LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052822\
Data File : BM035307.D
Acq On : 28 May 2022 13:34
Operator : CG/JU
Sample : N2932-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P016-SS005-0006-02

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_M\Methods\8270-BM052722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035307.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	319	324	336	rVB2	32009	51417	1.39%	0.225%
2	5.452	396	402	420	rBV	1116875	1719871	46.34%	7.535%
3	7.046	666	673	694	rBV	1051541	1720087	46.34%	7.536%
4	7.875	805	814	822	rBV	338285	546329	14.72%	2.393%
5	9.034	1003	1011	1025	rBV	626130	1095317	29.51%	4.799%
6	10.675	1283	1290	1301	rBV	387778	679717	18.31%	2.978%
7	13.133	1701	1708	1721	rBV	1726253	2536198	68.33%	11.111%
8	14.510	1934	1942	1951	rBV	575115	837659	22.57%	3.670%
9	15.998	2189	2195	2205	rBV	1212367	1710124	46.07%	7.492%
10	17.257	2400	2409	2415	rBV	647464	952118	25.65%	4.171%
11	18.157	2557	2562	2571	rBV	344331	501740	13.52%	2.198%
12	19.286	2751	2754	2756	rBV2	35091	41451	1.12%	0.182%
13	19.315	2756	2759	2761	rVV2	54788	75108	2.02%	0.329%
14	19.339	2761	2763	2770	rVB	58367	74118	2.00%	0.325%
15	19.433	2775	2779	2791	rBV	261073	383804	10.34%	1.681%
16	19.880	2849	2855	2862	rBV	3088608	3711768	100.00%	16.261%
17	21.156	3067	3072	3080	rVB2	234393	355388	9.57%	1.557%
18	21.356	3102	3106	3110	rBV	269007	295311	7.96%	1.294%
19	21.433	3115	3119	3129	rVV	1033920	1382032	37.23%	6.055%
20	22.021	3212	3219	3246	rVB7	588523	2526980	68.08%	11.071%
21	23.803	3515	3522	3534	rVB2	795361	1629262	43.89%	7.138%

Sum of corrected areas: 22825799

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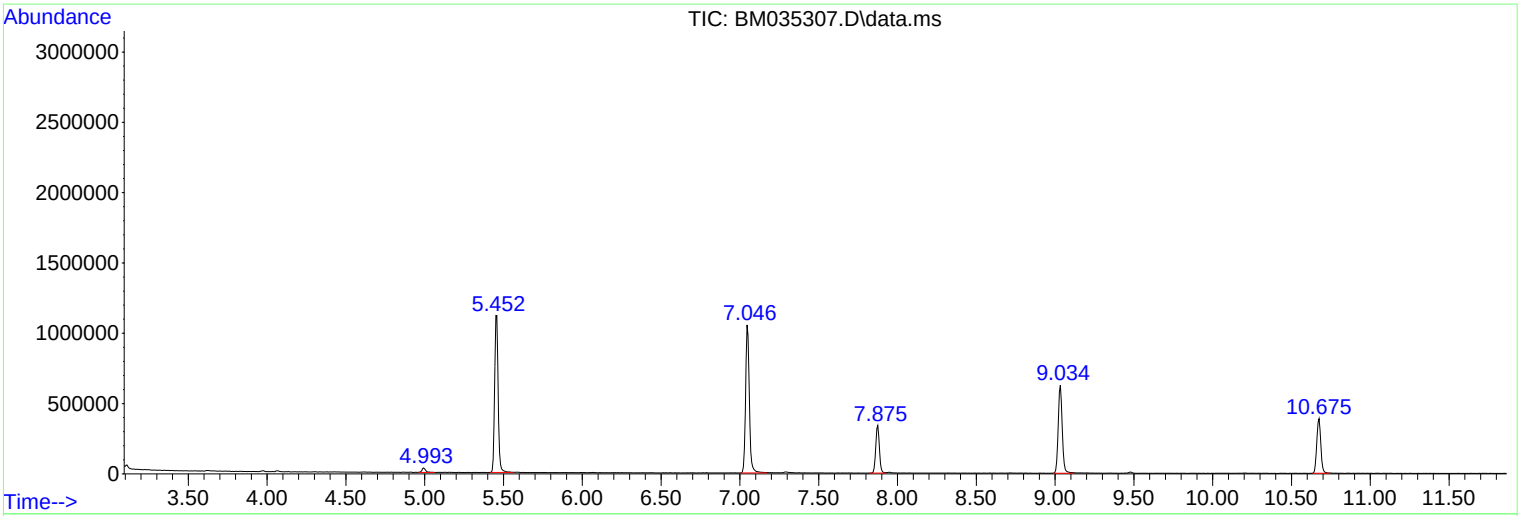
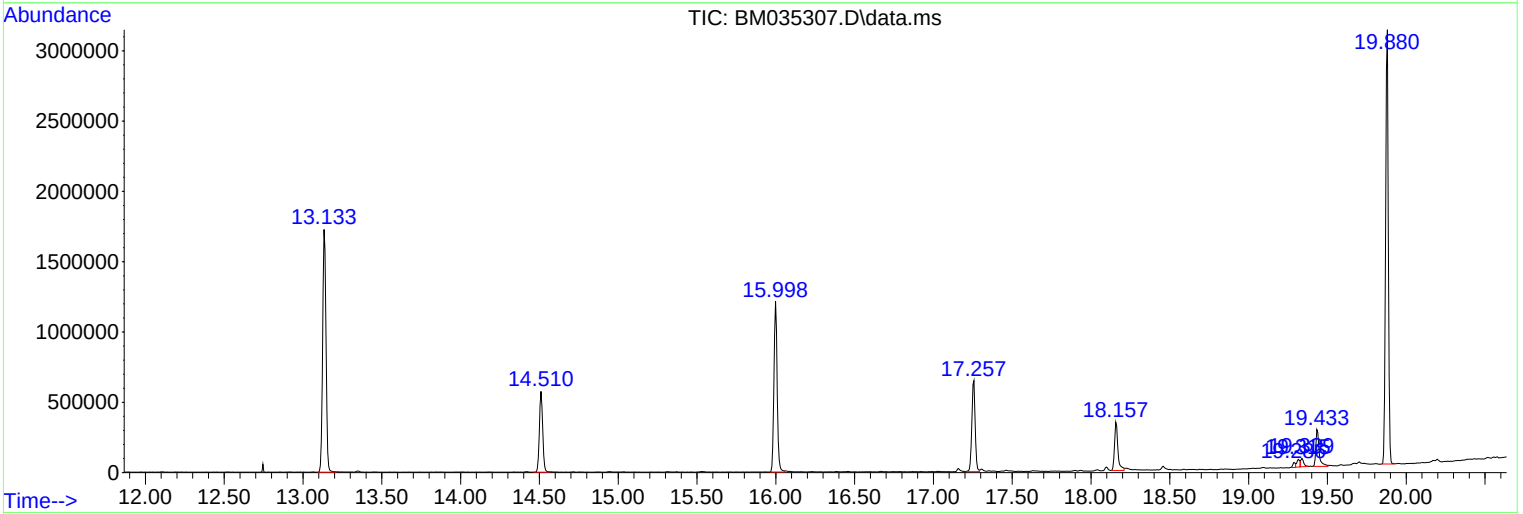
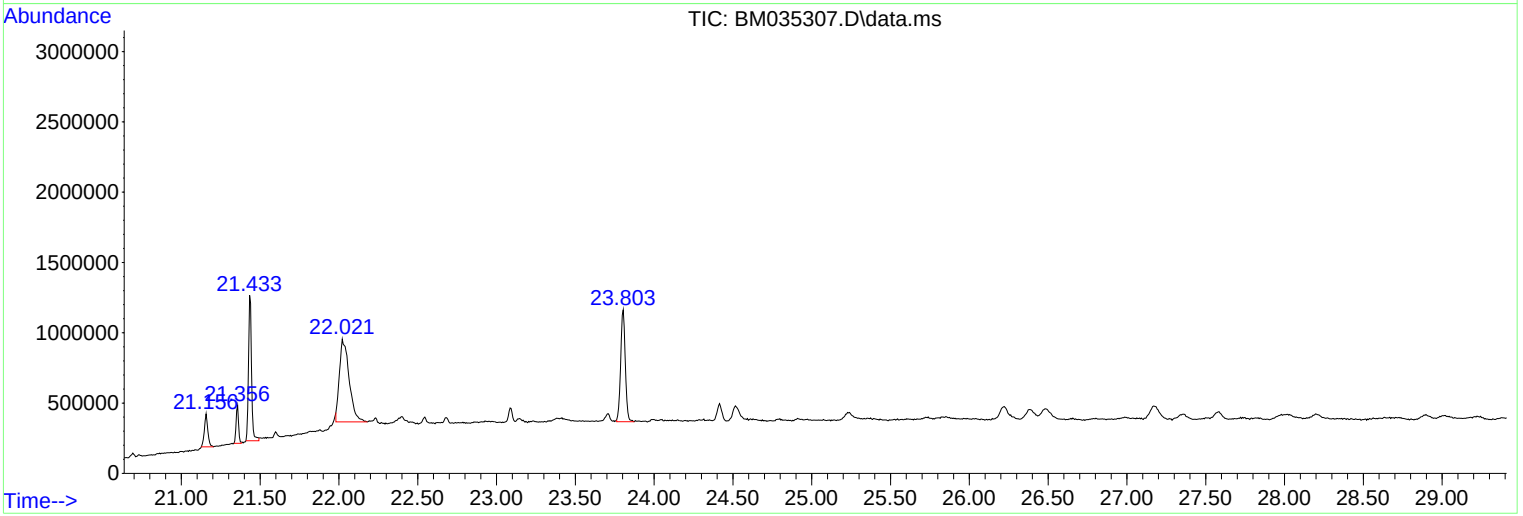
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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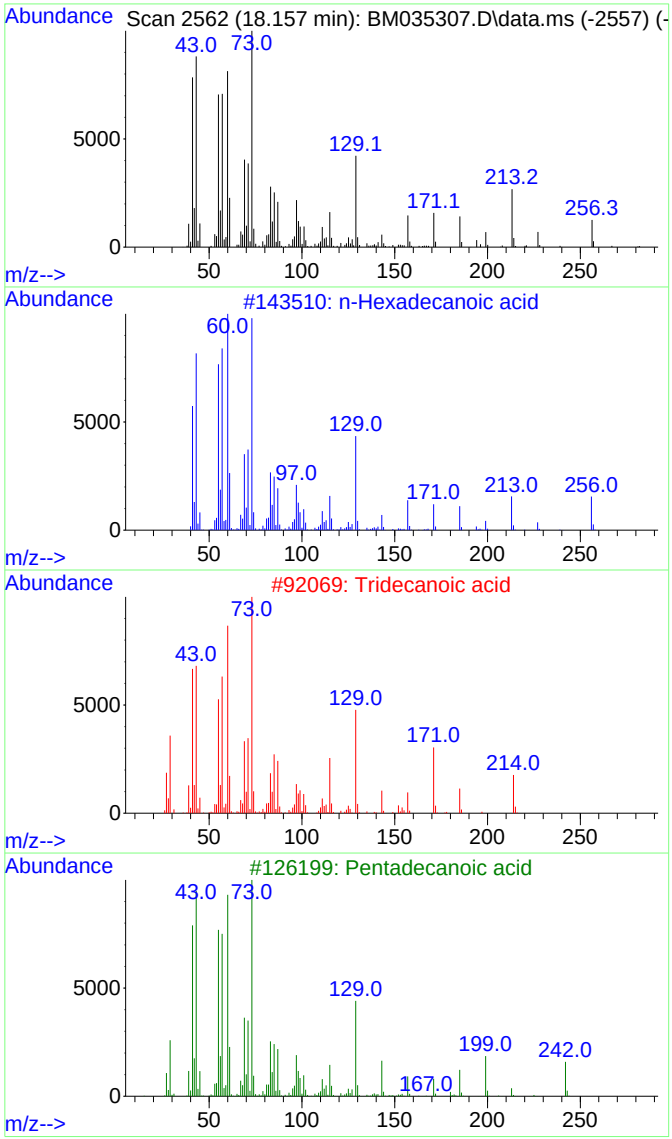
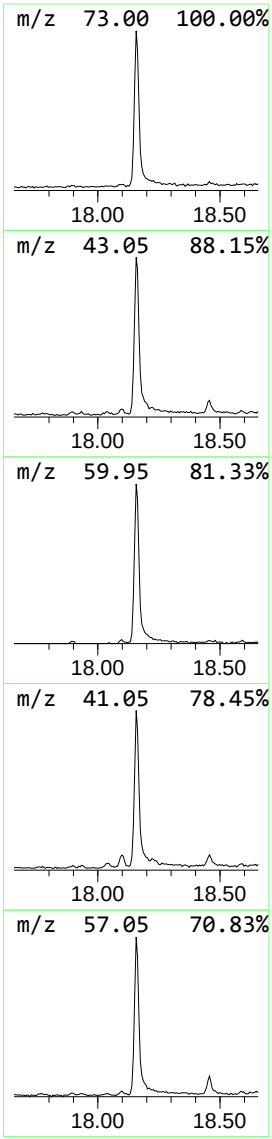
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	10.54 ng	501740	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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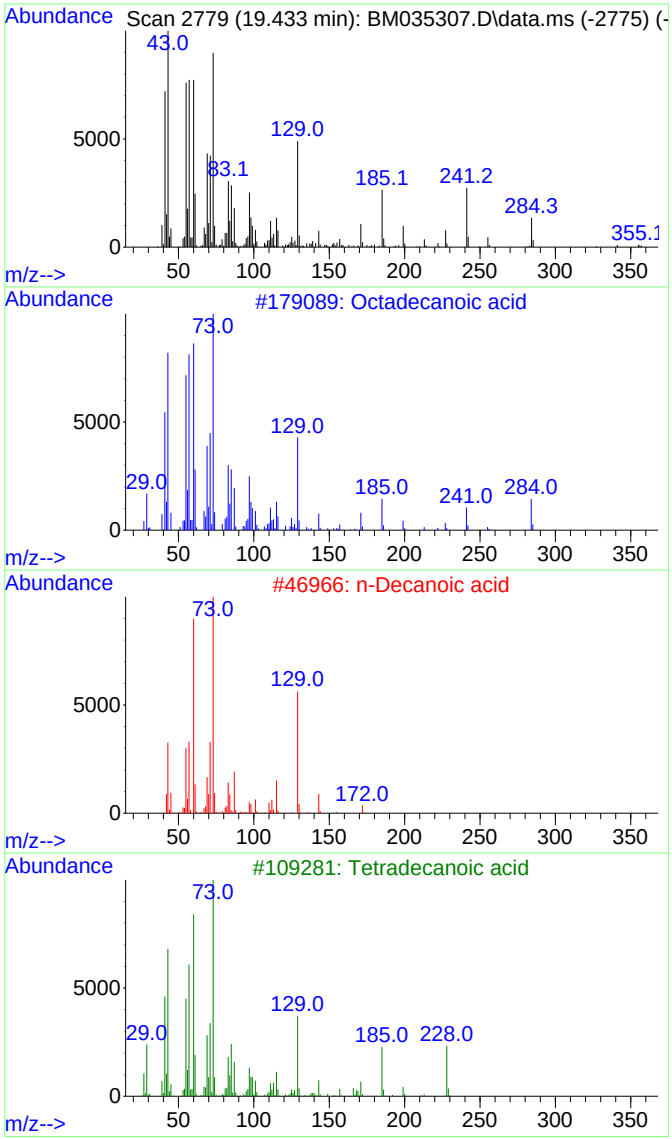
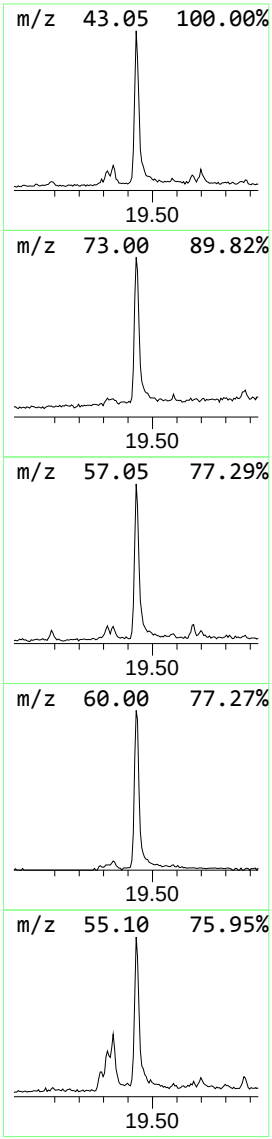
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	5.55 ng	383804	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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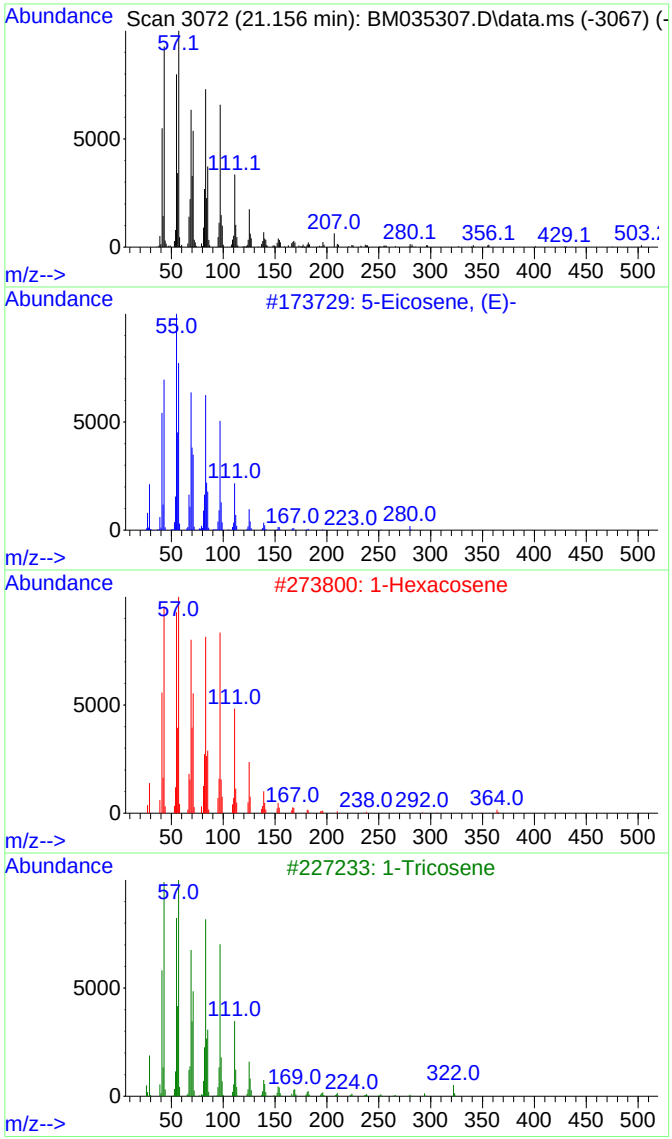
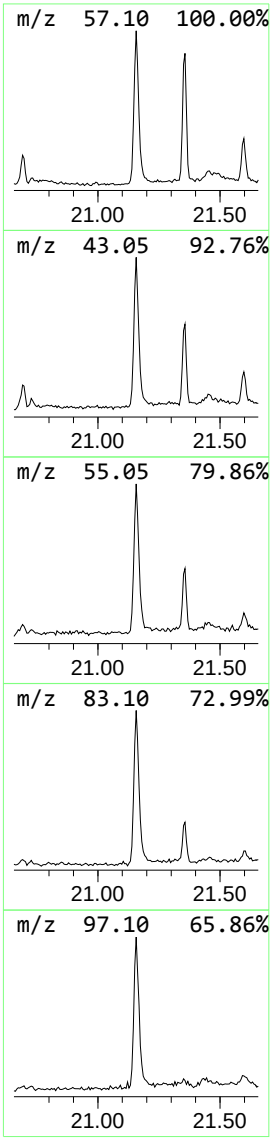
Peak Number 3 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	5.14 ng	355388	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Tricosene	322	C23H46	018835-32-0	95
4	1-Nonadecene	266	C19H38	018435-45-5	94
5	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94





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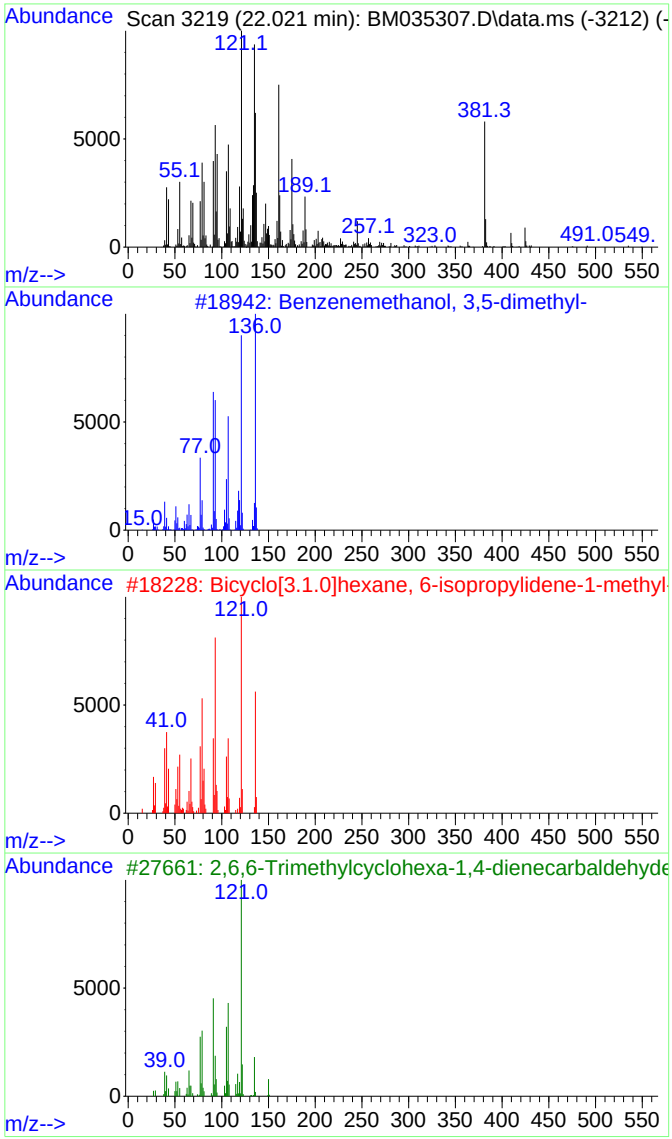
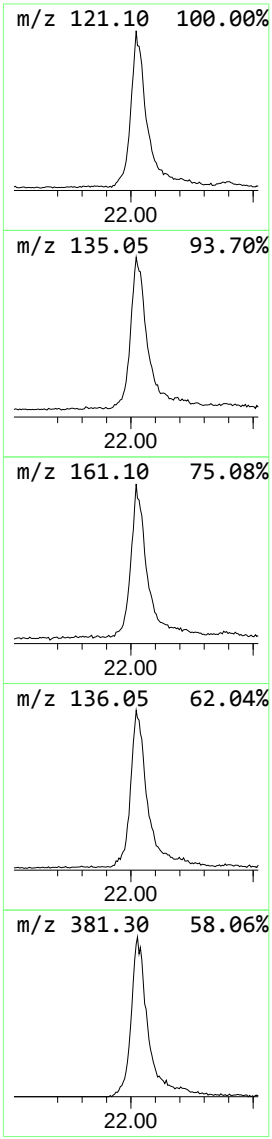
Peak Number 4 unknown22.021 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.021	36.57 ng	2526980	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	30
2	Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	25
3	2,6,6-Trimethylcyclohexa-1,4-die...	150	C10H14O	162376-82-1	25
4	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	25
5	Cyclopentane, 2-methyl-1-methyle...	136	C10H16	056710-83-9	25





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.157	10.5	ng	501740	4	17.257	952118	20.0
Octadecanoic acid	19.433	5.5	ng	383804	5	21.433	1382030	20.0
5-Eicosene, (E)-	21.156	5.1	ng	355388	5	21.433	1382030	20.0
unknown22.021	22.021	36.6	ng	2526980	5	21.433	1382030	20.0