LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
Data File : BG062685.D
Acq On : 6 Sep 2024 17:45
Operator : MA/JU
Sample : P3857-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-D1-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: BG062685.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.023	290	295	301	rVB	75974	107930	2.30%	0.481%
2	5.493	368	375	383	rBV	931220	1477451	31.44%	6.587%
3	7.073	635	644	654	rBV	1015593	1667455	35.49%	7.435%
4	7.908	779	786	795	rBV	286391	472370	10.05%	2.106%
5	9.059	974	982	993	rBV	579350	1022339	21.76%	4.558%
6	10.699	1254	1261	1268	rBV	387744	656324	13.97%	2.926%
7	13.155	1671	1679	1693	rBV	1663342	2521838	53.67%	11.244%
8	14.529	1906	1913	1922	rBV	635542	1017434	21.65%	4.536%
9	15.887	2135	2144	2151	rBV	166142	243965	5.19%	1.088%
10	16.022	2160	2167	2182	rBV	1537915	2377115	50.59%	10.599%
11	17.279	2374	2381	2386	rBV	894126	1391854	29.62%	6.206%
12	18.172	2526	2533	2543	rBV	167737	288233	6.13%	1.285%
13	19.330	2724	2730	2734	rBV2	46097	69478	1.48%	0.310%
14	19.694	2785	2792	2801	rBV	34249	60763	1.29%	0.271%
15	19.900	2820	2827	2838	rBV	3363765	4698627	100.00%	20.950%
16	21.192	3042	3047	3055	rBV2	129657	254145	5.41%	1.133%
17	21.521	3095	3103	3109	rBV	1068001	1779731	37.88%	7.935%
18	23.613	3453	3459	3467	rBV	70051	196512	4.18%	0.876%
19	24.300	3569	3576	3586	rVB	53766	149180	3.17%	0.665%
20	24.435	3593	3599	3608	rVB2	46317	115713	2.46%	0.516%
21	24.582	3614	3624	3640	rBV	667869	1859647	39.58%	8.292%

Sum of corrected areas: 22428104

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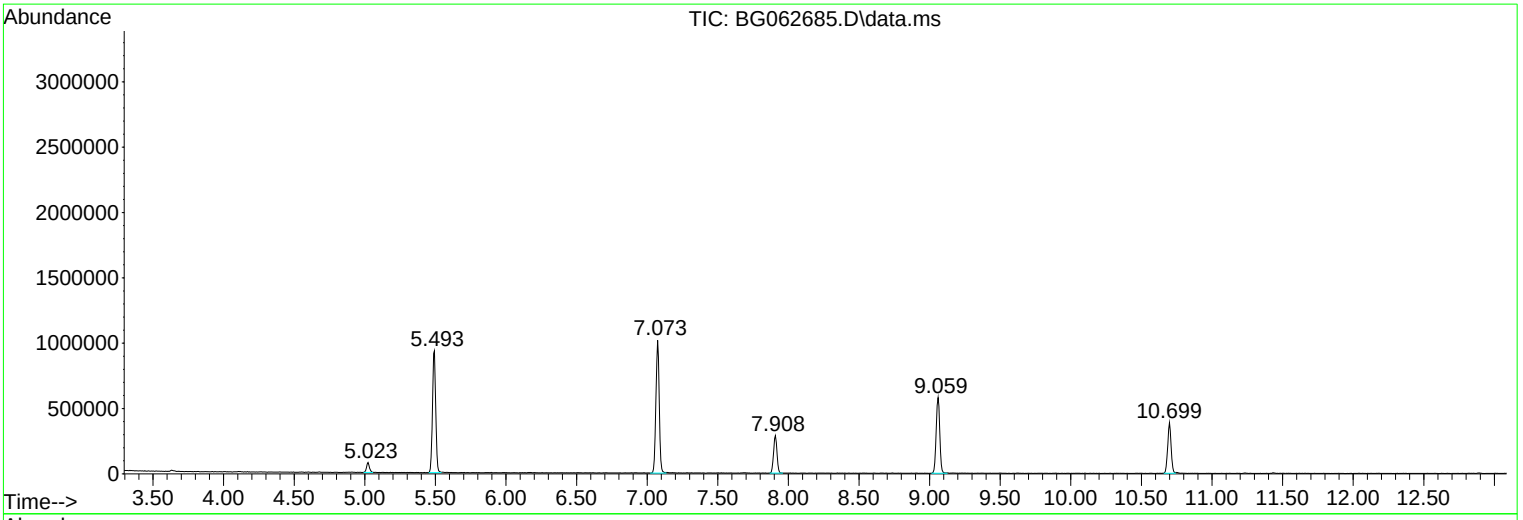
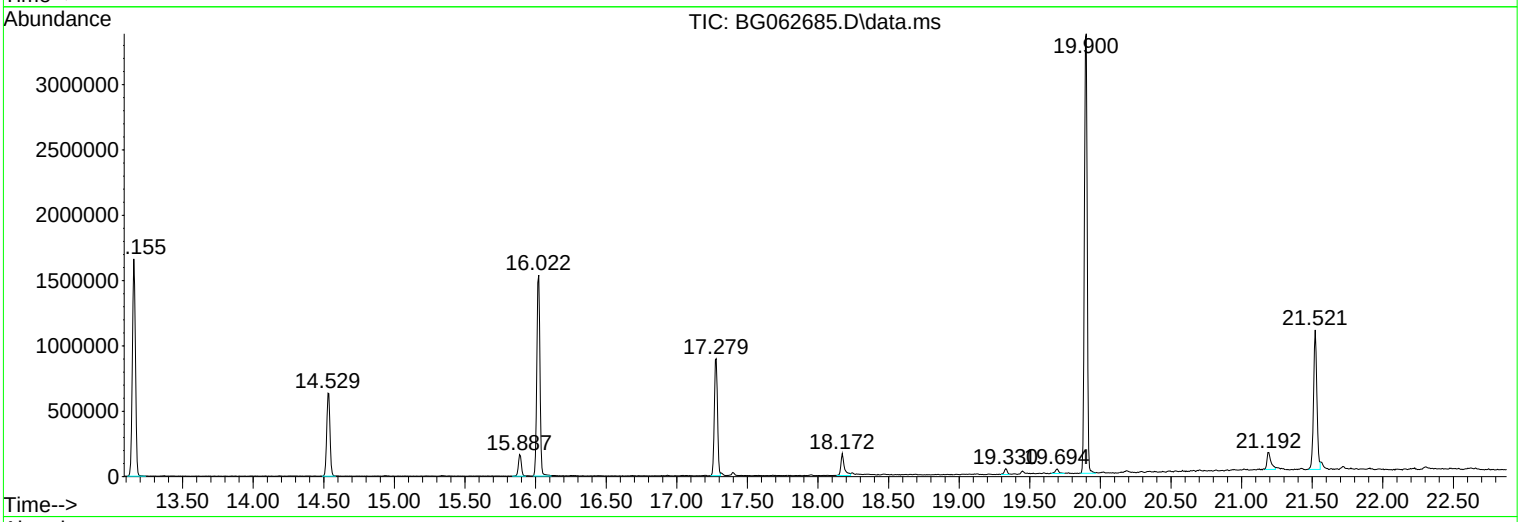
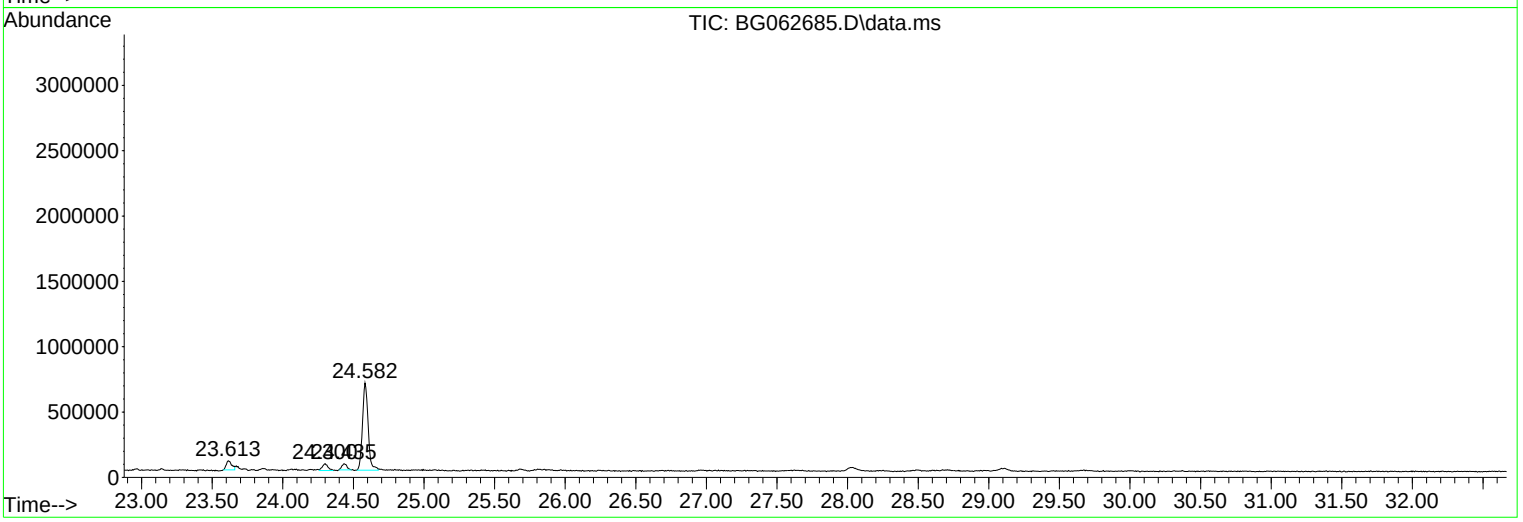
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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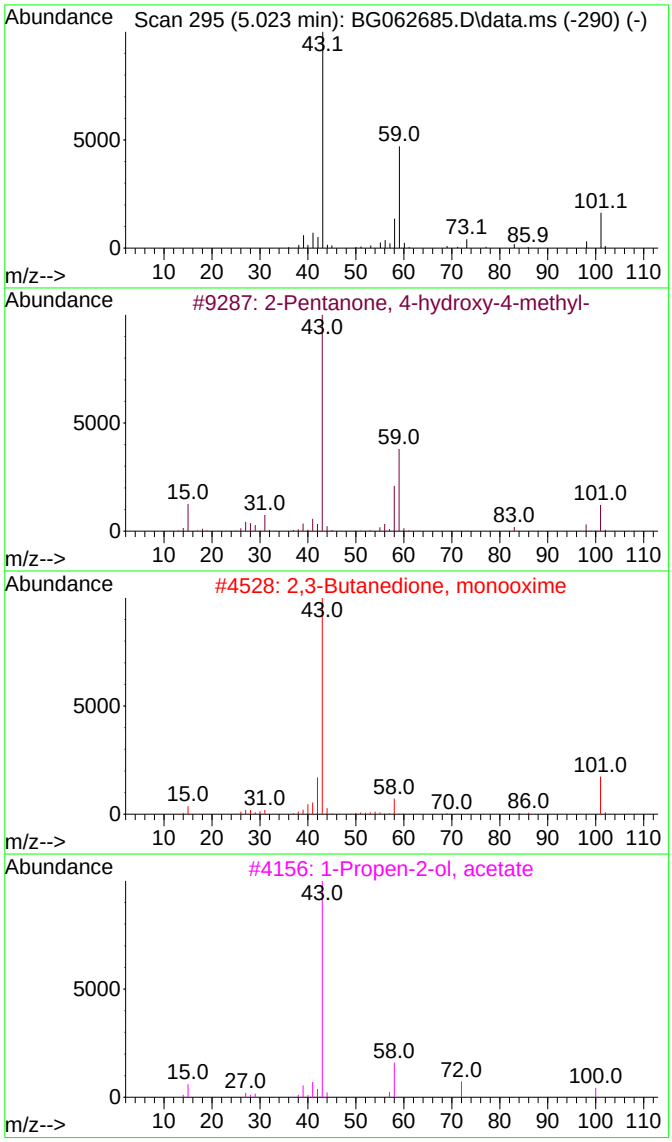
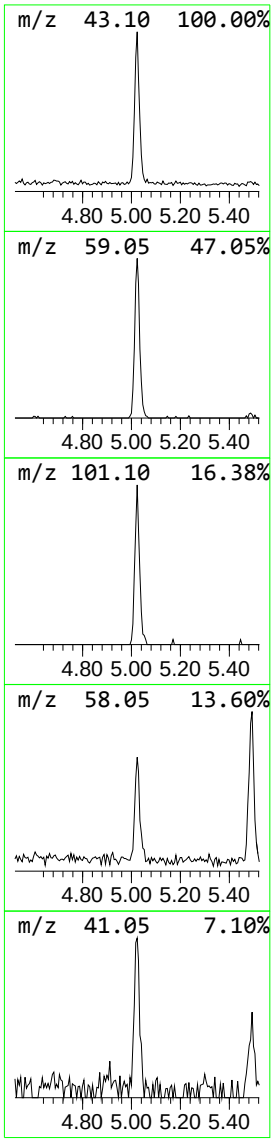
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.023	4.57 ng	107930	1,4-Dichlorobenzene-d4	7.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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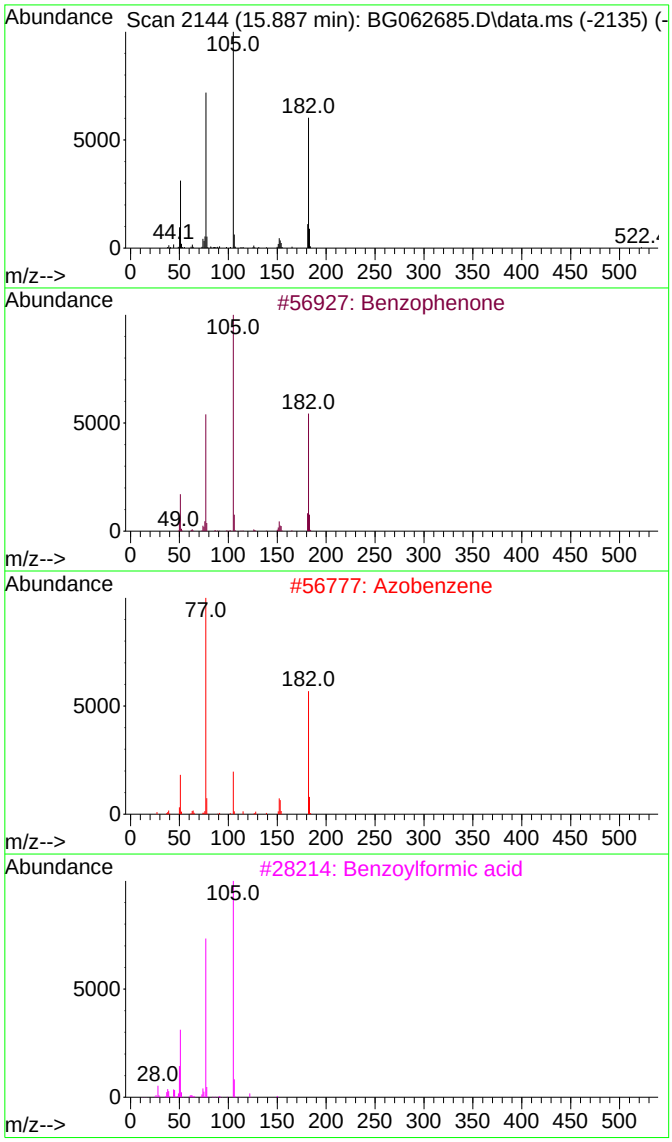
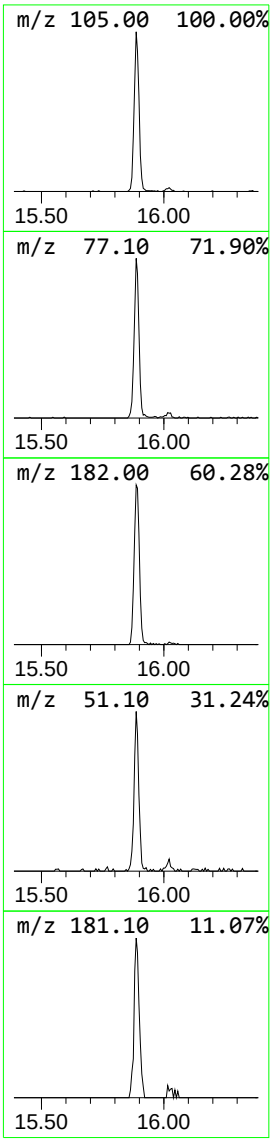
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.887	4.80 ng	243965	Acenaphthene-d10	14.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Benzoylformic acid	150	C8H6O3	000611-73-4	46
4	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	43
5	Ethanone, 2-bromo-1,2-diphenyl-	274	C14H11BrO	001484-50-0	43





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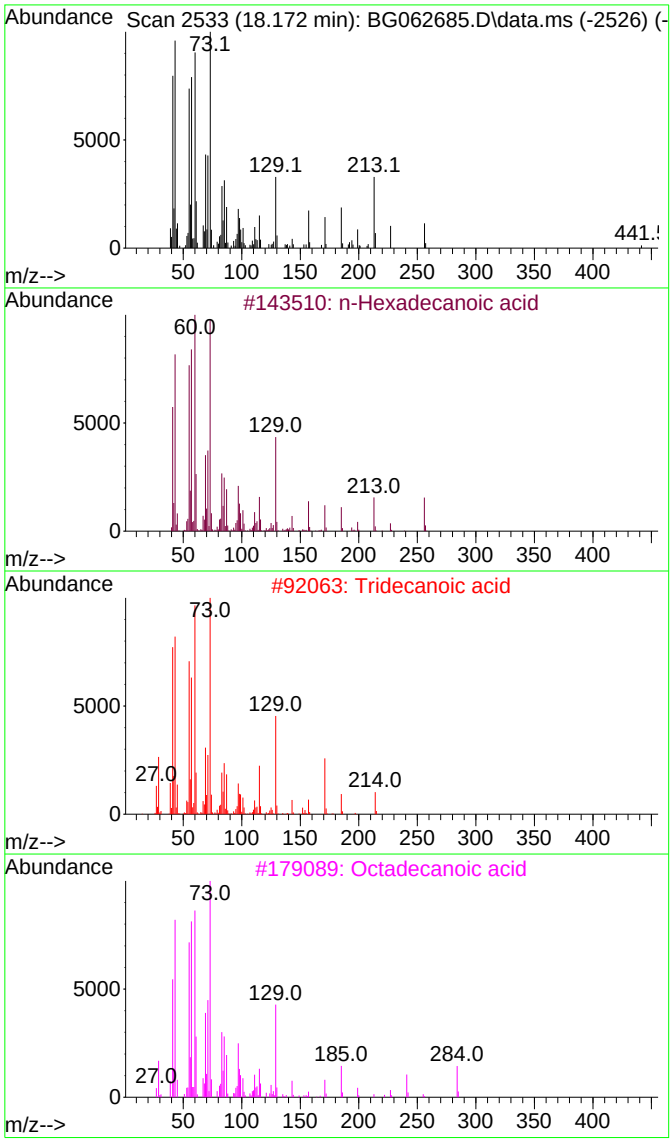
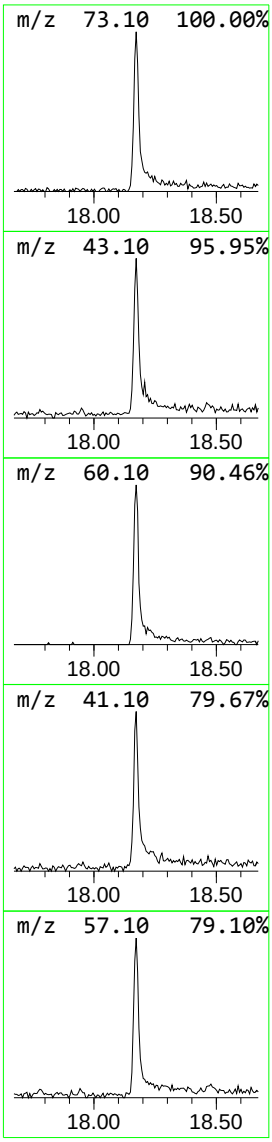
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.172	4.14 ng	288233	Phenanthrene-d10	17.279

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	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70





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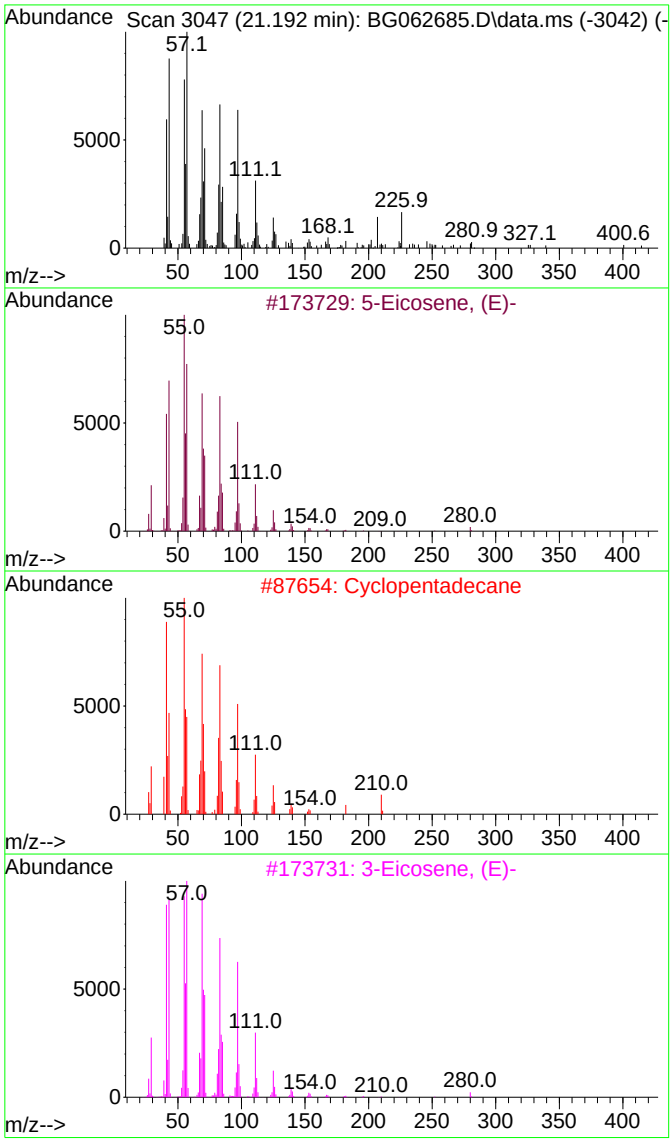
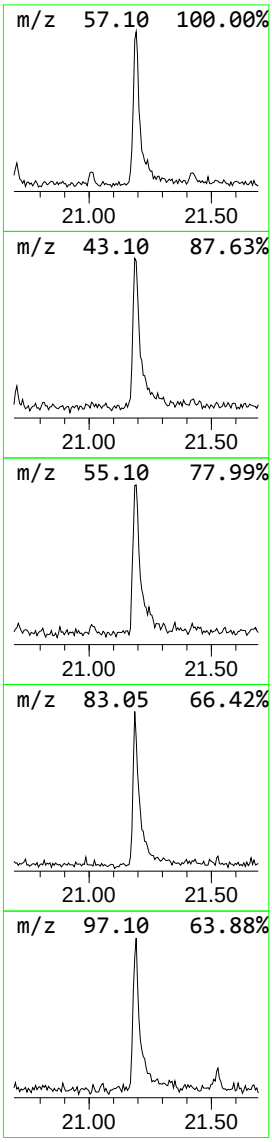
Peak Number 4 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.86 ng	254145	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cyclopentadecane	210	C15H30	000295-48-7	97
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
4	Nonacos-1-ene	406	C29H58	018835-35-3	93
5	Cycloeicosane	280	C20H40	000296-56-0	93





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-...	5.023	4.6	ng	107930	1	7.908	472370	20.0
Benzophenone	15.887	4.8	ng	243965	3	14.529	1017430	20.0
n-Hexadecanoic ...	18.172	4.1	ng	288233	4	17.279	1391850	20.0
5-Eicosene, (E)-	21.192	2.9	ng	254145	5	21.521	1779730	20.0