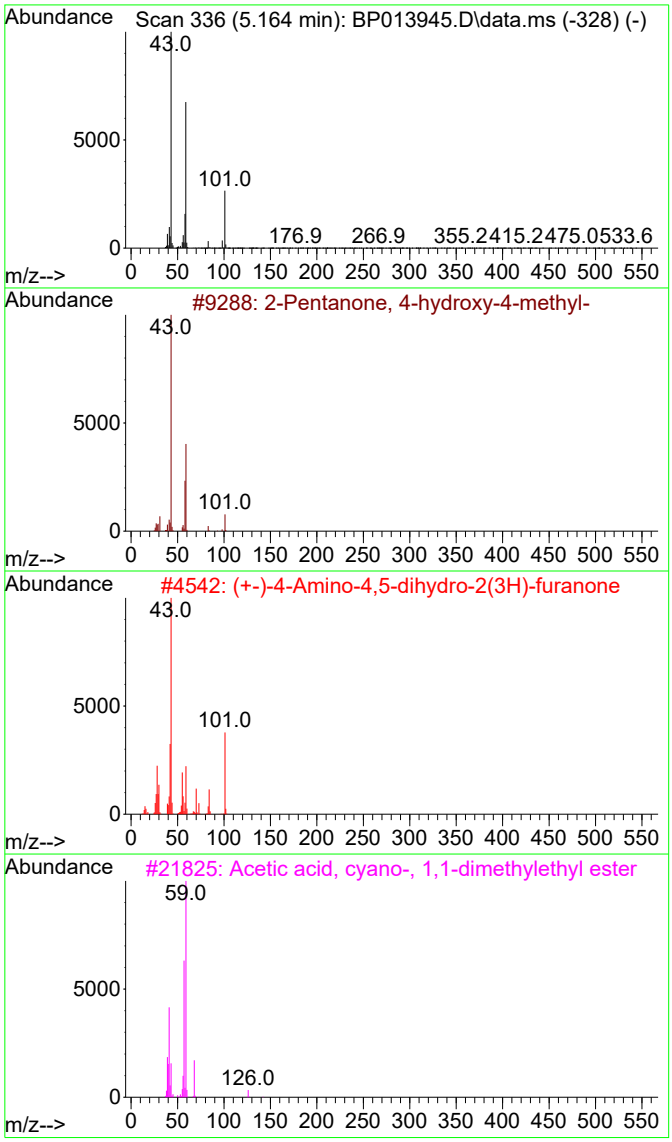
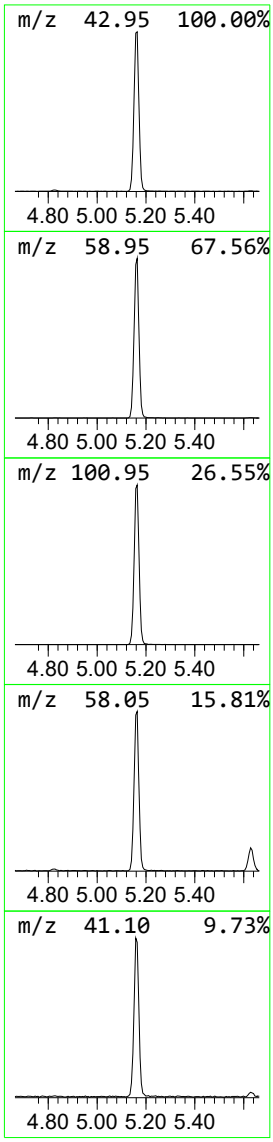
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.164	41.84 ng	1374760	1,4-Dichlorobenzene-d4	8.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Data File : BP013945.D
Acq On : 03 Mar 2023 15:24
Operator : CG/JU
Sample : 01763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
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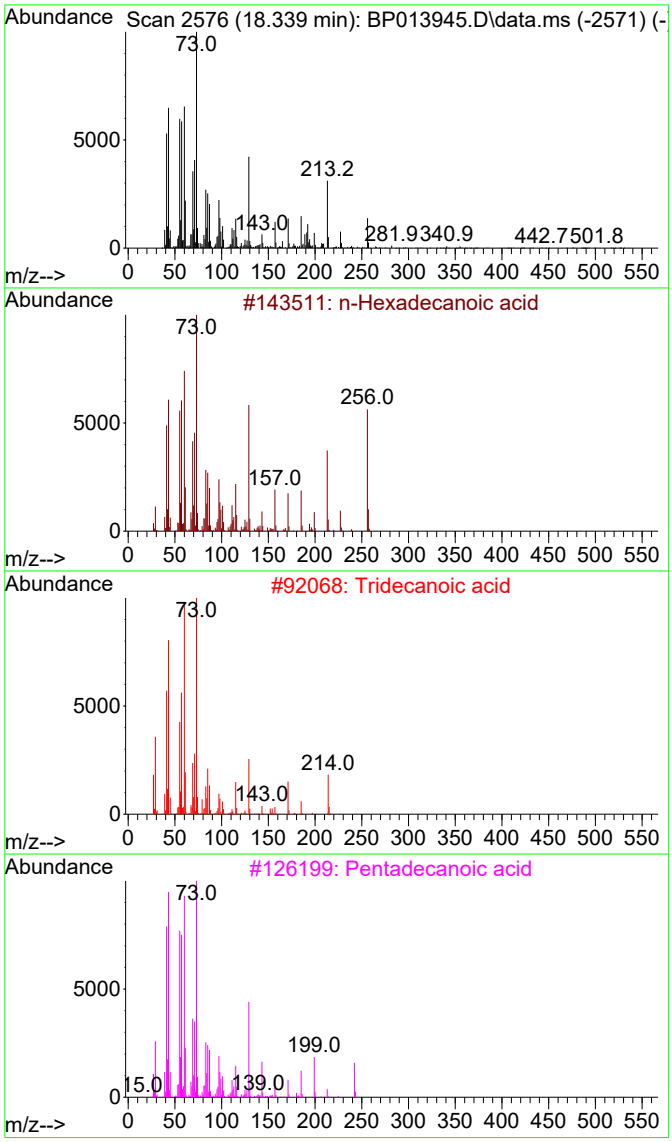
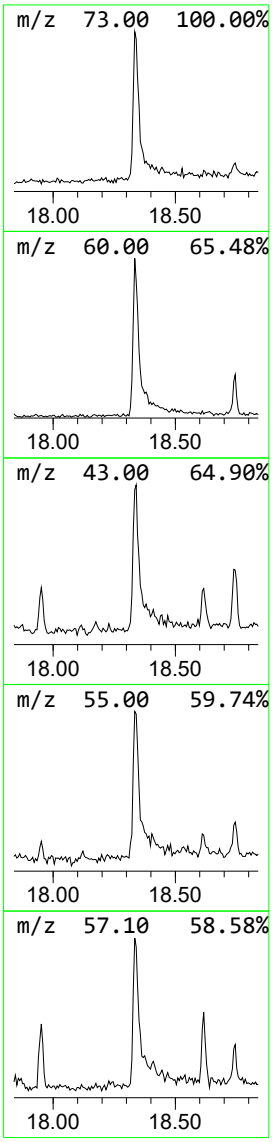
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	3.97 ng	233878	Phenanthrene-d10	17.481

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	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Cyclohexane, 1-(1-tetradecylpent...	491	C35H70	055521-27-2	44





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Sample : 01763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
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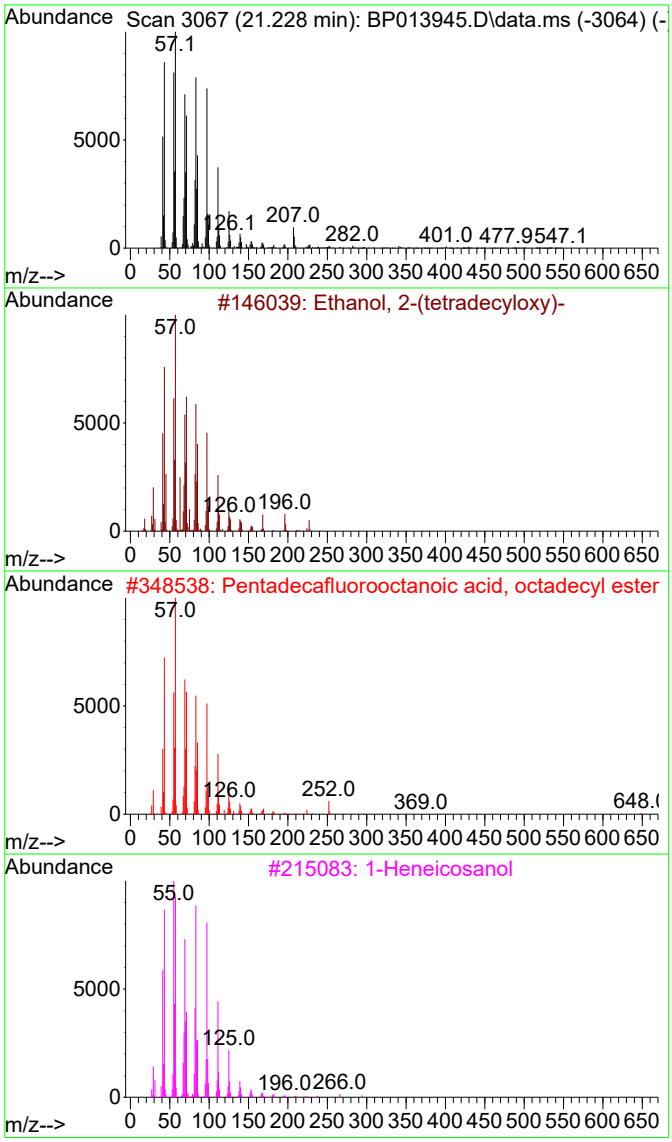
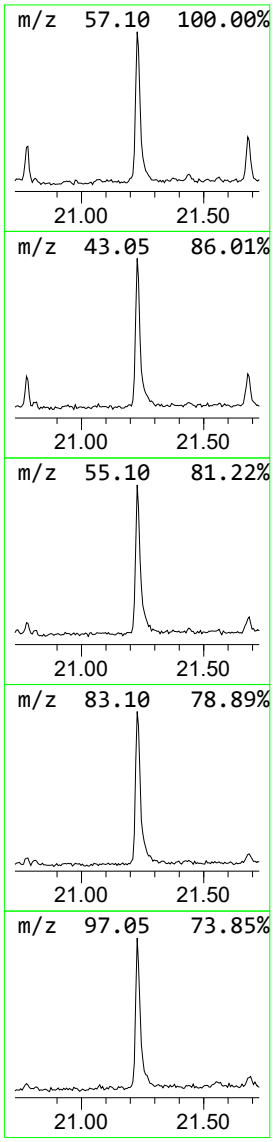
****
Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.228	6.96 ng	549019	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Cyclopentadecane	210	C15H30	000295-48-7	92





Tentatively Identified Compound (LSC) summary

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BNA_P
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CM-A-CRUSHED-MASONRY-PILE-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.546	5.6	ng	184336	1	8.093	657192	20.0
2-Pentanone, 4-...	5.164	41.8	ng	1374760	1	8.093	657192	20.0
n-Hexadecanoic ...	18.340	4.0	ng	233878	4	17.481	1177390	20.0
Ethanol, 2-(tet...	21.228	7.0	ng	549019	5	21.557	1578320	20.0