LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035247.D
Acq On : 25 May 2022 18:33
Operator : CG/JU
Sample : N2922-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P024-SS001-2430-01

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: BM035247.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	420	rBV	1719807	2478688	41.50%	7.946%
2	7.063	668	676	687	rBV	1667101	2645184	44.29%	8.479%
3	7.887	809	816	826	rBV	408844	641481	10.74%	2.056%
4	9.045	1005	1013	1025	rBV	993765	1707369	28.59%	5.473%
5	10.686	1284	1292	1304	rBV	488981	861211	14.42%	2.761%
6	13.151	1704	1711	1724	rBV	2678191	3873958	64.86%	12.418%
7	14.527	1936	1945	1961	rBV	764202	1156098	19.36%	3.706%
8	14.951	2010	2017	2028	rBV2	37814	77638	1.30%	0.249%
9	16.015	2191	2198	2209	rBV	2179049	3080693	51.58%	9.876%
10	16.680	2306	2311	2320	rBV4	36101	63921	1.07%	0.205%
11	17.268	2404	2411	2417	rBV	974603	1363064	22.82%	4.369%
12	18.115	2551	2555	2558	rBV3	44696	67030	1.12%	0.215%
13	18.174	2559	2565	2581	rVV	1395602	2085188	34.91%	6.684%
14	19.303	2753	2757	2759	rBV	78079	101566	1.70%	0.326%
15	19.333	2759	2762	2772	rVB3	89522	193098	3.23%	0.619%
16	19.450	2777	2782	2799	rVV	756108	1039987	17.41%	3.334%
17	19.892	2852	2857	2864	rBV	4823689	5972688	100.00%	19.146%
18	21.174	3071	3075	3083	rBV	309433	435829	7.30%	1.397%
19	21.450	3117	3122	3127	rBV	1337678	1647290	27.58%	5.281%
20	23.827	3520	3526	3536	rVB2	849528	1703172	28.52%	5.460%

Sum of corrected areas: 31195153

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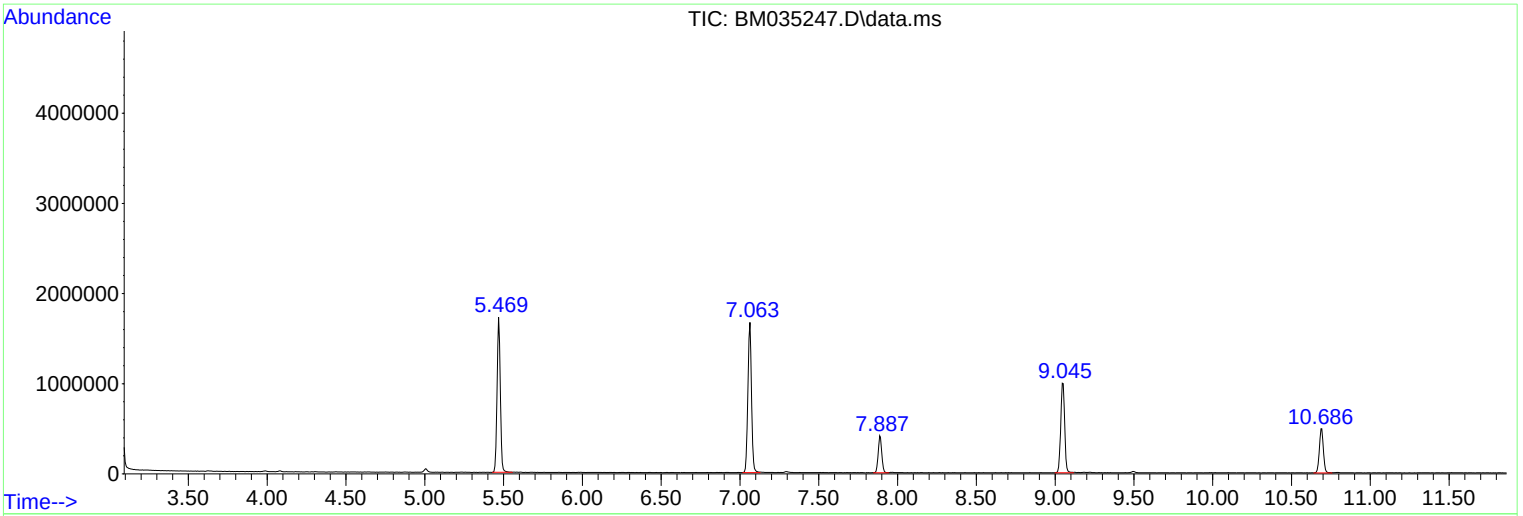
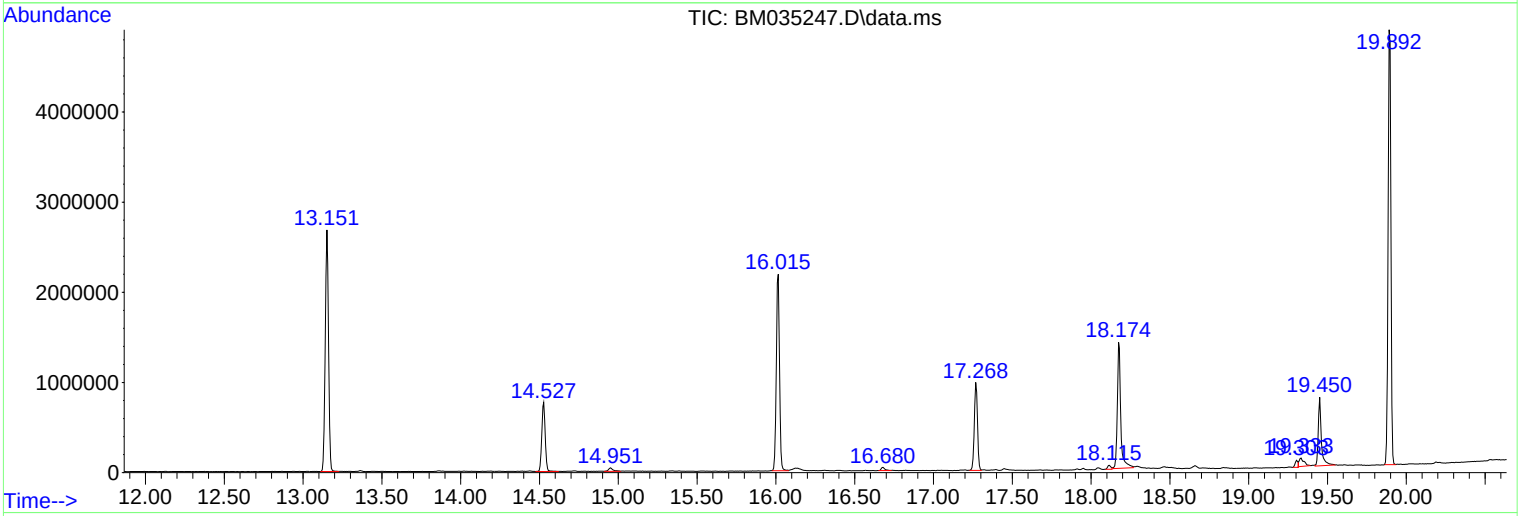
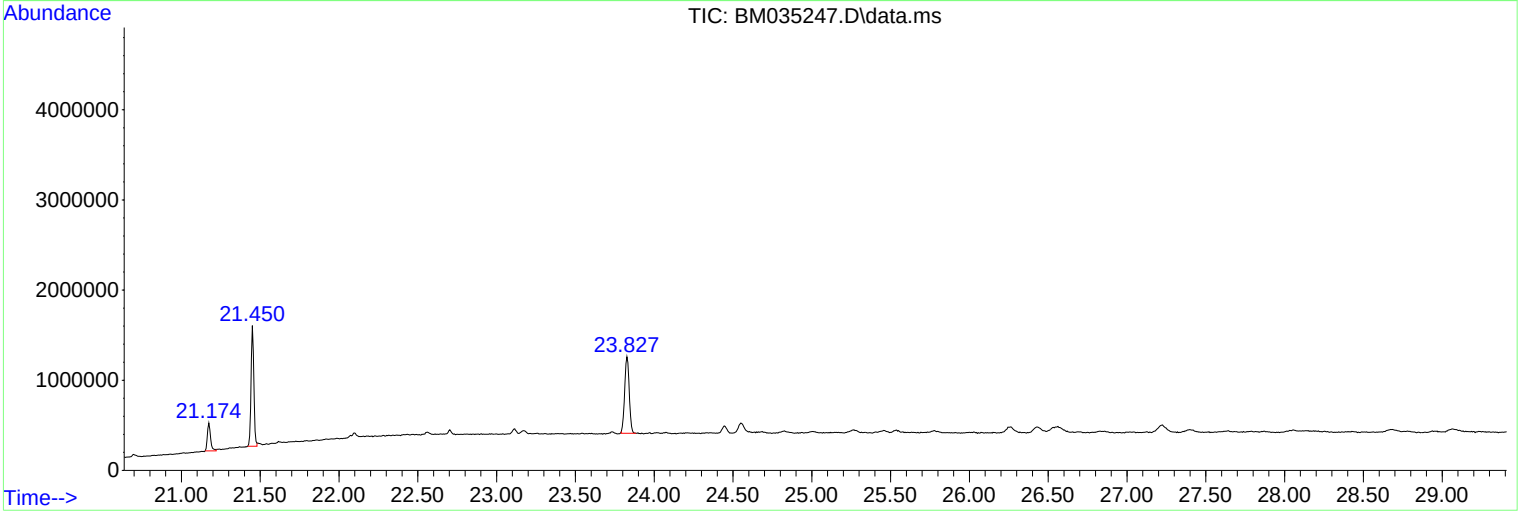
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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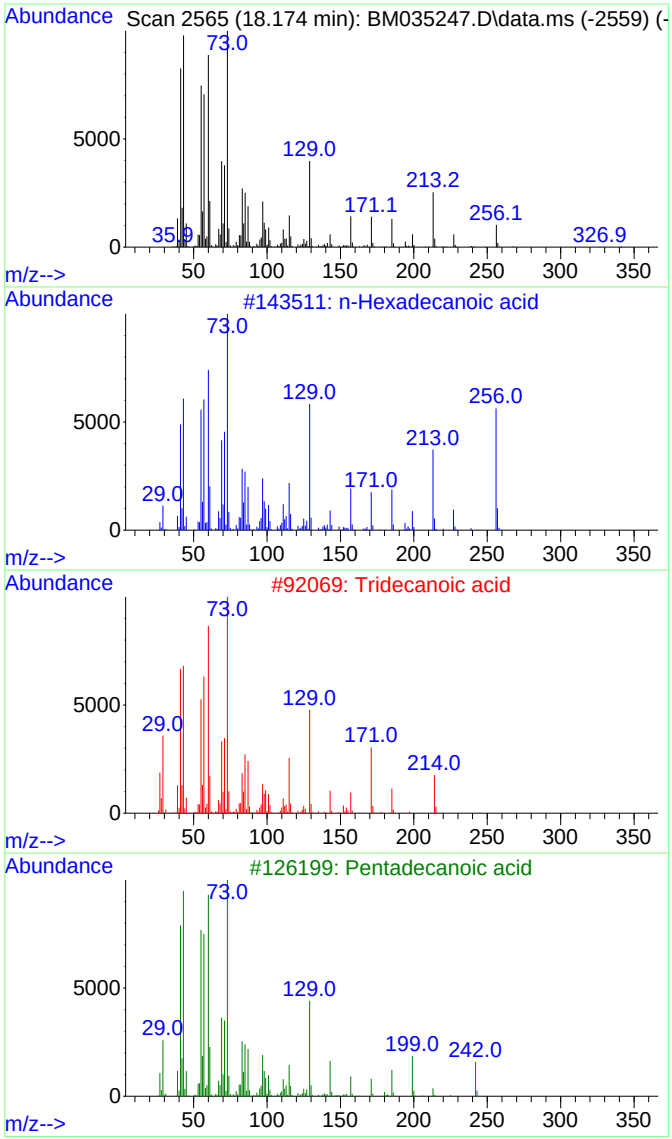
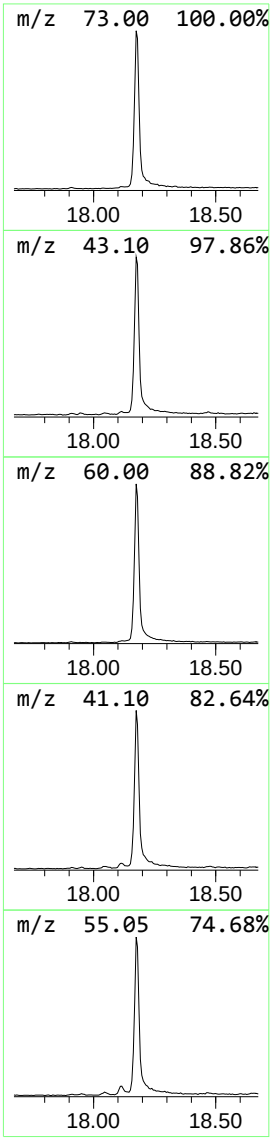
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	30.60 ng	2085190	Phenanthrene-d10	17.268

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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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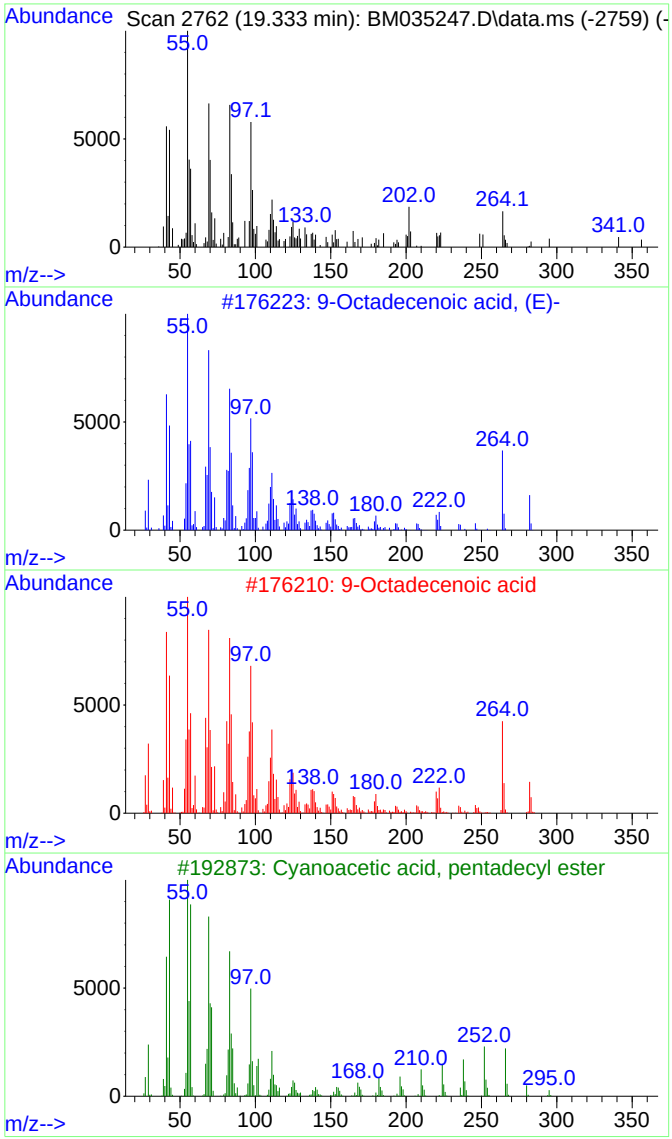
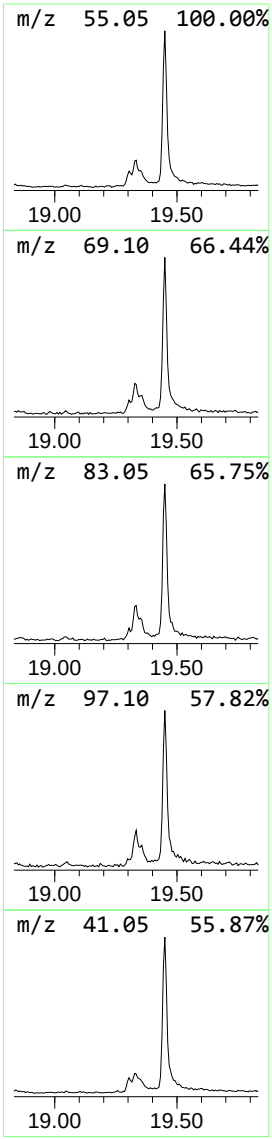
Peak Number 2 9-Octadecenoic acid, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	2.83 ng	193098	Phenanthrene-d10	17.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
2	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
3	Cyanoacetic acid, pentadecyl ester	295	C18H33NO2	1000406-23-2	81
4	Carbonic acid, tetradecyl 2,2,2-...	388	C17H31Cl3O3	1000314-56-0	80
5	1-Dodecanethiol	202	C12H26S	000112-55-0	76





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Instrument :
BNA_M
ClientSampleId :
P024-SS001-2430-01

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

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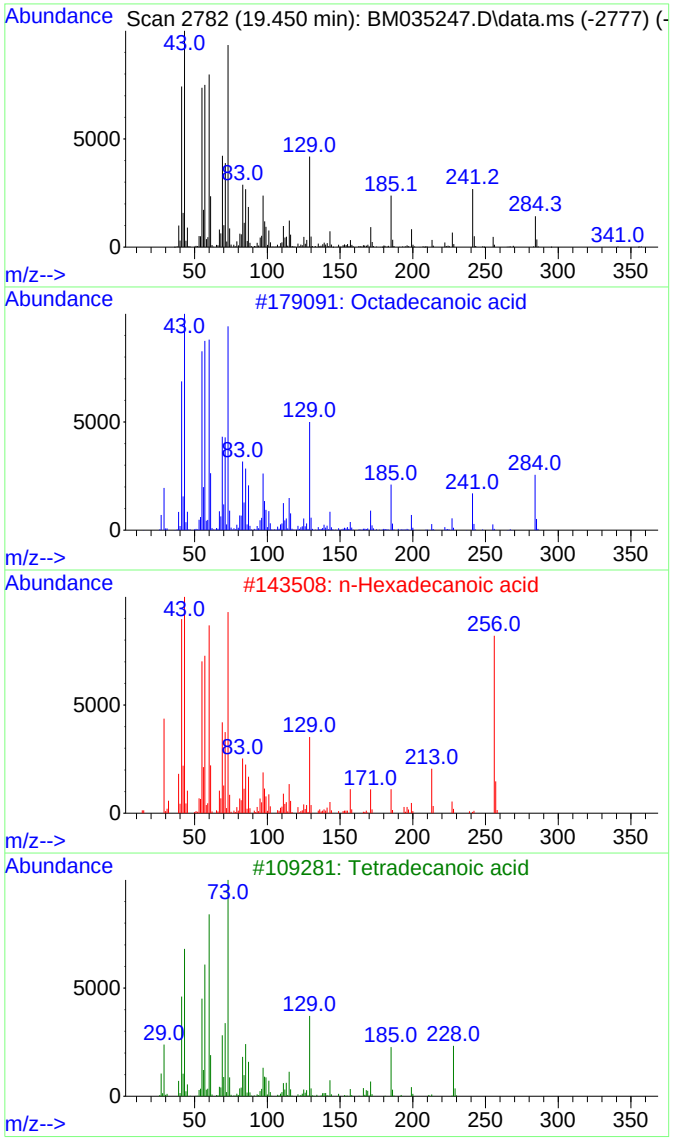
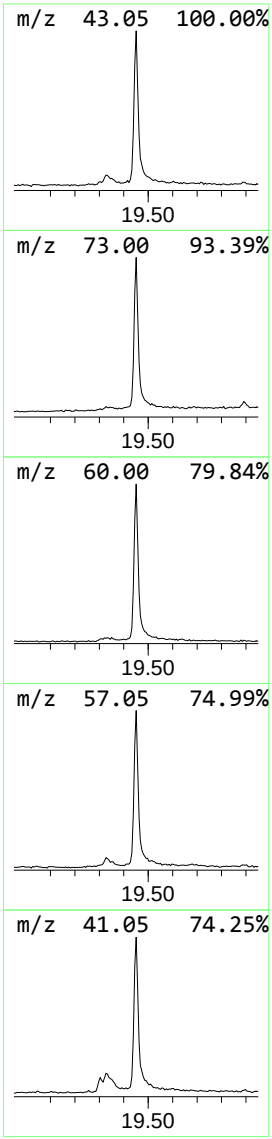
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	12.63 ng	1039990	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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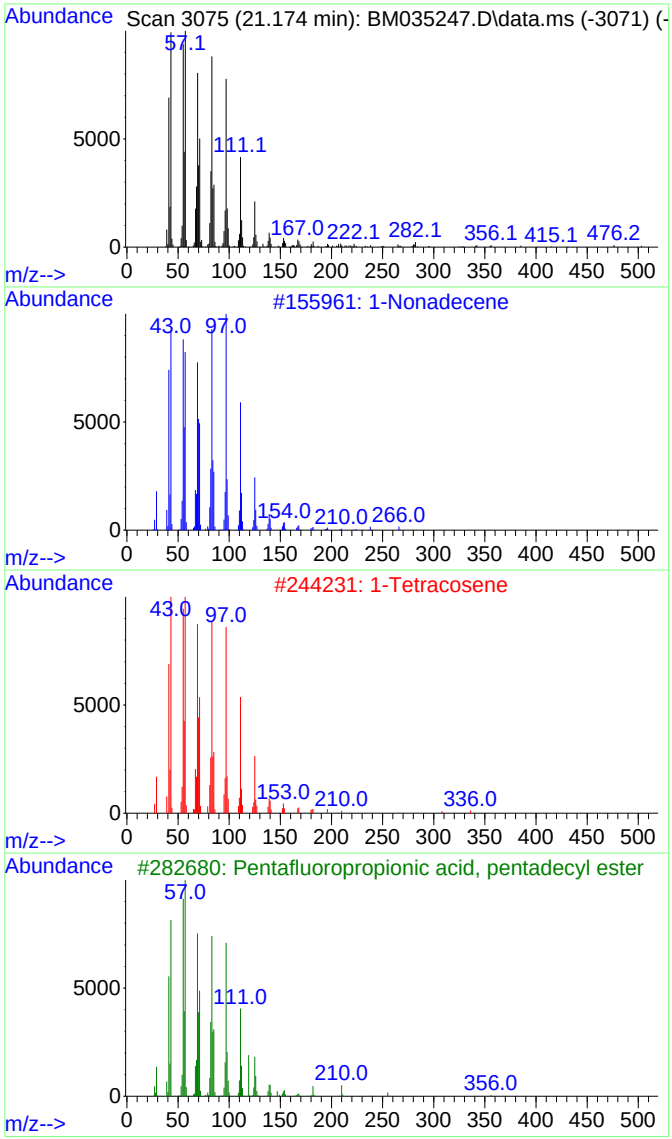
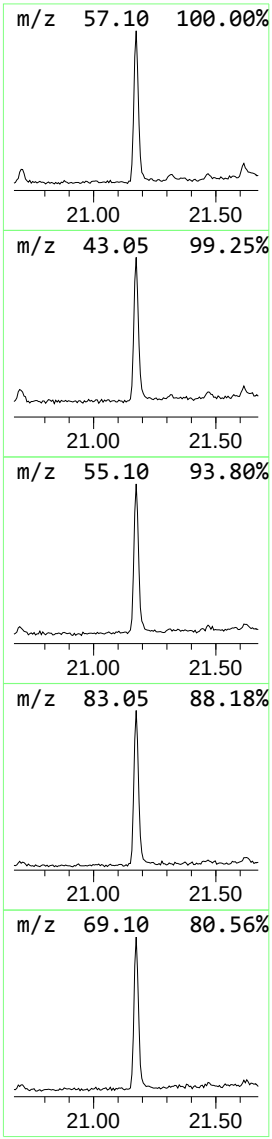
Peak Number 4 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	5.29 ng	435829	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Tetracosene	336	C24H48	010192-32-2	95
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptacos-1-ene	378	C27H54	015306-27-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument :
BNA_M
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.174	30.6	ng	2085190	4	17.268	1363060	20.0
9-Octadecenoic ...	19.333	2.8	ng	193098	4	17.268	1363060	20.0
Octadecanoic acid	19.451	12.6	ng	1039990	5	21.450	1647290	20.0
1-Nonadecene	21.174	5.3	ng	435829	5	21.450	1647290	20.0