LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007304.D
Acq On : 04 Oct 2021 14:39
Operator : CG/JU
Sample : M4035-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 205

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: BP007304.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	394	401	419	rBV	2619394	3823650	53.83%	9.699%
2	7.046	665	673	692	rBV	2232653	3655088	51.46%	9.271%
3	7.863	801	812	820	rBV	641585	1003404	14.13%	2.545%
4	9.028	1002	1010	1026	rBV	1377018	2377238	33.47%	6.030%
5	10.457	1247	1253	1265	rBV	81229	189076	2.66%	0.480%
6	10.663	1280	1288	1297	rBV	756509	1292209	18.19%	3.278%
7	13.122	1697	1706	1720	rBV	3286304	4890882	68.86%	12.406%
8	13.981	1847	1852	1856	rBV	63368	86571	1.22%	0.220%
9	14.498	1934	1940	1952	rVB	1078529	1627493	22.91%	4.128%
10	15.757	2149	2154	2158	rVB	57616	82917	1.17%	0.210%
11	15.992	2187	2194	2202	rBV	2648207	3852908	54.25%	9.773%
12	16.234	2228	2235	2240	rBV2	127580	214903	3.03%	0.545%
13	17.063	2372	2376	2385	rVB2	69982	118082	1.66%	0.300%
14	17.251	2402	2408	2413	rBV	1318131	1928436	27.15%	4.892%
15	18.139	2555	2559	2568	rBV	489284	741528	10.44%	1.881%
16	19.263	2746	2750	2756	rBV	116295	151571	2.13%	0.384%
17	19.375	2765	2769	2774	rBV	152656	220186	3.10%	0.559%
18	19.616	2807	2810	2817	rVB	94141	142292	2.00%	0.361%
19	19.810	2838	2843	2854	rVB	5893354	7102695	100.00%	18.017%
20	21.045	3049	3053	3061	rBV2	503019	706672	9.95%	1.793%
21	21.339	3098	3103	3108	rBV	1938040	2491042	35.07%	6.319%
22	23.745	3506	3512	3521	rVB2	1357275	2724092	38.35%	6.910%

Sum of corrected areas: 39422935

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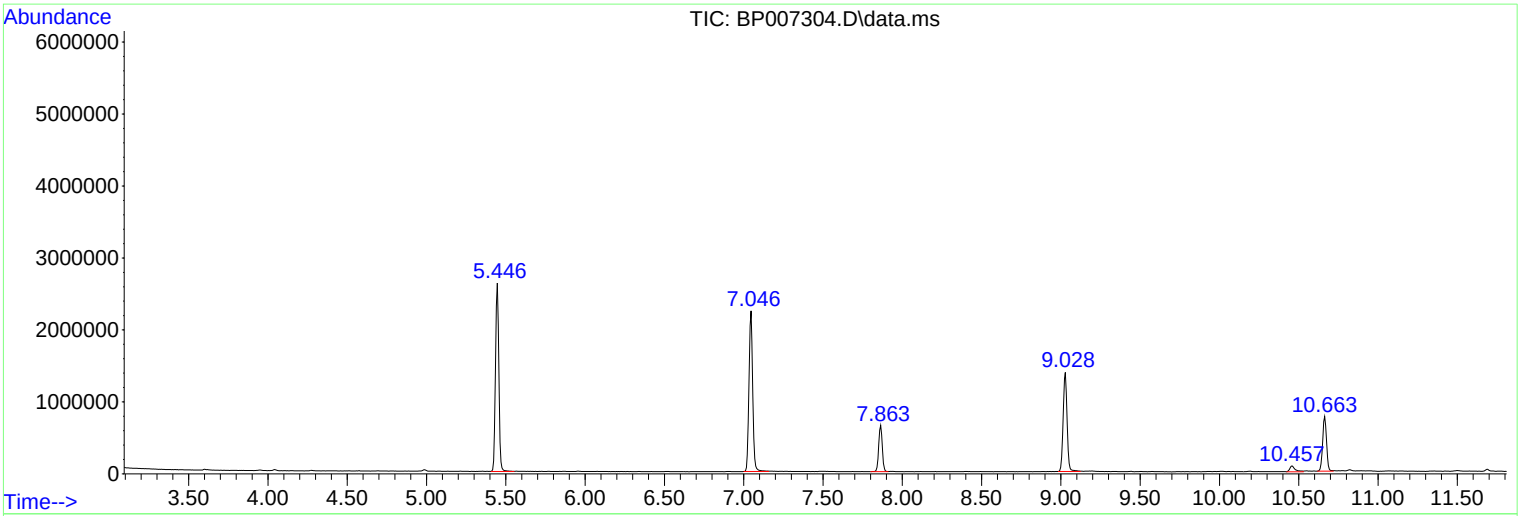
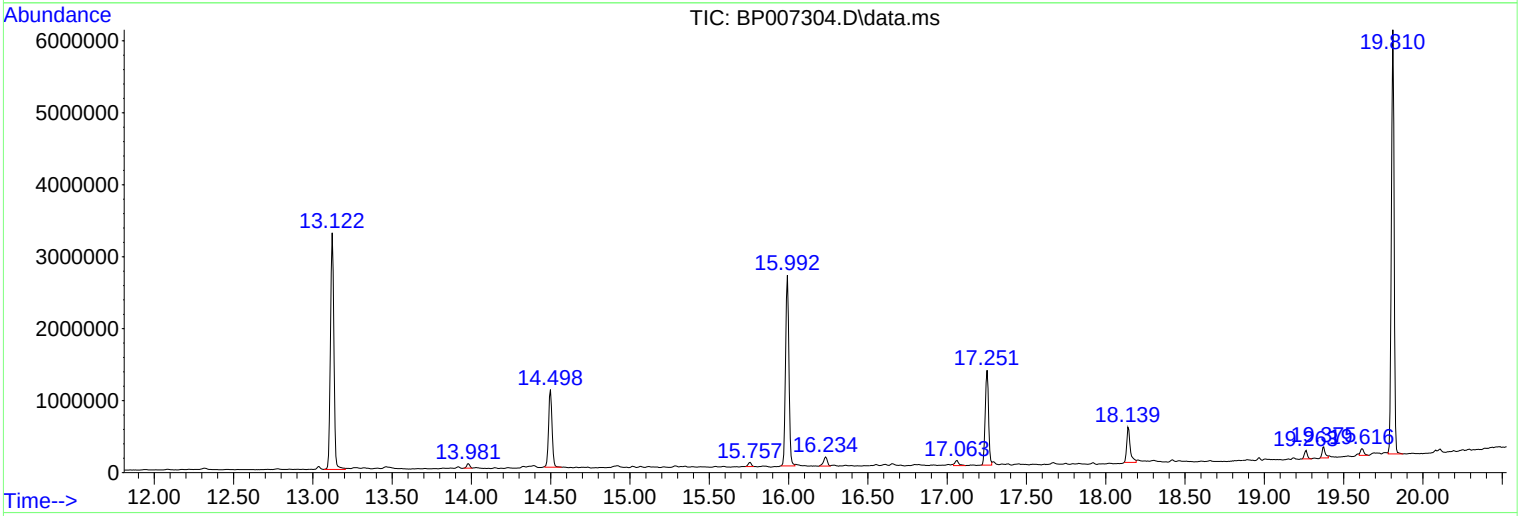
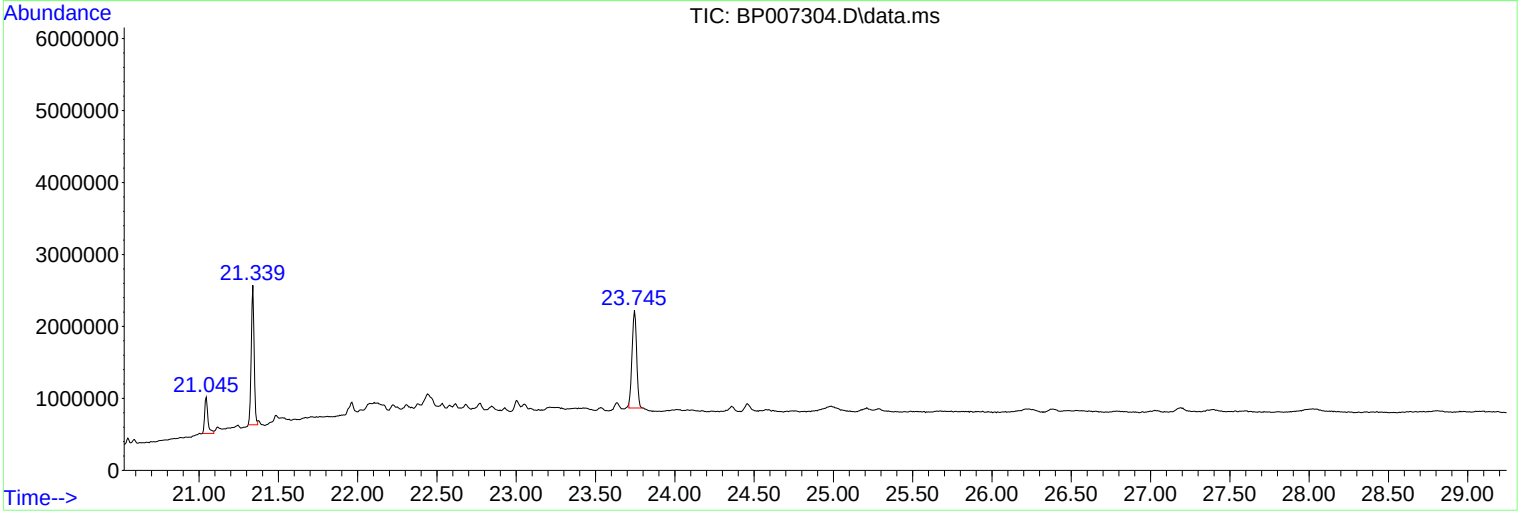
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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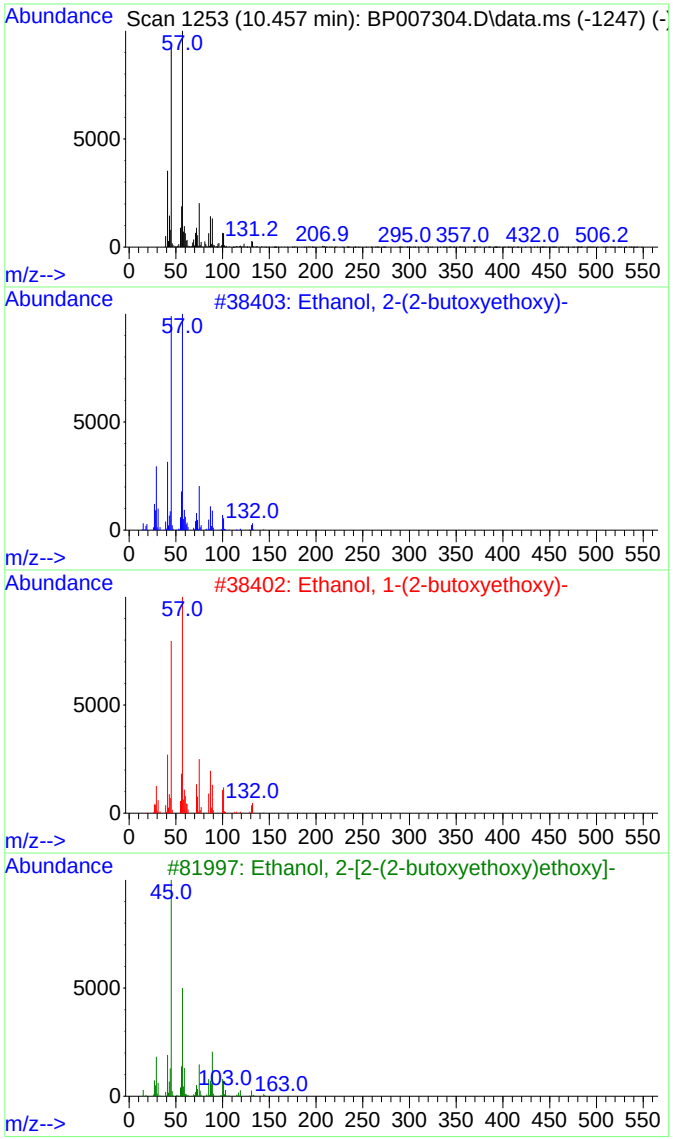
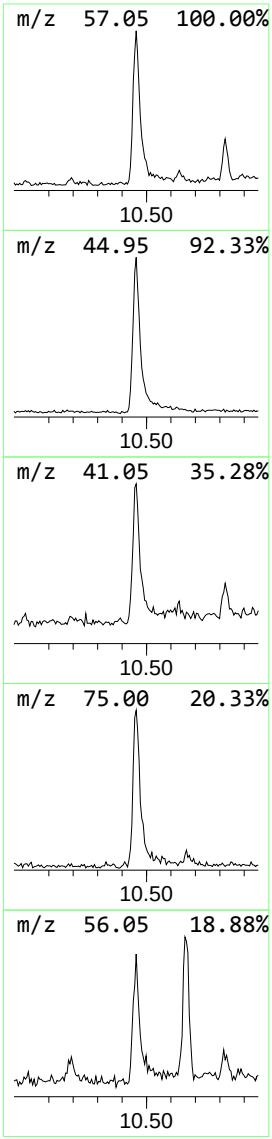
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	2.93 ng	189076	Naphthalene-d8	10.663

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-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	53





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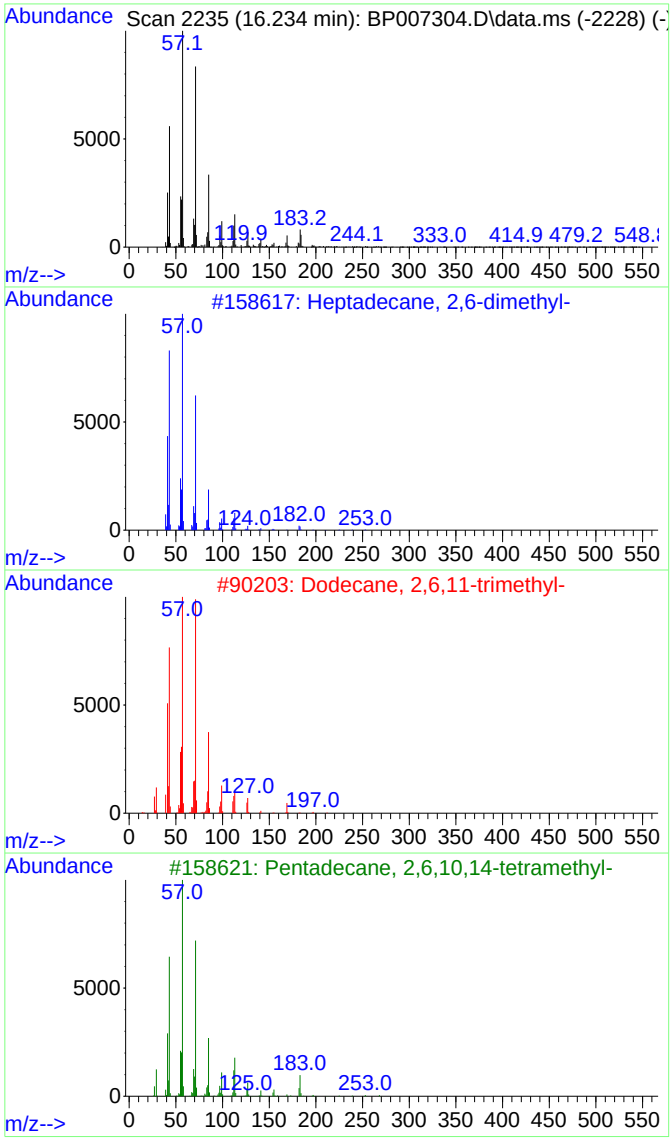
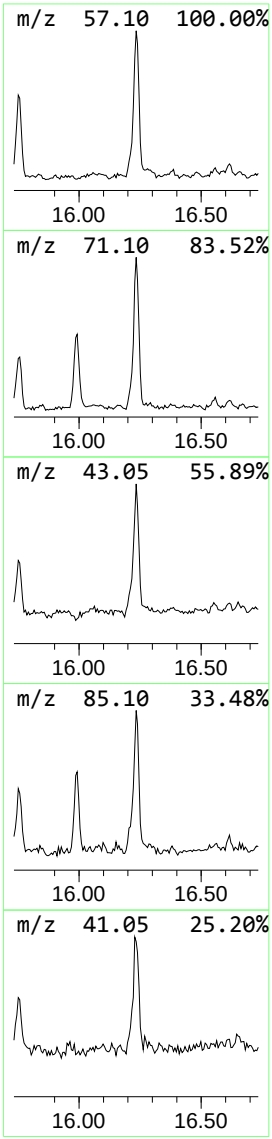
Peak Number 2 Heptadecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.234	2.23 ng	214903	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	94
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
5	Tridecane	184	C13H28	000629-50-5	87





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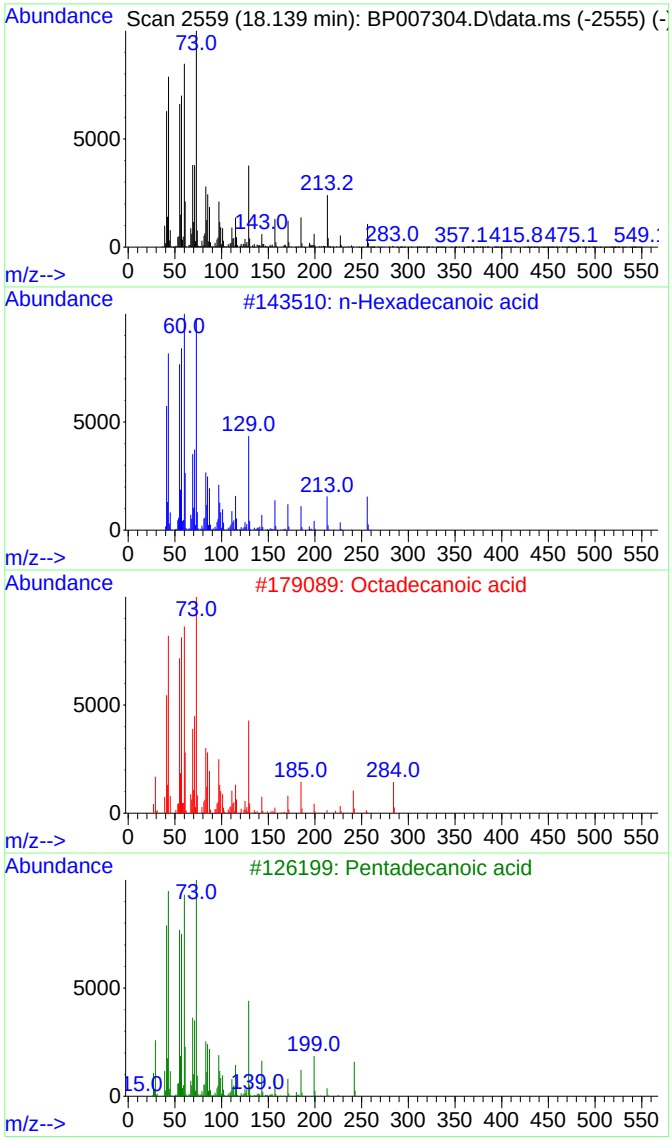
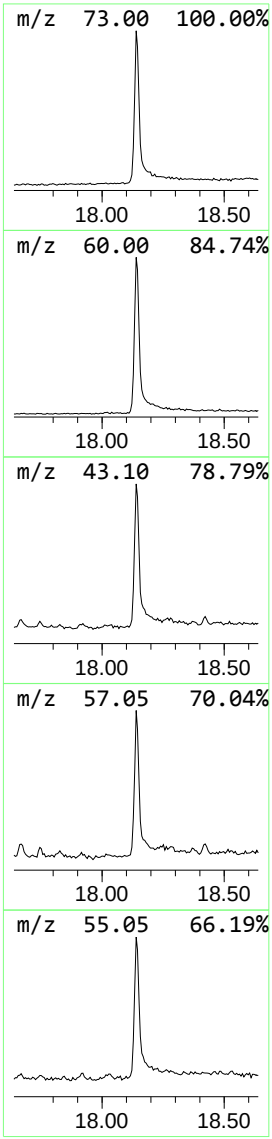
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	7.69 ng	741528	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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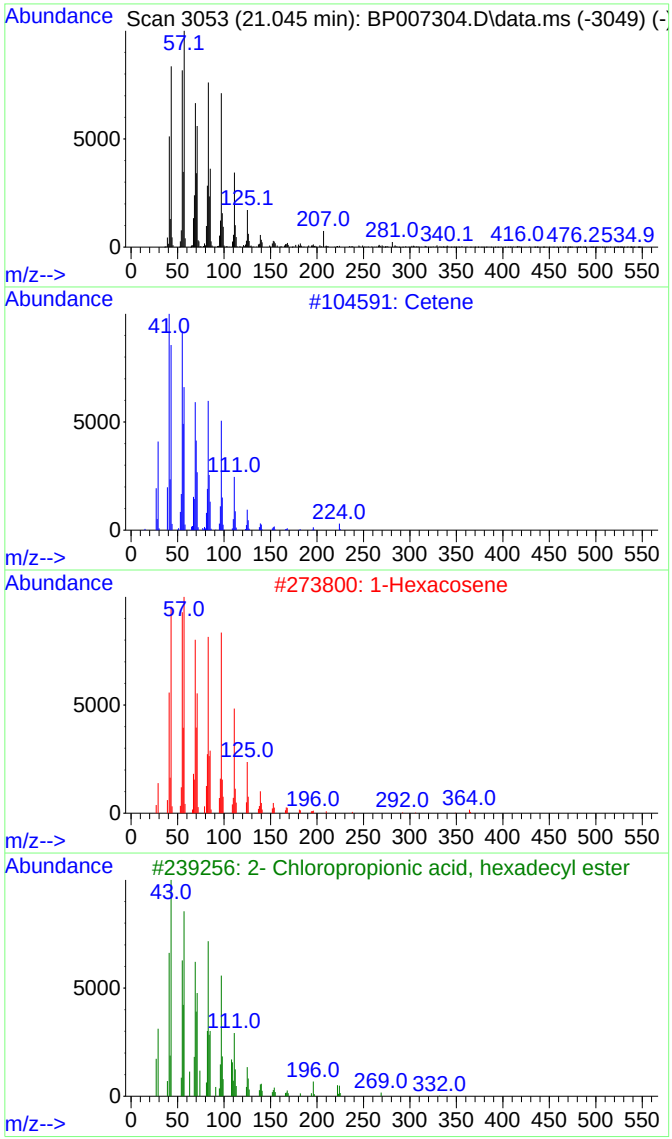
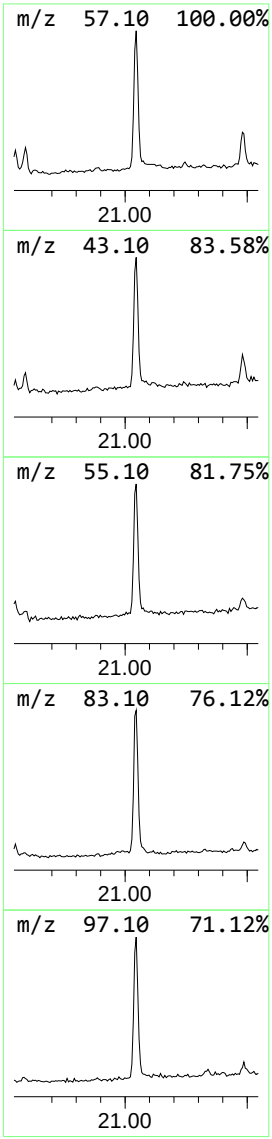
Peak Number 4 Cetene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	5.67 ng	706672	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.457	2.9	ng	189076	2	10.663	1292210	20.0
Heptadecane, 2,...	16.234	2.2	ng	214903	4	17.251	1928440	20.0
n-Hexadecanoic ...	18.139	7.7	ng	741528	4	17.251	1928440	20.0
Cetene	21.045	5.7	ng	706672	5	21.339	2491040	20.0