LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
Data File : BG055188.D
Acq On : 14 Oct 2022 21:51
Operator : CG/JU
Sample : N5142-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-8

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-BG101322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055188.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.325	3	6	22	rVB	97576	168581	8.71%	1.561%
2	5.346	343	350	359	rBV	111194	179593	9.28%	1.663%
3	5.828	424	432	446	rBV	644930	1049364	54.22%	9.718%
4	7.444	699	707	718	rBV	645520	1138371	58.82%	10.542%
5	8.308	847	854	865	rVB	138122	235035	12.14%	2.177%
6	9.477	1045	1053	1061	rBV	386087	708720	36.62%	6.563%
7	10.875	1286	1291	1304	rVB2	19396	34795	1.80%	0.322%
8	11.140	1328	1336	1342	rBV	191579	345938	17.87%	3.204%
9	13.543	1737	1745	1753	rBV	1068577	1649613	85.24%	15.276%
10	14.918	1967	1979	1985	rBV	283717	463321	23.94%	4.291%
11	15.952	2148	2155	2160	rBV	13638	22738	1.17%	0.211%
12	16.392	2224	2230	2238	rBV	856768	1300439	67.19%	12.043%
13	17.650	2437	2444	2448	rBV	324188	503526	26.02%	4.663%
14	17.691	2448	2451	2457	rVB	86077	124196	6.42%	1.150%
15	17.785	2459	2467	2471	rBV	26790	48983	2.53%	0.454%
16	18.507	2585	2590	2595	rBV4	32332	67887	3.51%	0.629%
17	19.683	2785	2790	2794	rBV	162021	231582	11.97%	2.145%
18	20.041	2847	2851	2856	rVB	126902	172748	8.93%	1.600%
19	20.223	2877	2882	2887	rVB	1495273	1935330	100.00%	17.922%
20	21.933	3169	3173	3179	rVB2	250381	417818	21.59%	3.869%

Sum of corrected areas: 10798578

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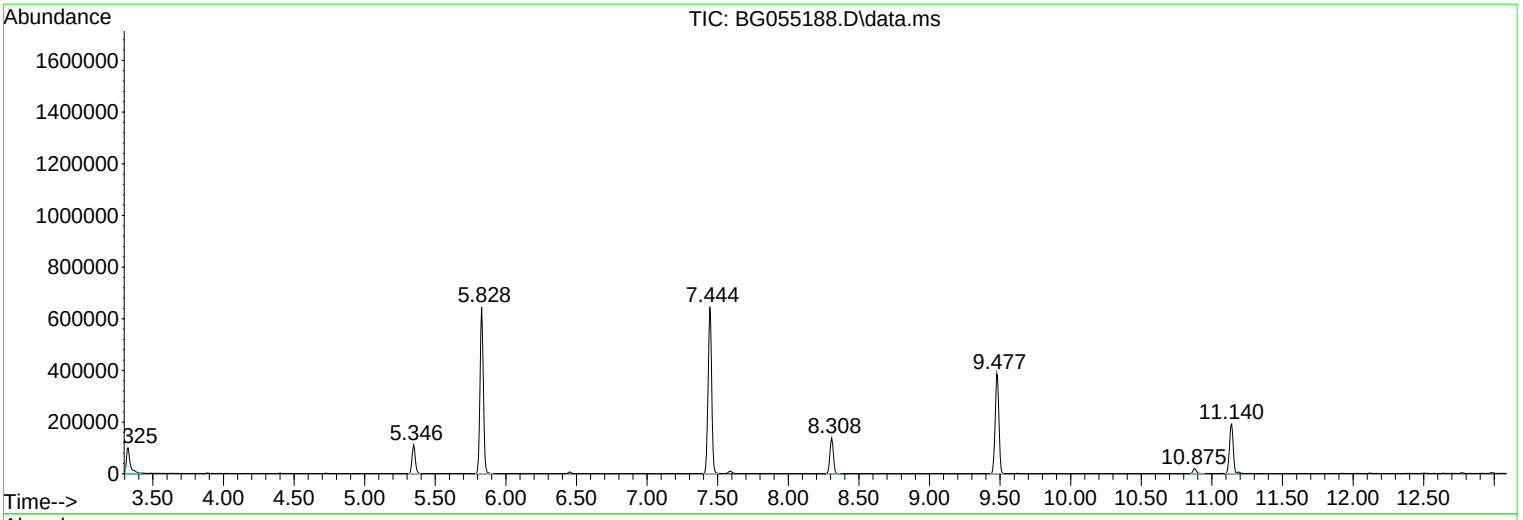
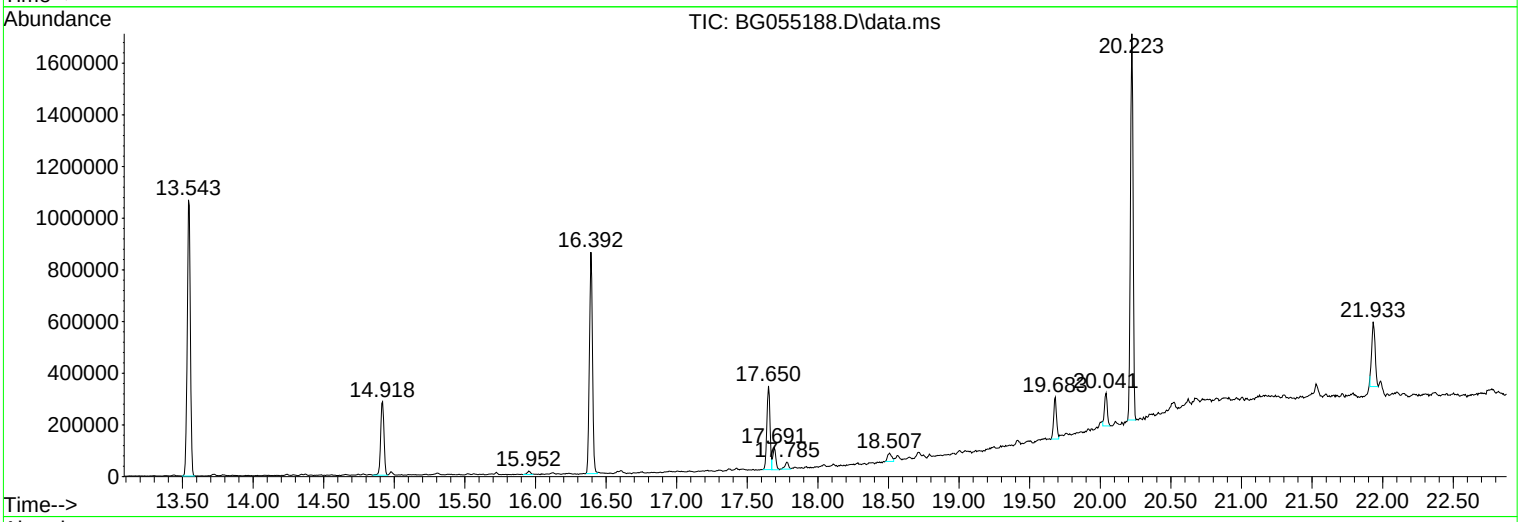
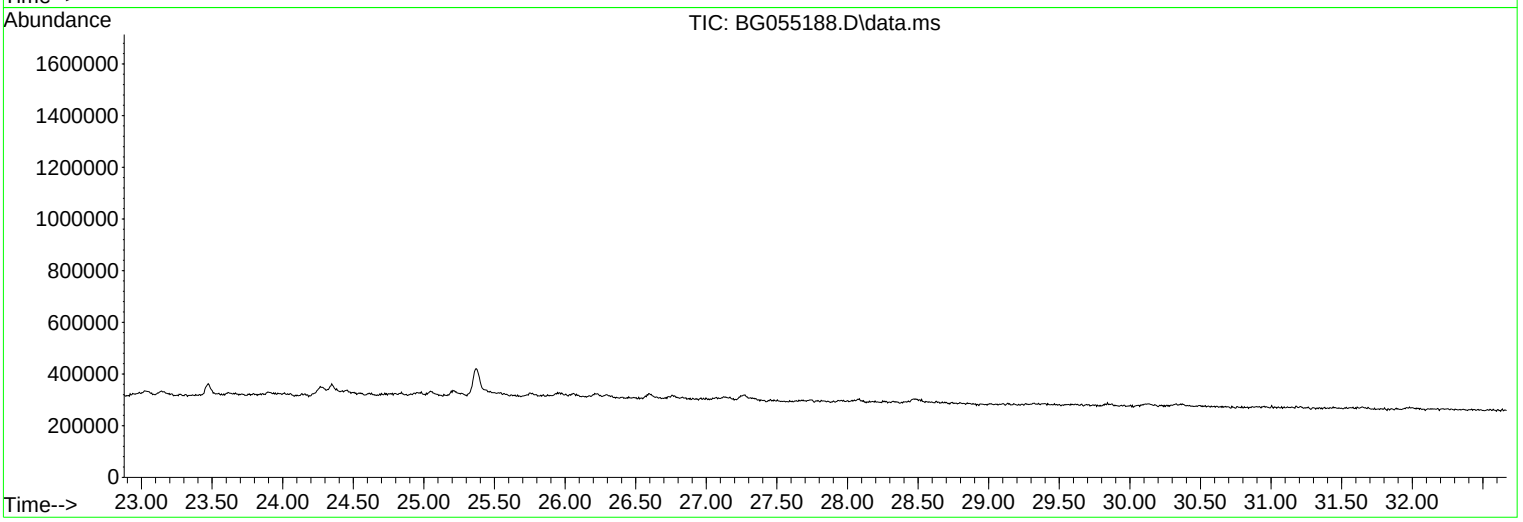
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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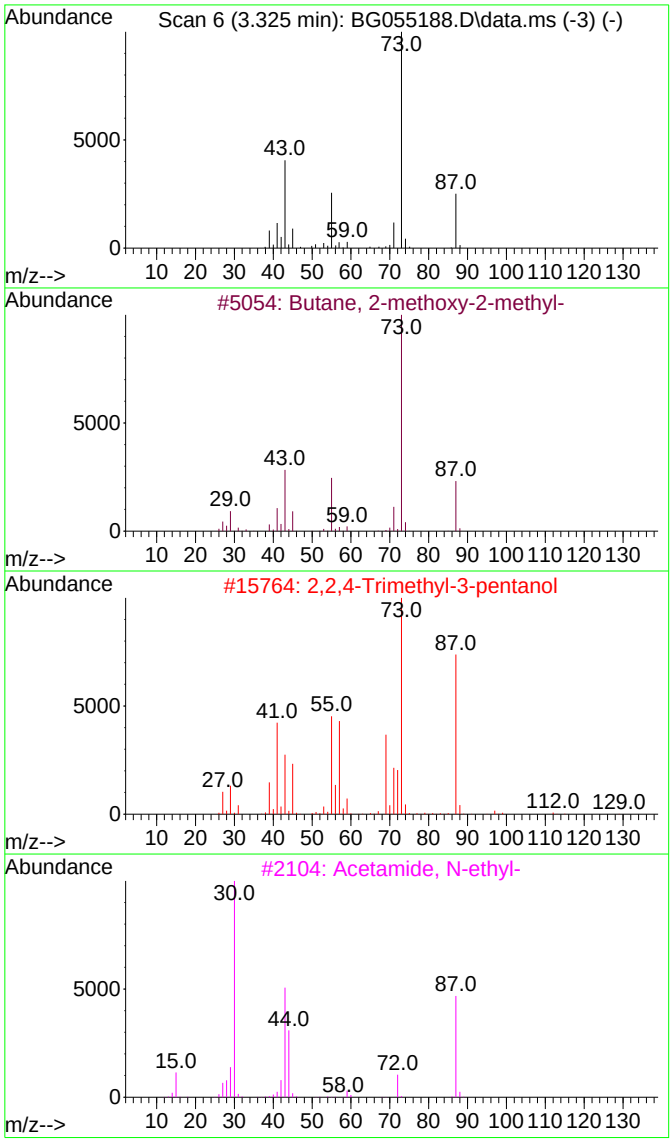
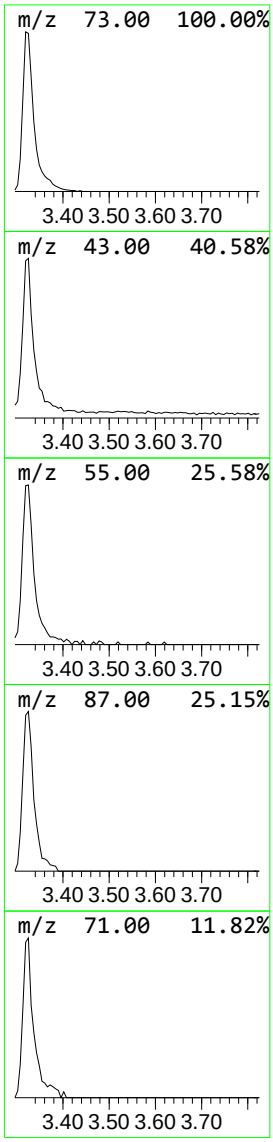
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.325	14.35 ng	168581	1,4-Dichlorobenzene-d4	8.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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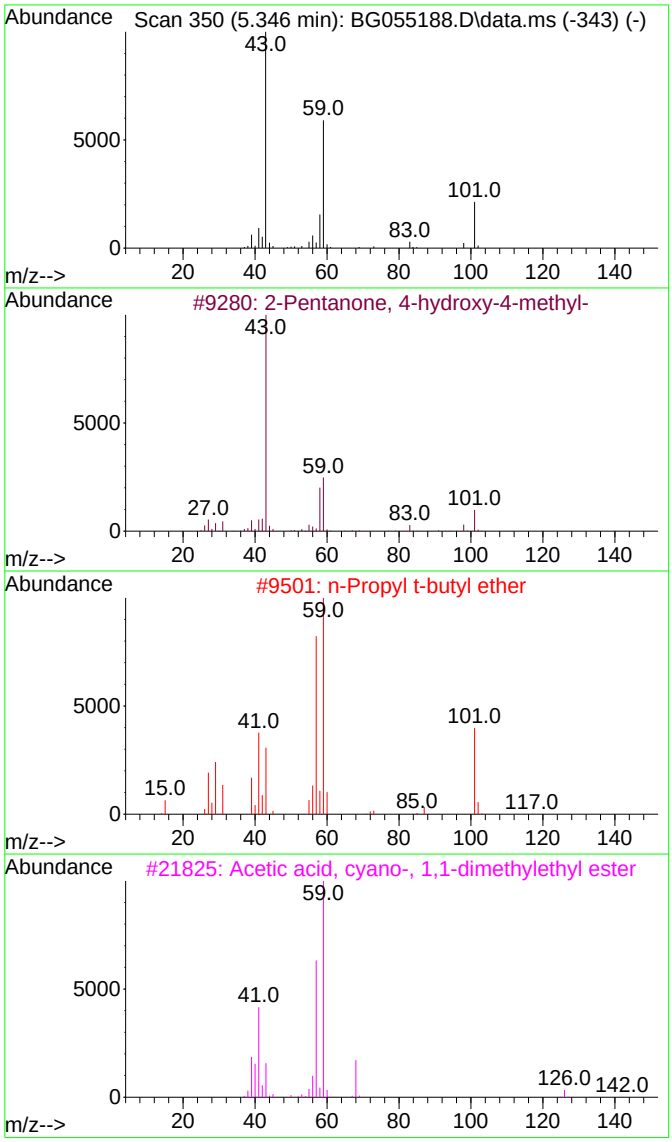
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

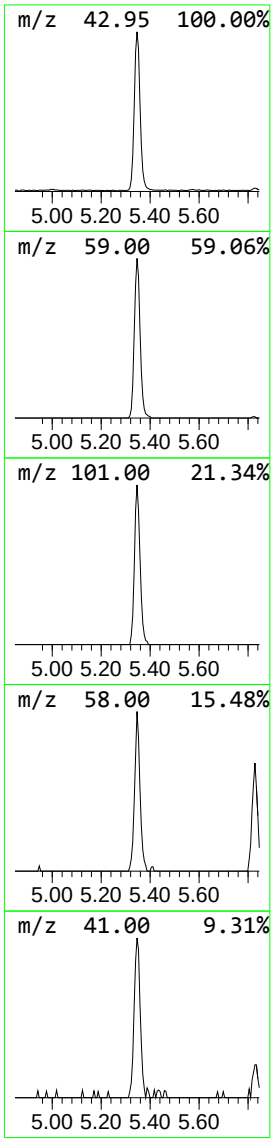
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.346	15.28 ng	179593	1,4-Dichlorobenzene-d4	8.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
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TIC Library : C:\Database\NIST20.L
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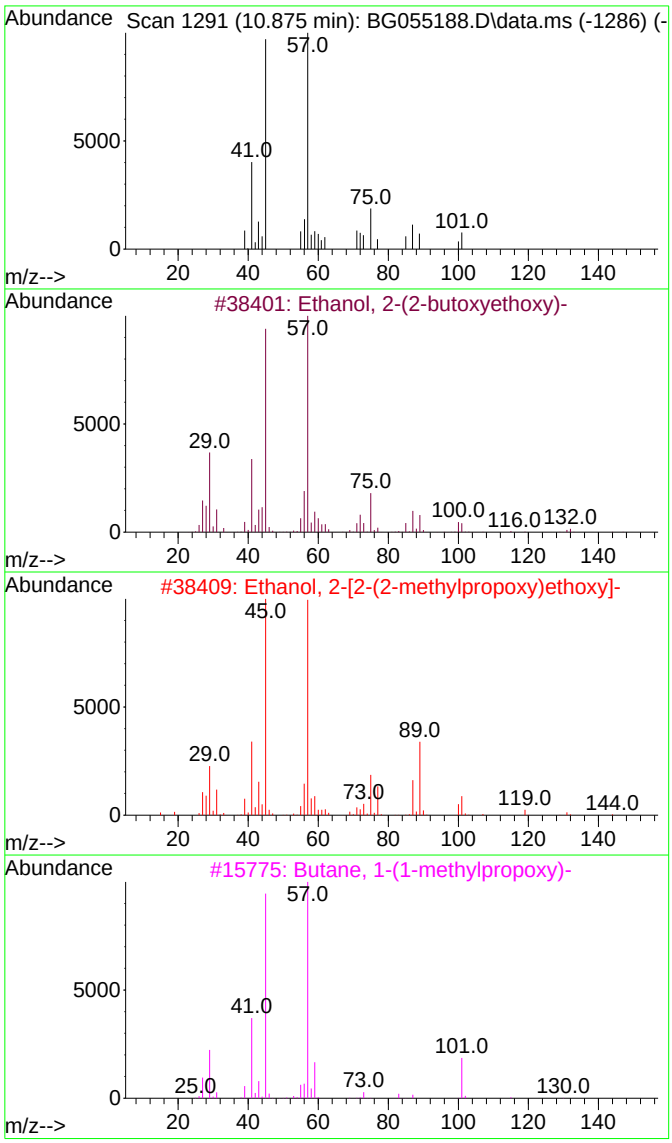
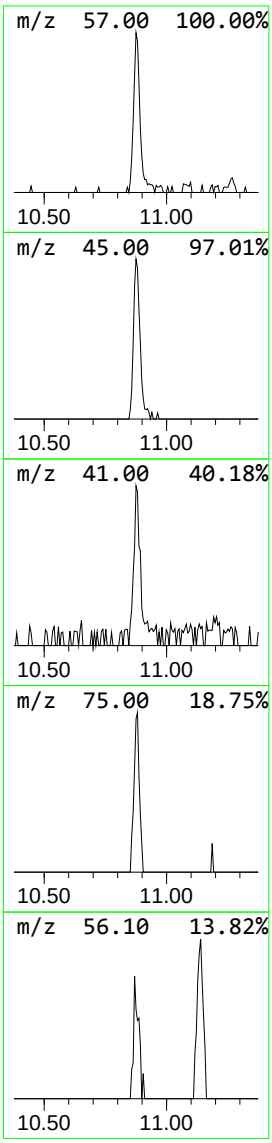
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.875	2.01 ng	34795	Naphthalene-d8	11.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
5	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	47





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TIC Library : C:\Database\NIST20.L
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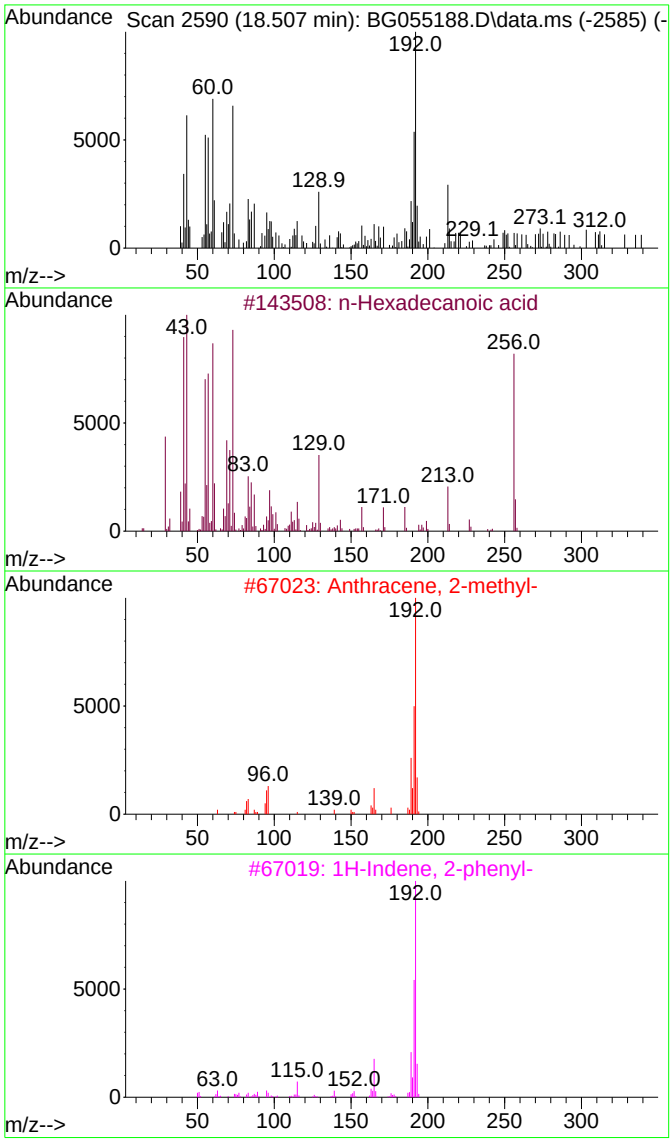
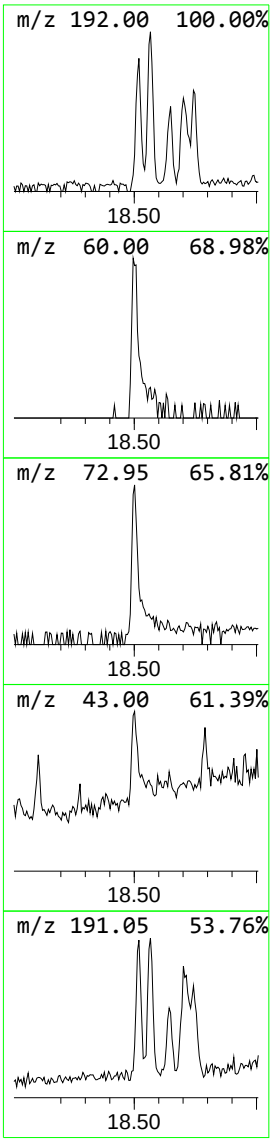
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.507	2.70 ng	67887	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.325	14.4	ng	168581	1	8.308	235035	20.0
2-Pentanone, 4-...	5.346	15.3	ng	179593	1	8.308	235035	20.0
Ethanol, 2-(2-b...	10.875	2.0	ng	34795	2	11.140	345938	20.0
n-Hexadecanoic ...	18.507	2.7	ng	67887	4	17.650	503526	20.0