LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
Data File : BG061073.D
Acq On : 1 May 2024 12:38
Operator : MA/JU
Sample : P2307-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-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_G\Methods\8270-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061073.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	24	28	35	rVB3	13943	23520	2.13%	0.386%
2	3.669	110	116	122	rBV	9630	16784	1.52%	0.276%
3	5.520	425	431	443	rVB	249989	386962	35.05%	6.353%
4	7.101	693	700	709	rBV	266295	440102	39.86%	7.226%
5	7.929	834	841	848	rVB	101914	170143	15.41%	2.793%
6	9.081	1030	1037	1044	rBV	161283	287363	26.03%	4.718%
7	10.726	1309	1317	1325	rBV	132062	228416	20.69%	3.750%
8	13.182	1728	1735	1742	rBV	425828	654345	59.26%	10.743%
9	14.557	1961	1969	1976	rBV	215173	314937	28.52%	5.171%
10	16.043	2216	2222	2232	rBV	400664	614093	55.62%	10.082%
11	17.306	2431	2437	2442	rBV	253731	395029	35.78%	6.486%
12	17.347	2442	2444	2449	rVB	11904	11776	1.07%	0.193%
13	18.205	2582	2590	2599	rBV2	86619	135589	12.28%	2.226%
14	19.357	2781	2786	2794	rBV2	38765	67556	6.12%	1.109%
15	19.480	2804	2807	2815	rBV4	25571	35485	3.21%	0.583%
16	19.721	2840	2848	2854	rBV	32330	55247	5.00%	0.907%
17	19.921	2875	2882	2894	rBV	839272	1104180	100.00%	18.129%
18	20.614	2996	3000	3007	rBV8	10297	16943	1.53%	0.278%
19	21.243	3102	3107	3113	rBV4	25876	53513	4.85%	0.879%
20	21.466	3142	3145	3147	rBV4	9188	11870	1.08%	0.195%
21	21.560	3153	3161	3166	rBV	309012	530572	48.05%	8.711%
22	24.674	3681	3691	3702	rBV	190877	536420	48.58%	8.807%

Sum of corrected areas: 6090845

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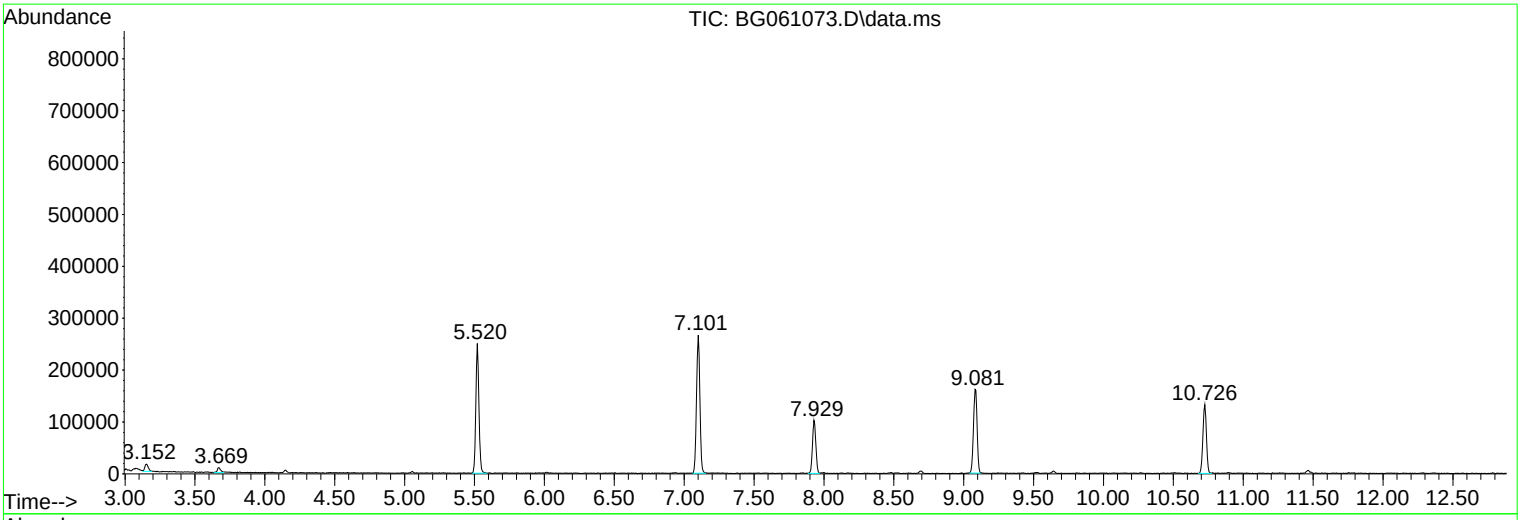
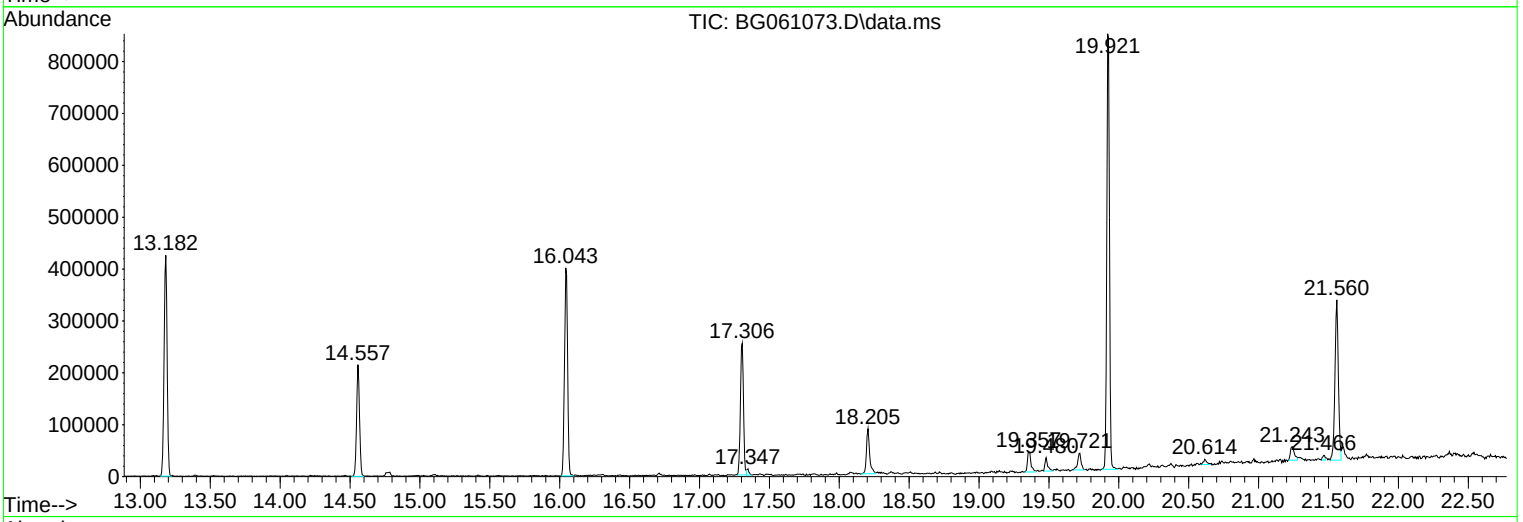
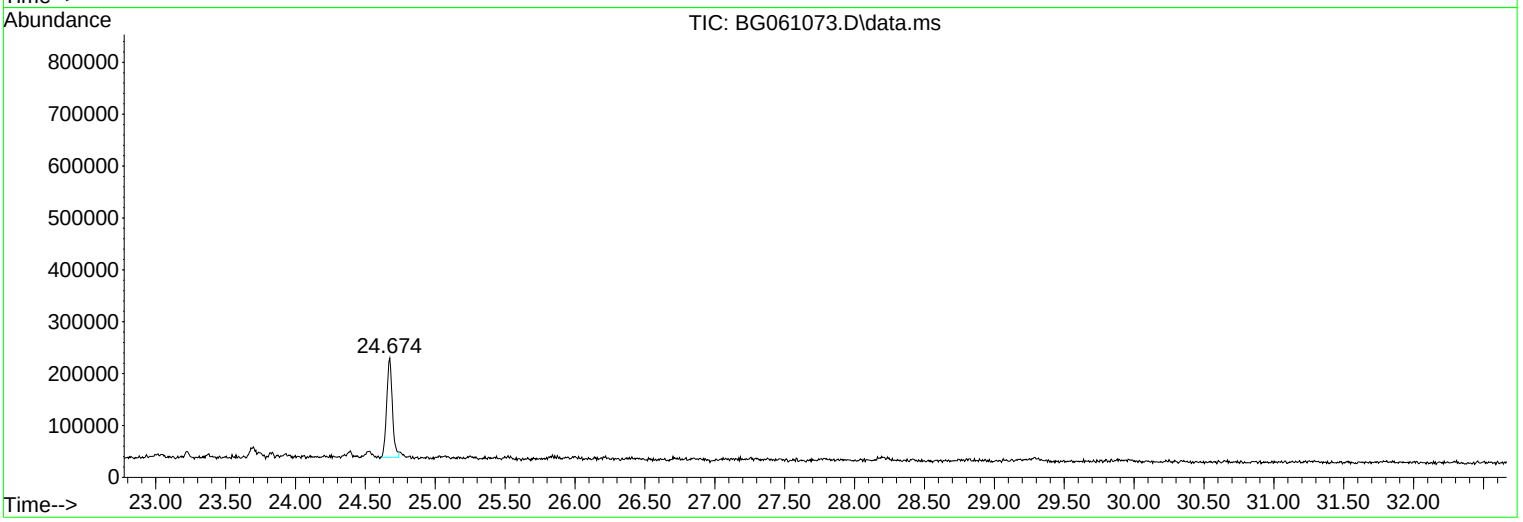
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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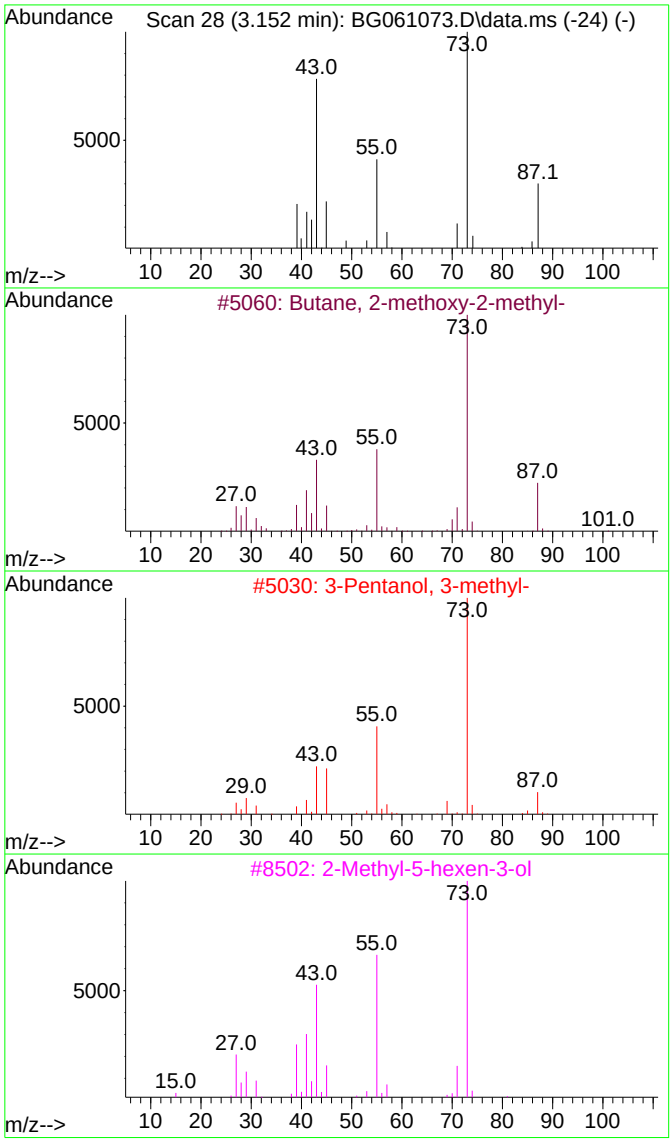
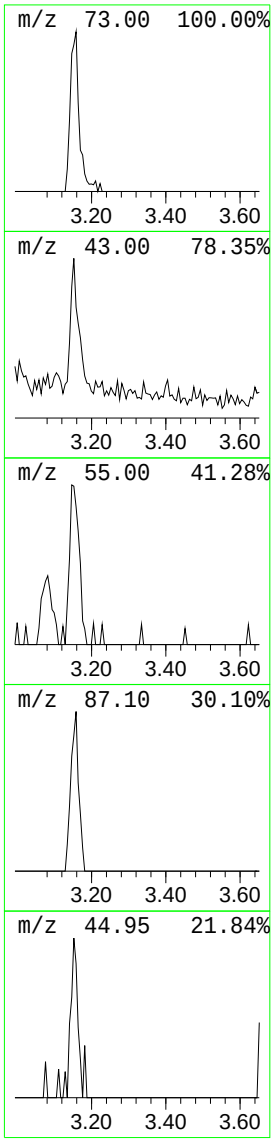
Peak Number 1 unknown3.152 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	2.76 ng	23520	1,4-Dichlorobenzene-d4	7.929

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	1-Pentanamine	87	C5H13N	000110-58-7	9





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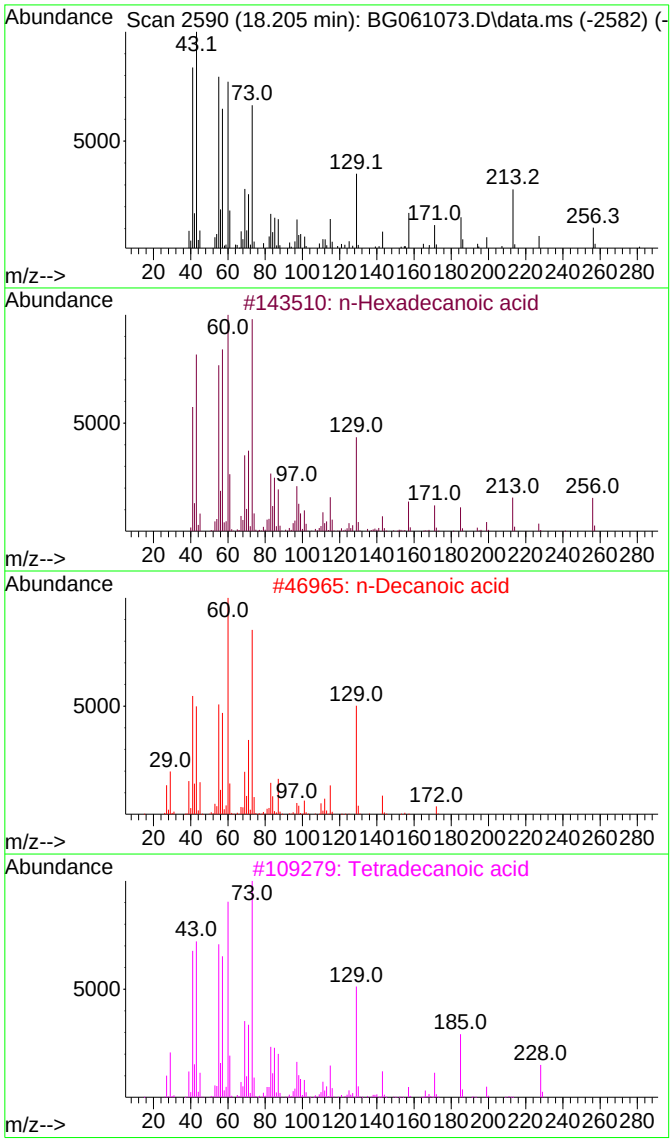
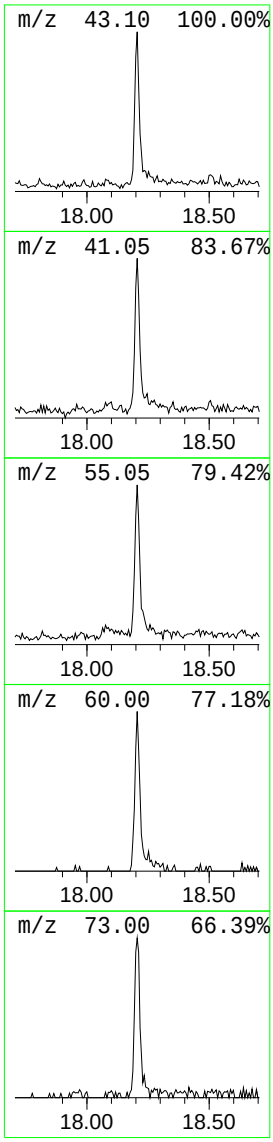
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.205	6.86 ng	135589	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	60
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52





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BNA_G
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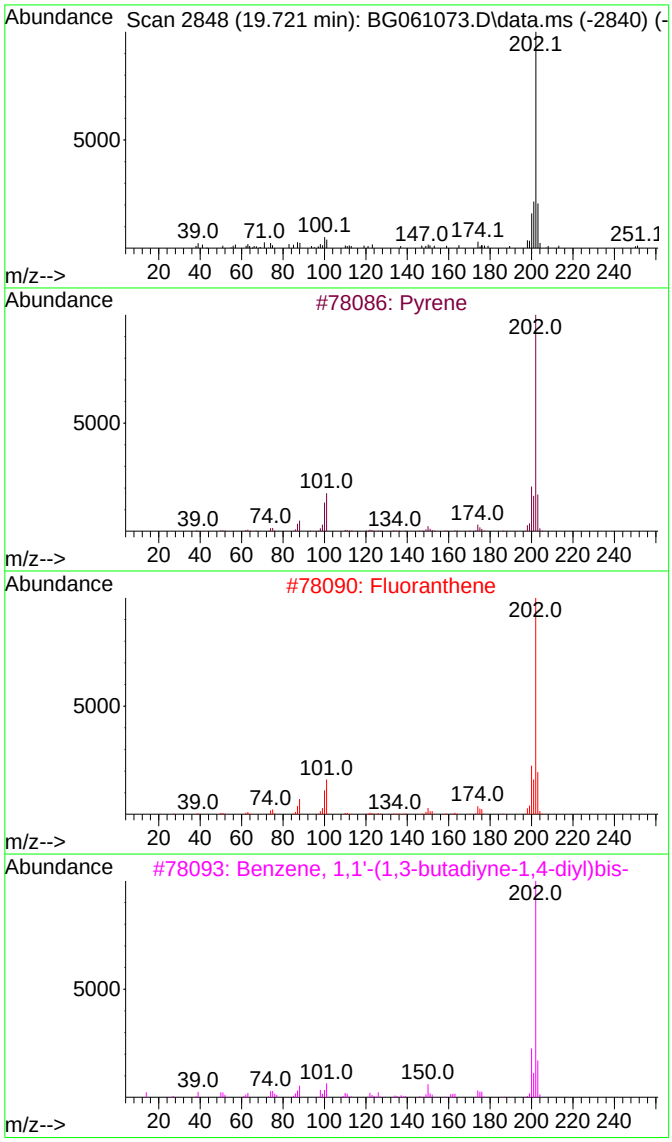
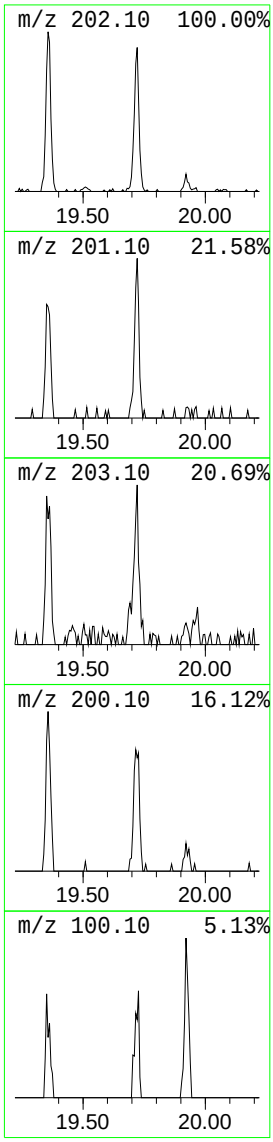
Peak Number 3 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	2.08 ng	55247	Chrysene-d12	21.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	87
2	Fluoranthene	202	C16H10	000206-44-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	59
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	45
5	8-Methoxy-2-[n-propyl]-5,6-dihyd...	230	C14H18N2O	059353-29-6	45





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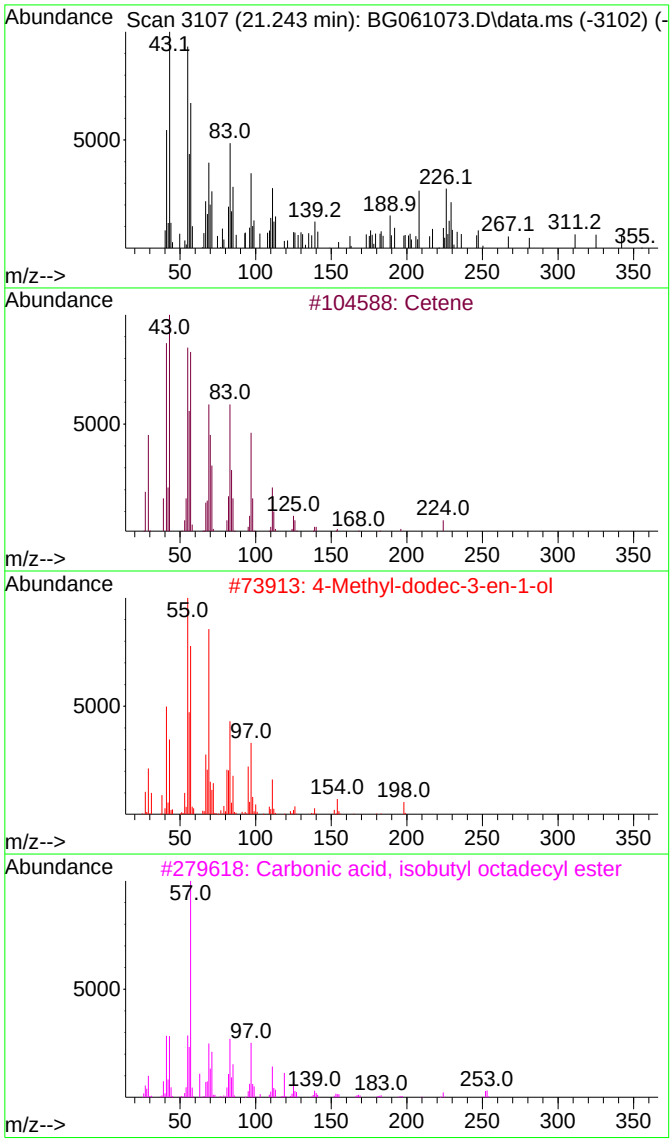
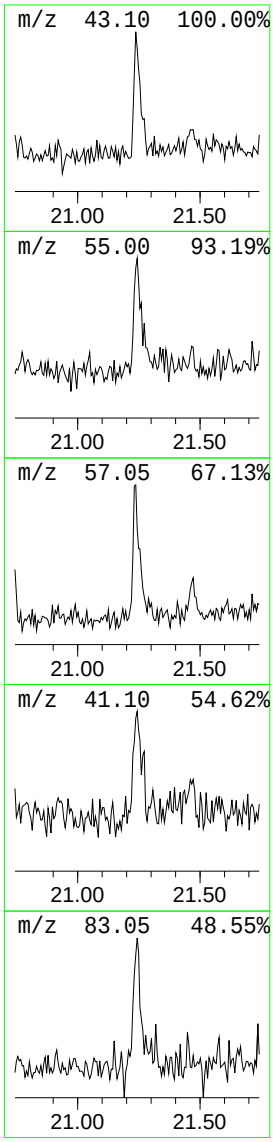
Peak Number 4 Cetene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.243	2.02 ng	53513	Chrysene-d12	21.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	60
2	4-Methyl-dodec-3-en-1-ol	198	C13H26O	156992-84-6	55
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	49
4	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	49
5	Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	49





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.152	3.152	2.8	ng	23520	1	7.929	170143	20.0
n-Hexadecanoic ...	18.205	6.9	ng	135589	4	17.306	395029	20.0
Benzene, 1,1'-(...	19.721	2.1	ng	55247	5	21.560	530572	20.0
Cetene	21.243	2.0	ng	53513	5	21.560	530572	20.0