LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035253.D
Acq On : 25 May 2022 22:10
Operator : CG/JU
Sample : N2895-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P030-SS001-0612-01

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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035253.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	398	405	419	rBV	1388920	2059067	41.77%	8.121%
2	7.057	668	675	693	rBV	1316241	2147567	43.57%	8.470%
3	7.886	809	816	826	rBV	415537	652876	13.24%	2.575%
4	9.045	1006	1013	1027	rBV	834048	1377553	27.95%	5.433%
5	10.686	1282	1292	1303	rBV	509467	868068	17.61%	3.424%
6	13.151	1704	1711	1724	rBV	2139965	3139324	63.69%	12.382%
7	14.521	1937	1944	1956	rBV	793703	1181183	23.96%	4.659%
8	16.009	2191	2197	2211	rBV	1817739	2601920	52.79%	10.262%
9	17.268	2404	2411	2425	rBV	1024032	1449103	29.40%	5.715%
10	18.174	2559	2565	2583	rBV	245939	421649	8.55%	1.663%
11	19.450	2777	2782	2795	rBV	117233	208833	4.24%	0.824%
12	19.892	2851	2857	2864	rBV	4121287	4929239	100.00%	19.441%
13	21.174	3071	3075	3083	rBV	271590	388557	7.88%	1.532%
14	21.450	3117	3122	3131	rBV	1403970	1824014	37.00%	7.194%
15	22.703	3332	3335	3342	rVB	183085	245752	4.99%	0.969%
16	23.827	3520	3526	3535	rVB2	915537	1860099	37.74%	7.336%

Sum of corrected areas: 25354804

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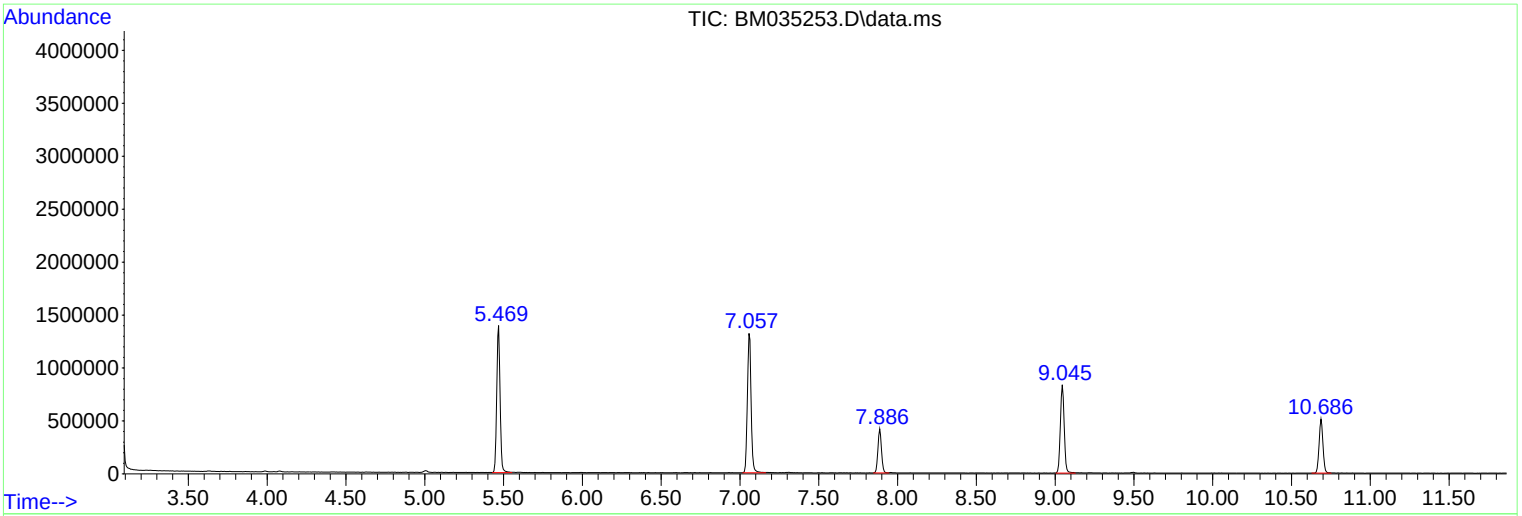
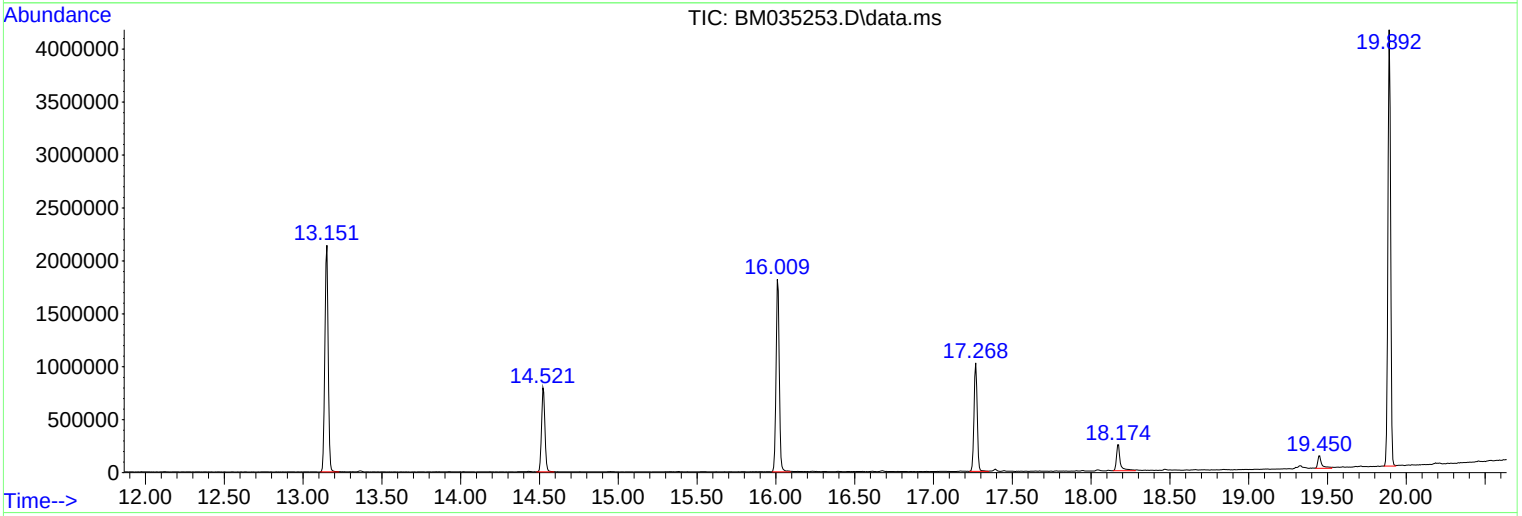
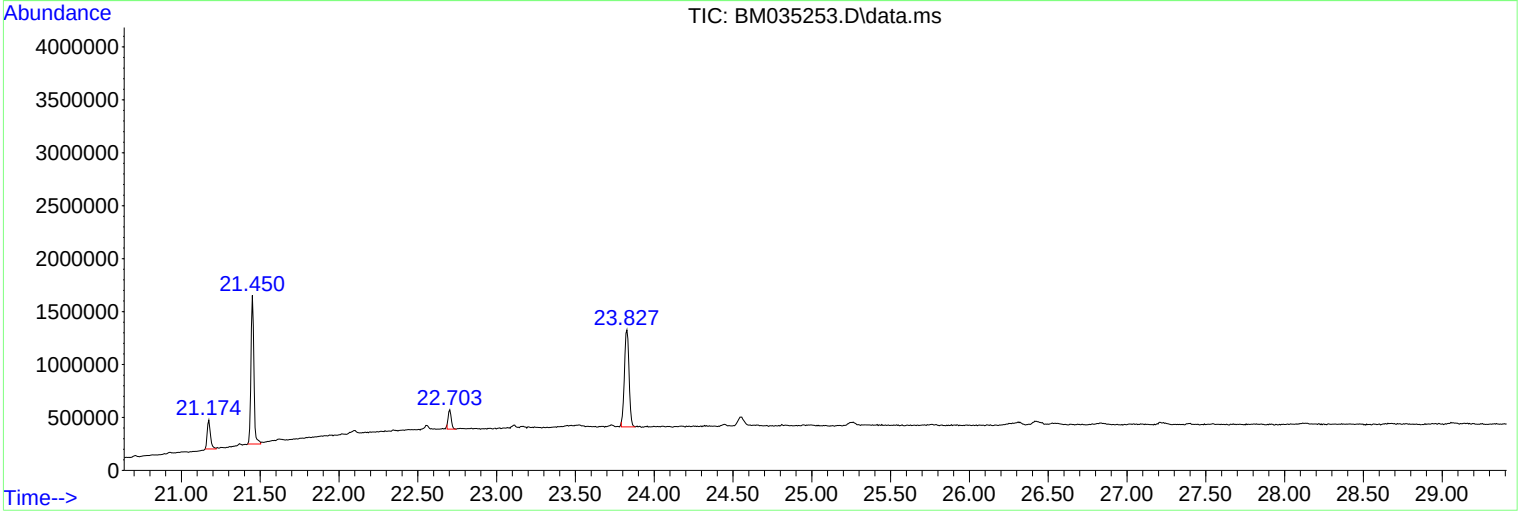
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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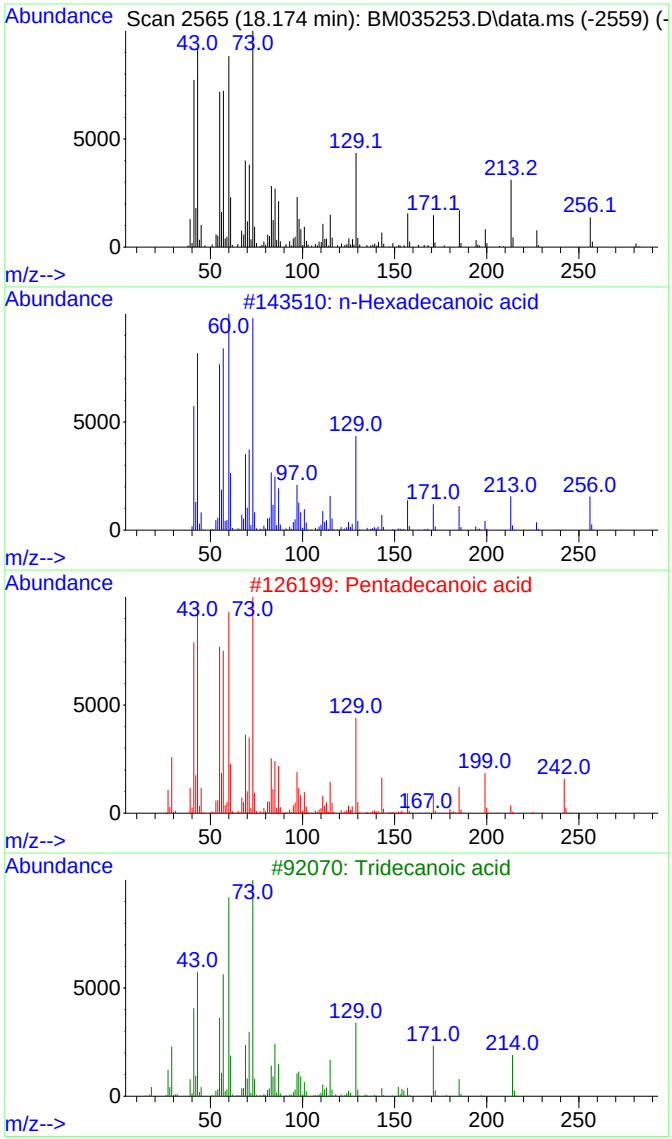
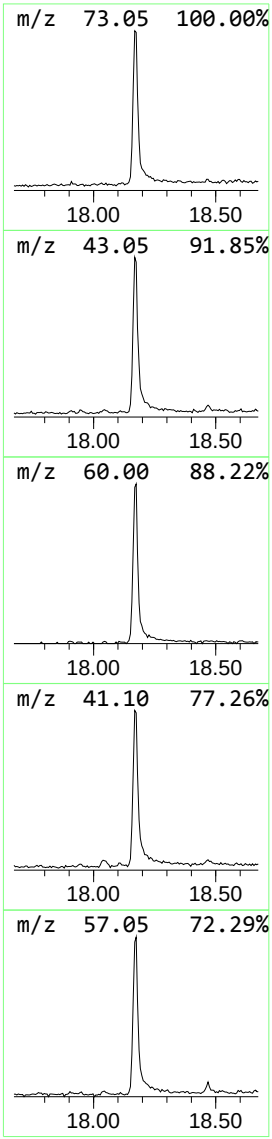
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	5.82 ng	421649	Phenanthrene-d10	17.268

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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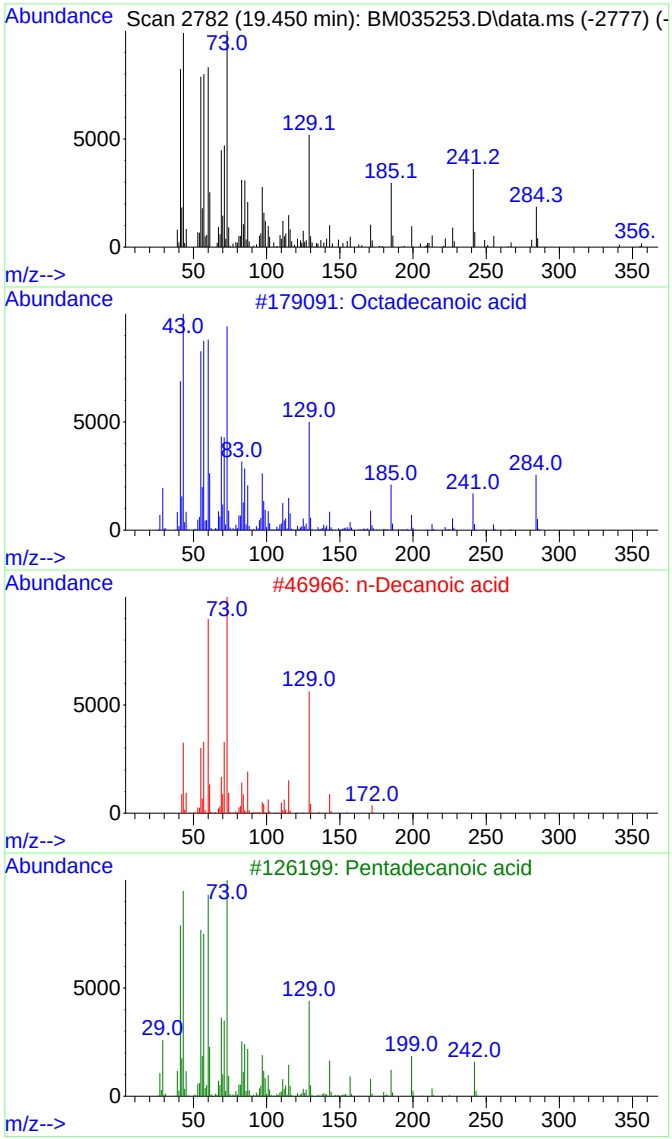
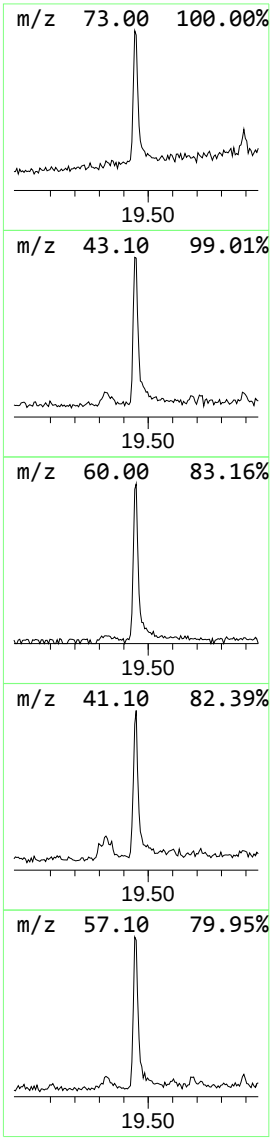
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.450	2.29 ng	208833	Chrysene-d12	21.450

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





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Data File : BM035253.D
Acq On : 25 May 2022 22:10
Operator : CG/JU
Sample : N2895-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P030-SS001-0612-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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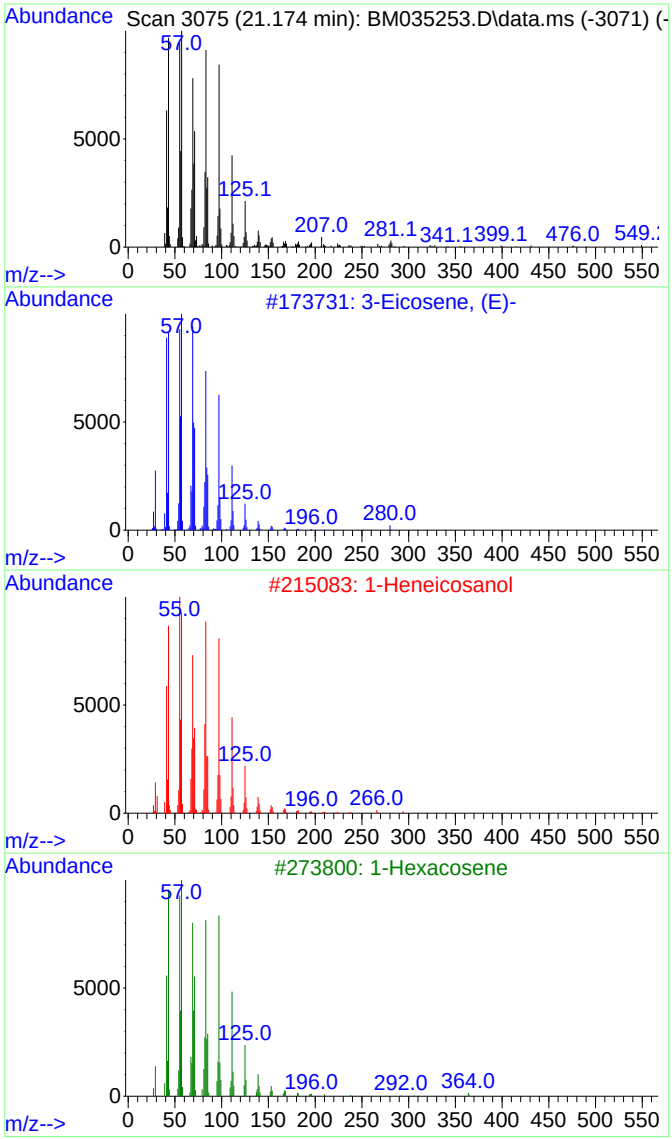
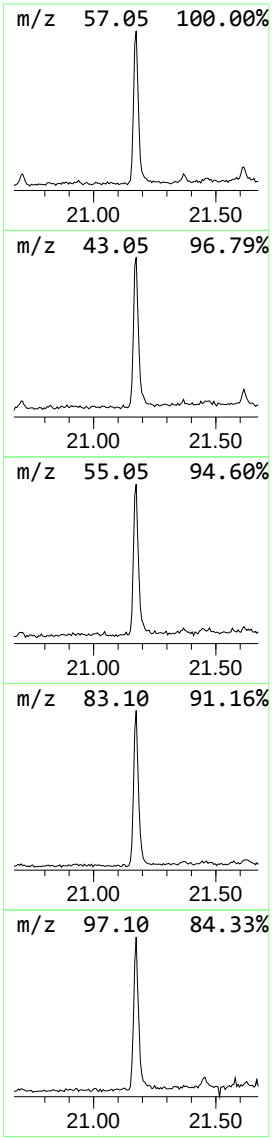
Peak Number 3 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	4.26 ng	388557	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Hexacosene	364	C26H52	018835-33-1	95
4	1-Tetracosene	336	C24H48	010192-32-2	95
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P030-SS001-0612-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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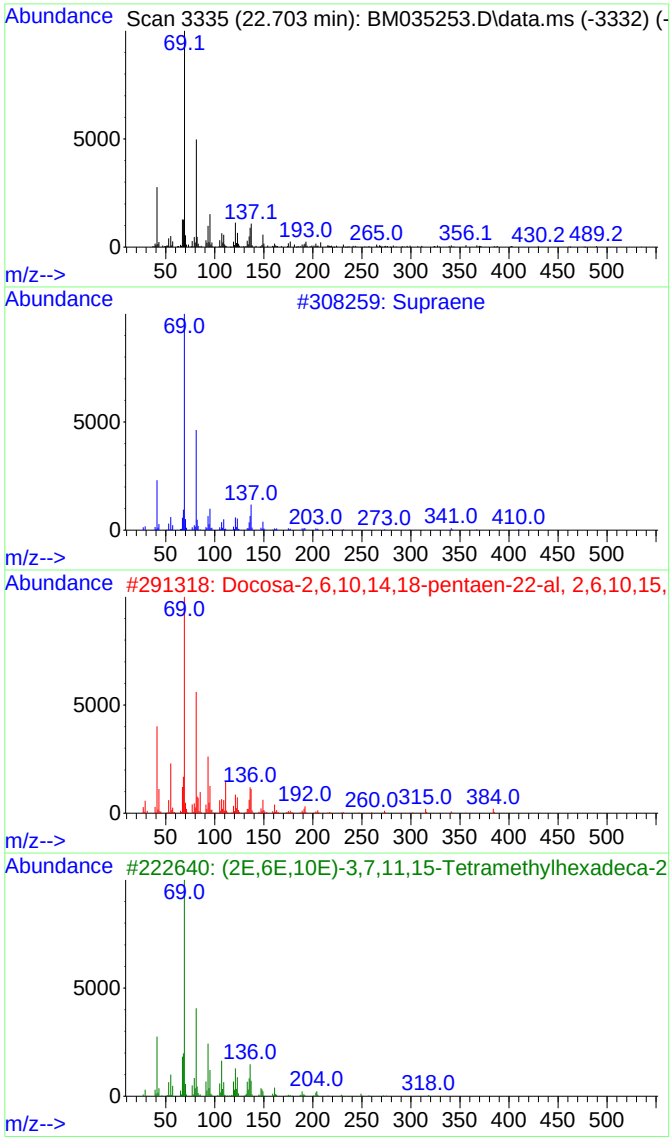
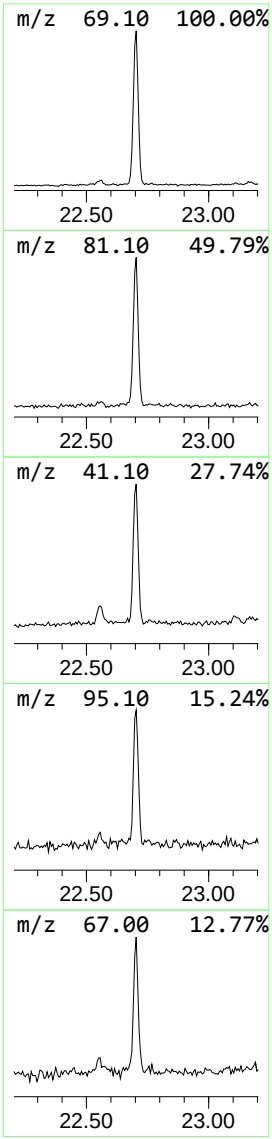
Peak Number 4 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.703	2.64 ng	245752	Perylene-d12	23.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	74
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72
3	(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	64
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	3,7-Dimethyl-1-phenylsulfonyl-2,...	278	C16H22O2S	1000432-27-5	59





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.174	5.8	ng	421649	4	17.268	1449100	20.0
Octadecanoic acid	19.450	2.3	ng	208833	5	21.450	1824010	20.0
3-Eicosene, (E)-	21.174	4.3	ng	388557	5	21.450	1824010	20.0
Supraene	22.703	2.6	ng	245752	6	23.827	1860100	20.0