LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
Data File : BG062686.D
Acq On : 6 Sep 2024 18:26
Operator : MA/JU
Sample : P3857-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-D2-COMP

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-BG083024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG062686.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	289	295	302	rBV	80146	125085	2.79%	0.569%
2	5.492	368	375	383	rBV	1001184	1550454	34.53%	7.050%
3	7.072	636	644	654	rBV	1021304	1715668	38.21%	7.801%
4	7.907	779	786	796	rBV	268249	447878	9.97%	2.037%
5	9.058	973	982	994	rBV	600896	1053189	23.45%	4.789%
6	10.697	1253	1261	1269	rBV	357644	625604	13.93%	2.845%
7	13.153	1671	1679	1690	rBV	1624793	2547079	56.72%	11.582%
8	14.534	1906	1914	1920	rBV	638373	980570	21.84%	4.459%
9	15.891	2138	2145	2152	rBV	164053	239645	5.34%	1.090%
10	16.021	2160	2167	2174	rBV	1666559	2434370	54.21%	11.069%
11	17.278	2374	2381	2386	rBV	899680	1332313	29.67%	6.058%
12	17.395	2397	2401	2408	rVB3	31194	49042	1.09%	0.223%
13	18.171	2526	2533	2542	rBV2	128197	234398	5.22%	1.066%
14	19.328	2724	2730	2739	rBV	63069	99346	2.21%	0.452%
15	19.693	2783	2792	2801	rBV	53731	116969	2.60%	0.532%
16	19.898	2821	2827	2837	rBV	3438088	4490586	100.00%	20.419%
17	21.191	3042	3047	3056	rBV3	102799	189941	4.23%	0.864%
18	21.520	3095	3103	3110	rBV	1007545	1693534	37.71%	7.701%
19	23.618	3454	3460	3468	rBV	43811	117280	2.61%	0.533%
20	24.293	3571	3575	3584	rVB4	31328	82048	1.83%	0.373%
21	24.428	3592	3598	3605	rBV	35871	100380	2.24%	0.456%
22	24.587	3615	3625	3646	rBV	623130	1766555	39.34%	8.033%

Sum of corrected areas: 21991934

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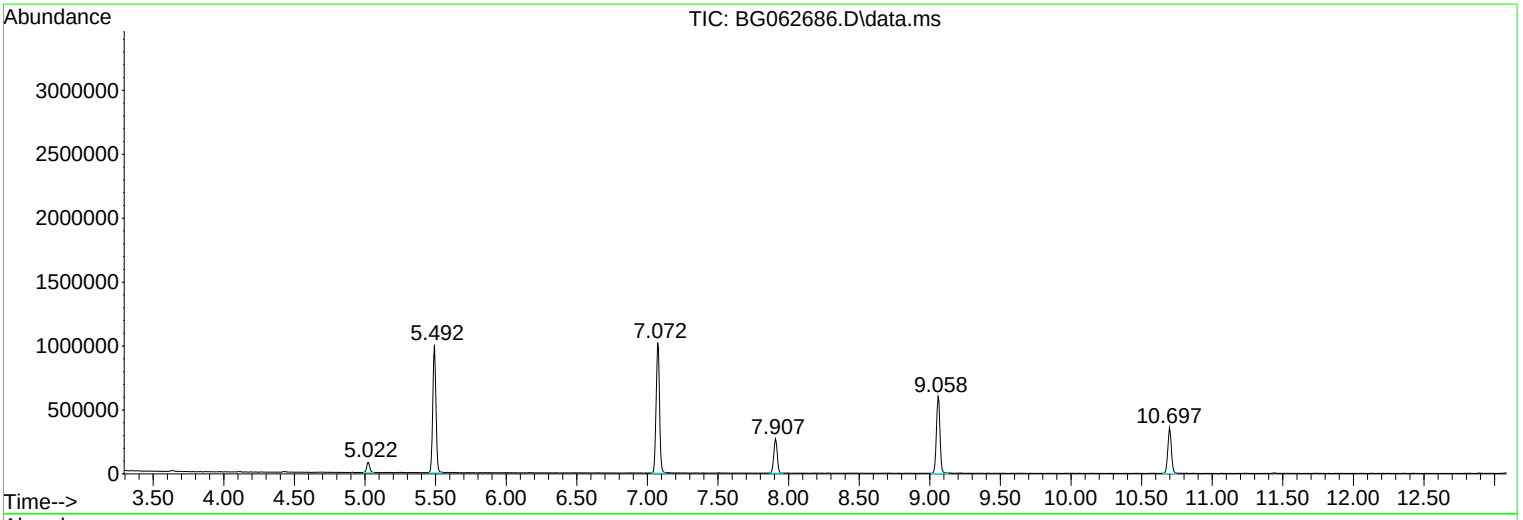
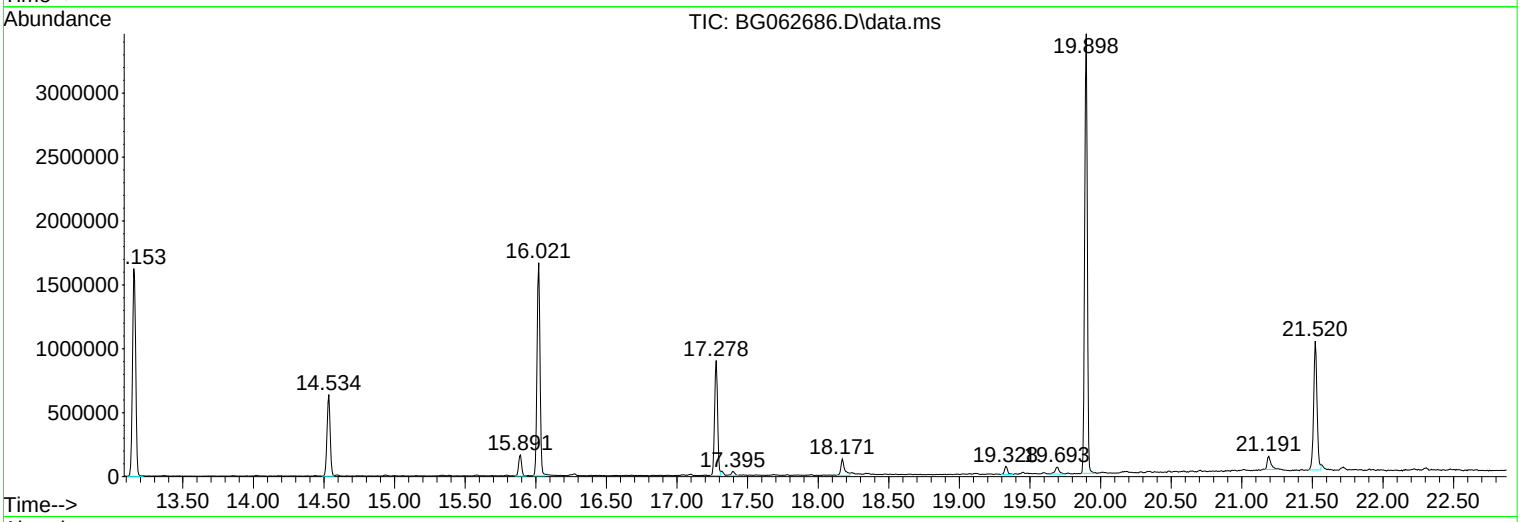
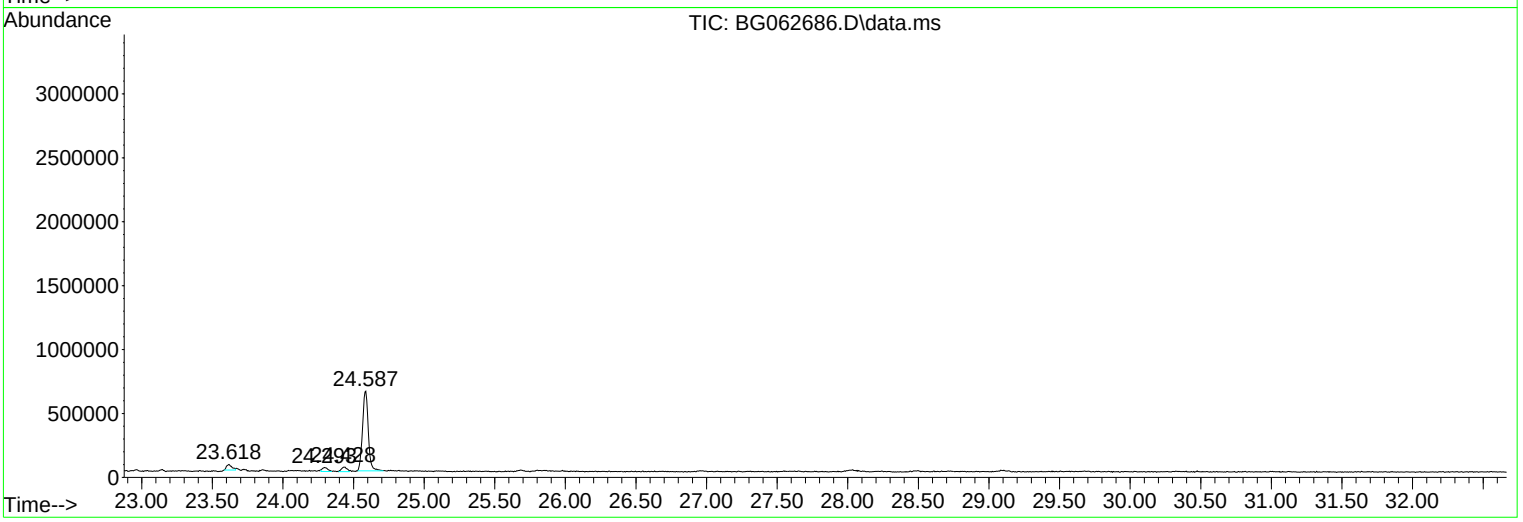
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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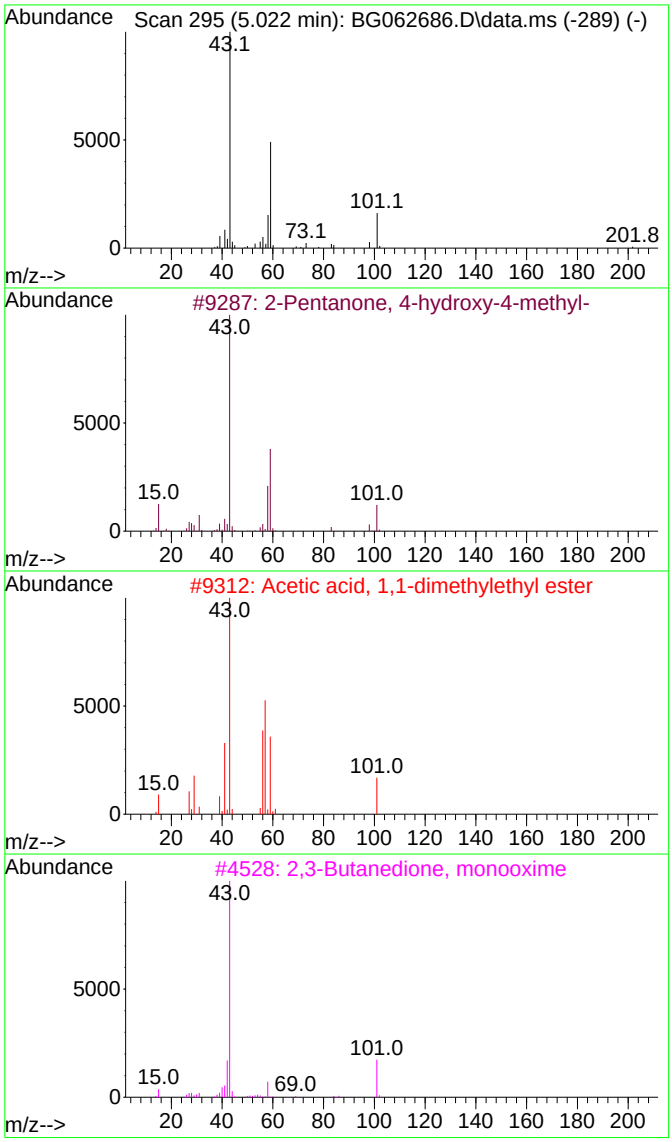
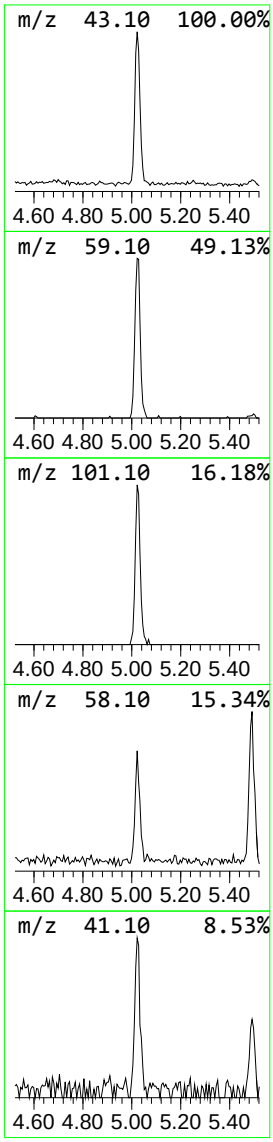
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	5.59 ng	125085	1,4-Dichlorobenzene-d4	7.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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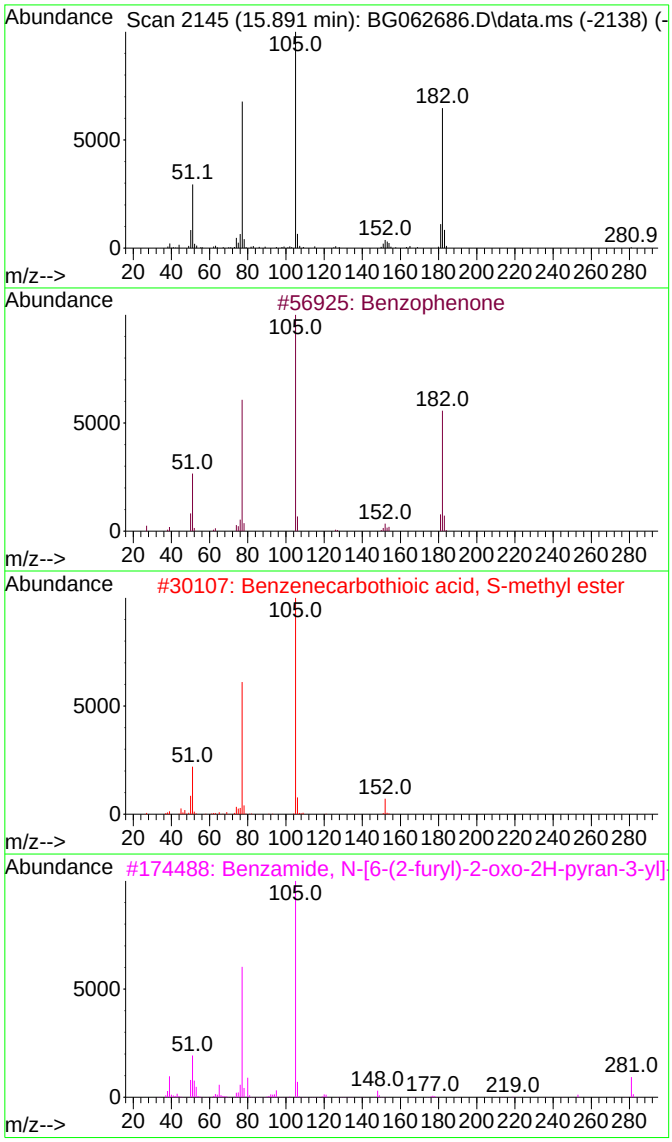
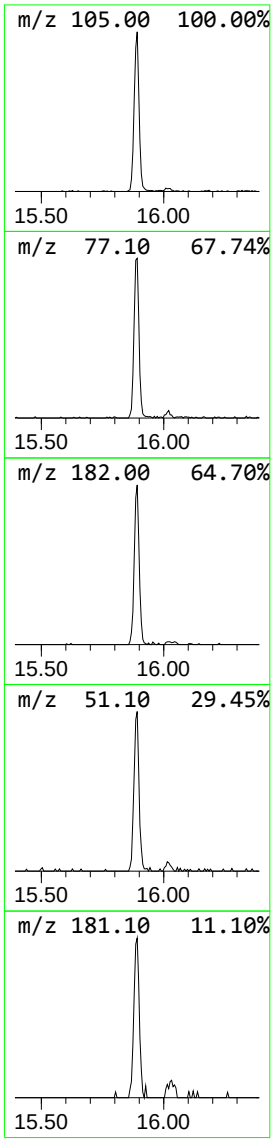
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.891	4.89 ng	239645	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3	Benzamide, N-[6-(2-furyl)-2-oxo-...	281	C16H11NO4	187749-77-5	49
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	.beta.-Benzilmonoxime	225	C14H11NO2	014090-77-8	47





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Instrument :
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ClientSampleId :
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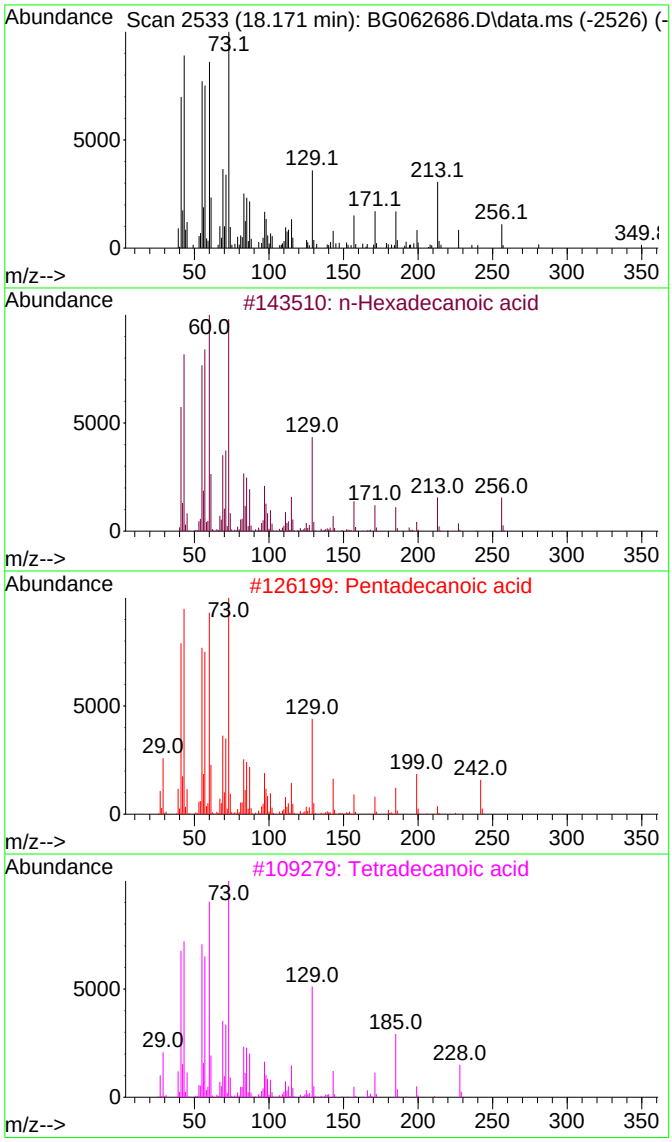
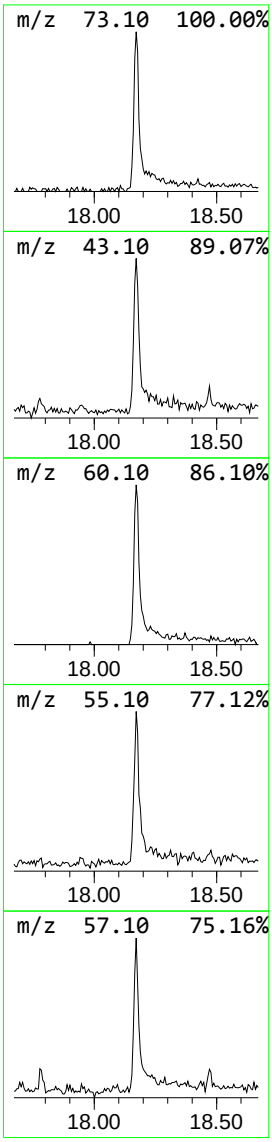
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.171	3.52 ng	234398	Phenanthrene-d10	17.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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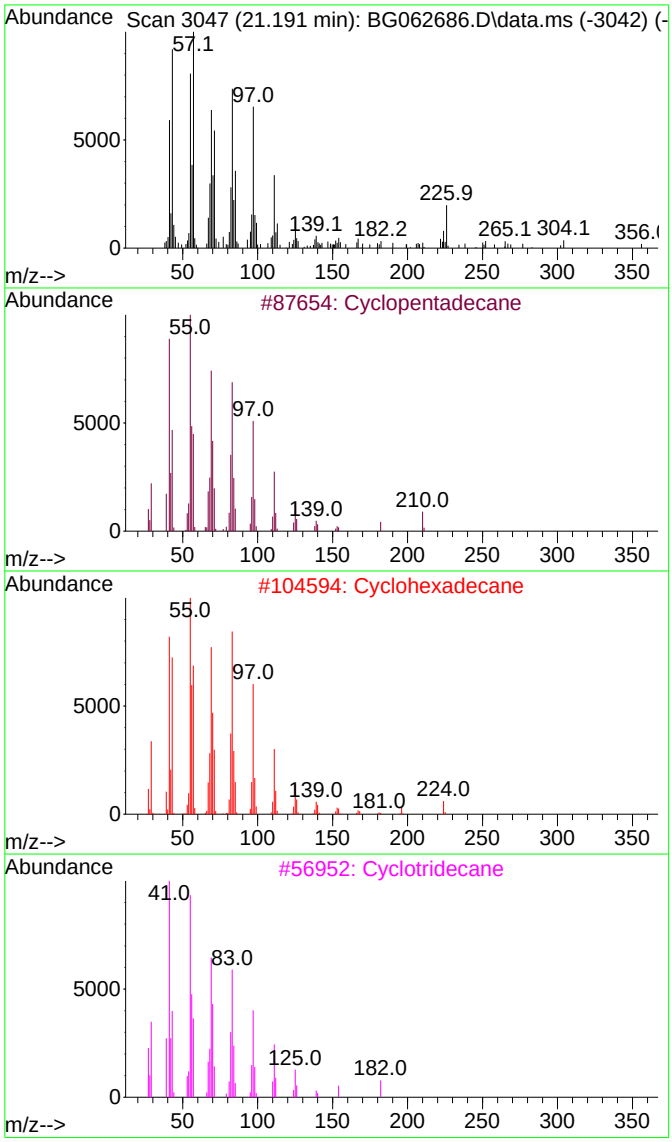
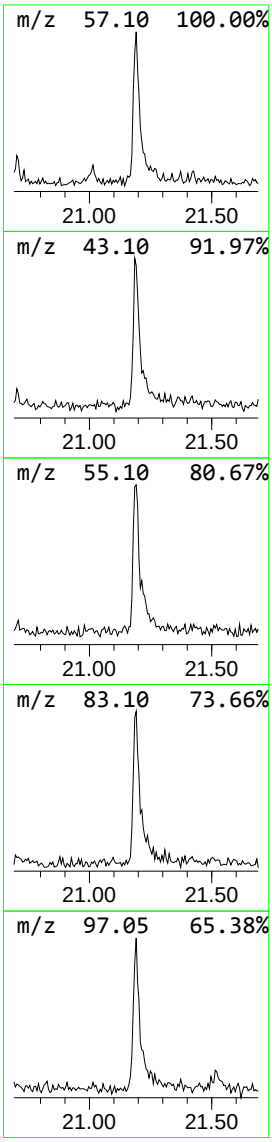
Peak Number 4 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.191	2.24 ng	189941	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Cyclohexadecane	224	C16H32	000295-65-8	96
3	Cyclotridecane	182	C13H26	000295-02-3	95
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
5	1-Docosene	308	C22H44	001599-67-3	90





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.022	5.6	ng	125085	1	7.907	447878	20.0
Benzophenone	15.891	4.9	ng	239645	3	14.534	980570	20.0
n-Hexadecanoic ...	18.171	3.5	ng	234398	4	17.278	1332310	20.0
Cyclopentadecane	21.191	2.2	ng	189941	5	21.520	1693530	20.0