LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
Data File : BM028148.D
Acq On : 17 Dec 2020 19:21
Operator : JU/CG
Sample : L5036-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-7

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-BM121620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028148.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	342	346	356	rVB	41524	65255	1.03%	0.196%
2	5.704	421	428	438	rBV	1830756	2690903	42.44%	8.102%
3	7.345	699	707	724	rBV	1807528	3044241	48.02%	9.166%
4	7.793	778	783	795	rBV	103189	166256	2.62%	0.501%
5	8.210	847	854	860	rBV	501659	781373	12.32%	2.353%
6	9.387	1045	1054	1061	rBV	1115792	1848543	29.16%	5.566%
7	11.039	1327	1335	1342	rBV	650713	1096279	17.29%	3.301%
8	13.463	1740	1747	1755	rVB	2690599	3893936	61.42%	11.724%
9	13.716	1785	1790	1799	rVB	428738	635729	10.03%	1.914%
10	14.280	1879	1886	1892	rBV	332983	463995	7.32%	1.397%
11	14.833	1974	1980	1988	rVB	1013228	1471071	23.20%	4.429%
12	15.921	2160	2165	2174	rBV	44057	71630	1.13%	0.216%
13	16.304	2224	2230	2245	rBV	2307892	3327753	52.49%	10.019%
14	17.557	2436	2443	2447	rBV	1273587	1820706	28.72%	5.482%
15	17.598	2447	2450	2456	rVB	52385	75506	1.19%	0.227%
16	18.409	2583	2588	2594	rBV2	172890	245844	3.88%	0.740%
17	19.574	2782	2786	2793	rVB	135784	185950	2.93%	0.560%
18	19.662	2797	2801	2807	rBV	74055	112797	1.78%	0.340%
19	19.939	2844	2848	2855	rVB	110460	156797	2.47%	0.472%
20	20.127	2875	2880	2885	rBV	5211525	6339980	100.00%	19.088%
21	21.356	3085	3089	3099	rBV	601078	877690	13.84%	2.643%
22	21.668	3137	3142	3146	rBV	1633789	2098731	33.10%	6.319%
23	24.039	3539	3545	3553	rVB	886072	1742982	27.49%	5.248%

Sum of corrected areas: 33213947

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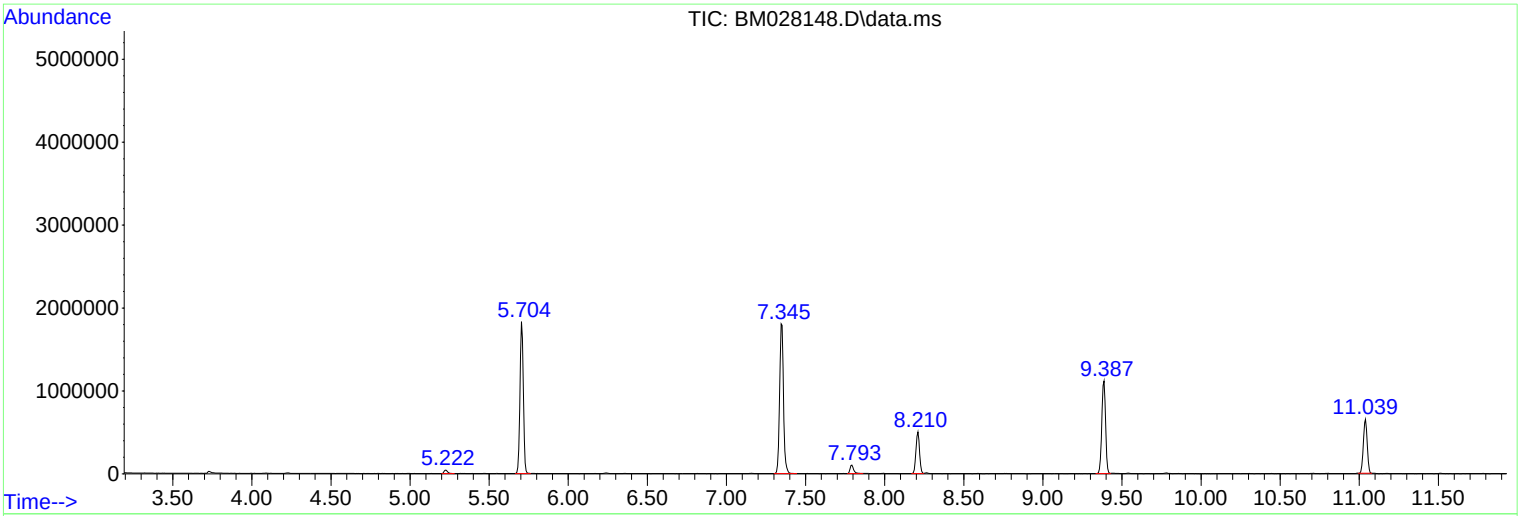
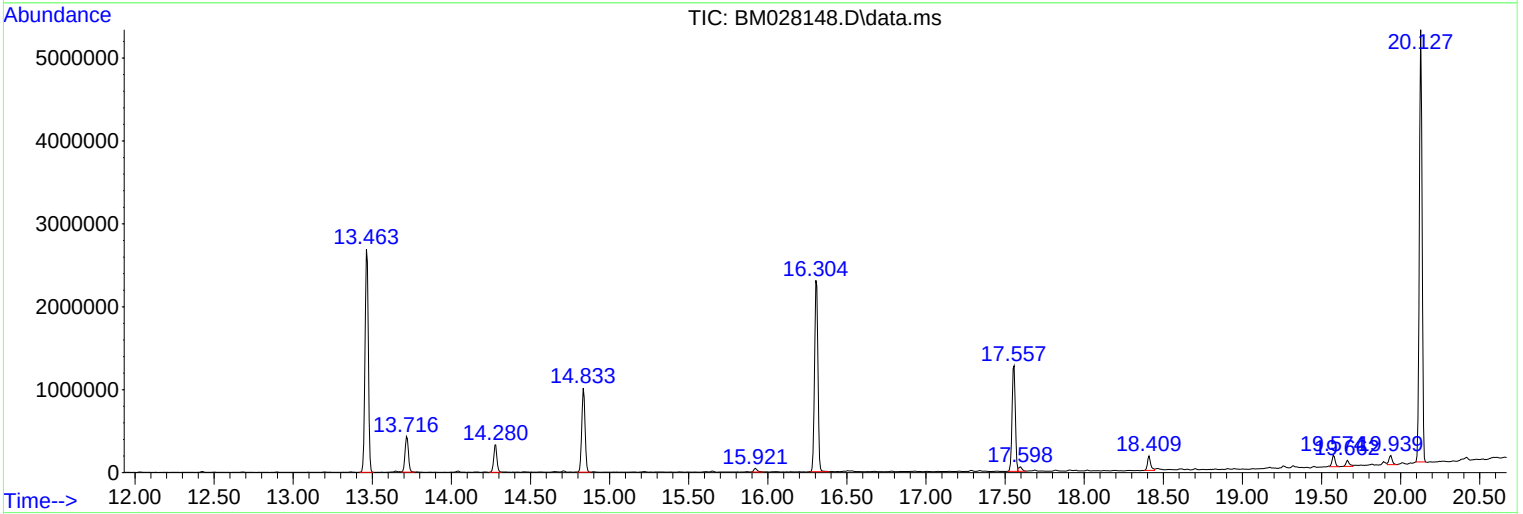
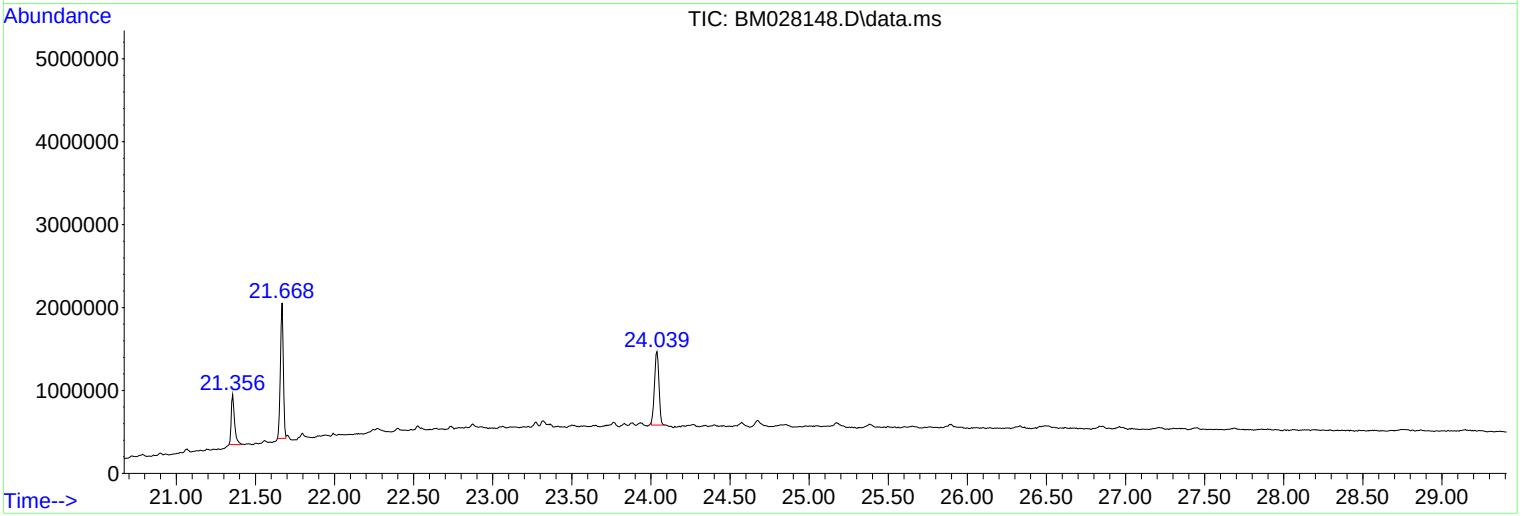
ClientSampleId :
B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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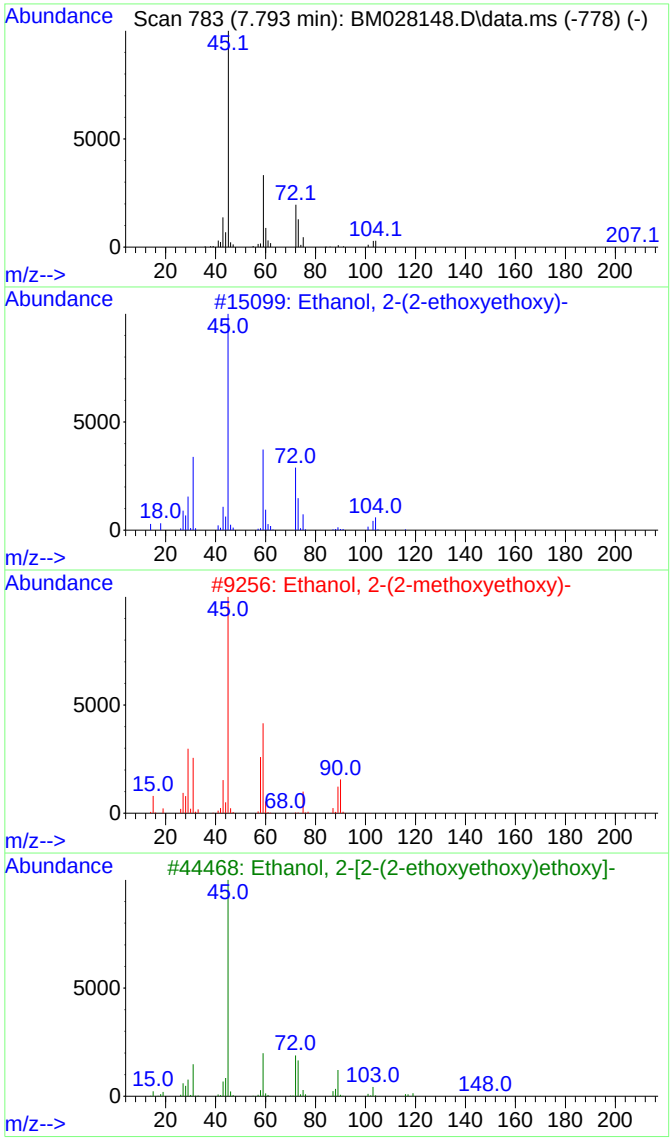
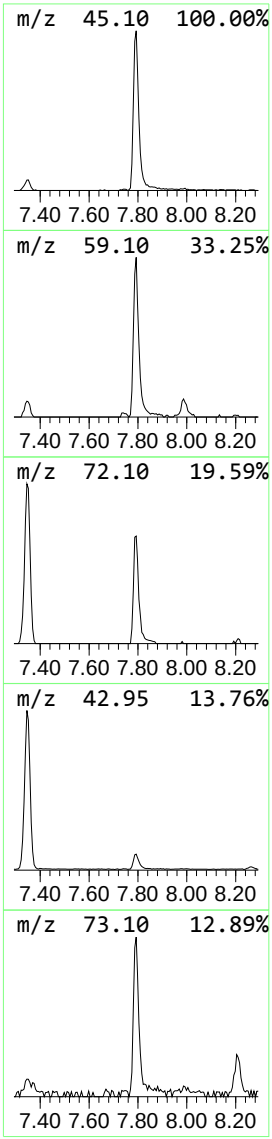
****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.793	4.26 ng	166256	1,4-Dichlorobenzene-d4	8.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	40
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
5	Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	33





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Instrument : BNA_M
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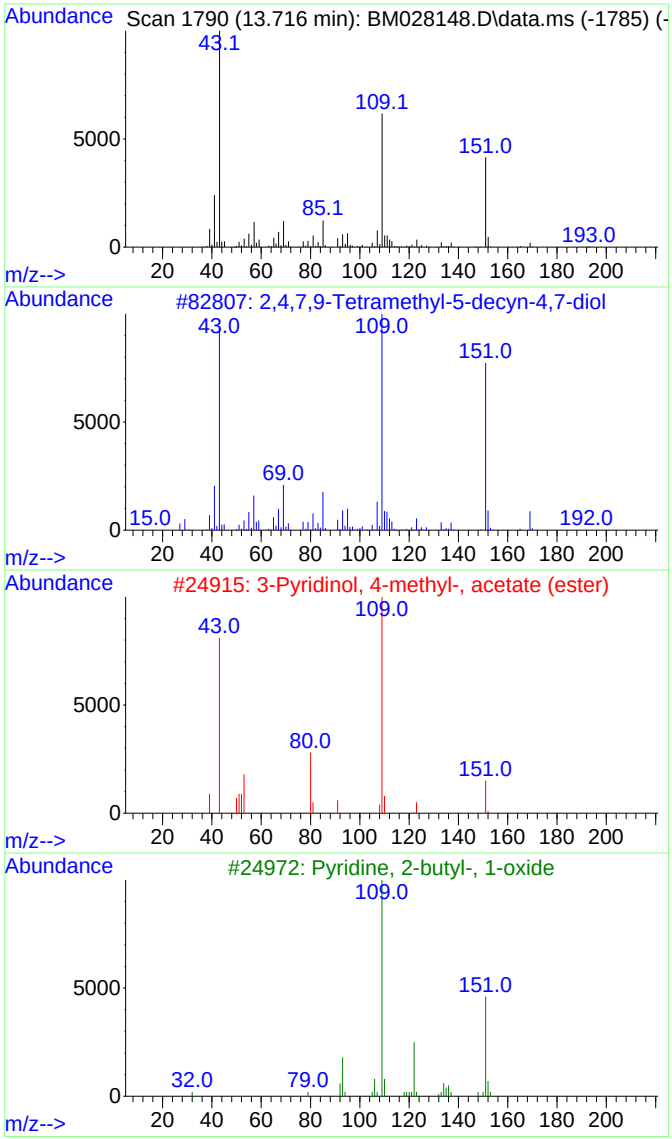
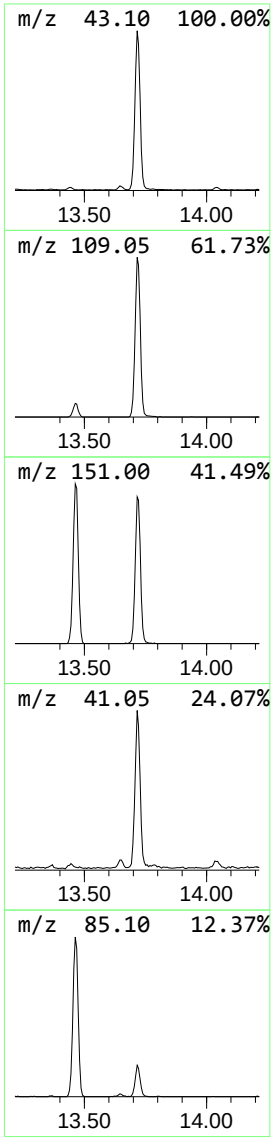
****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	8.64 ng	635729	Acenaphthene-d10	14.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	Diacetamate	193	C10H11NO3	002623-33-8	42





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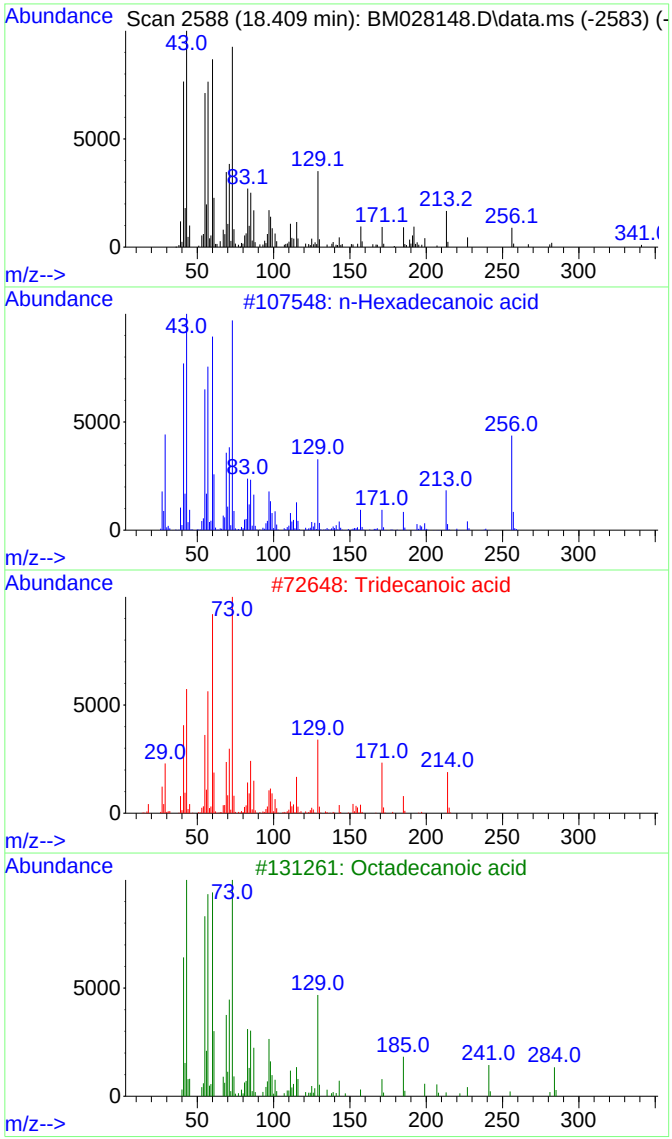
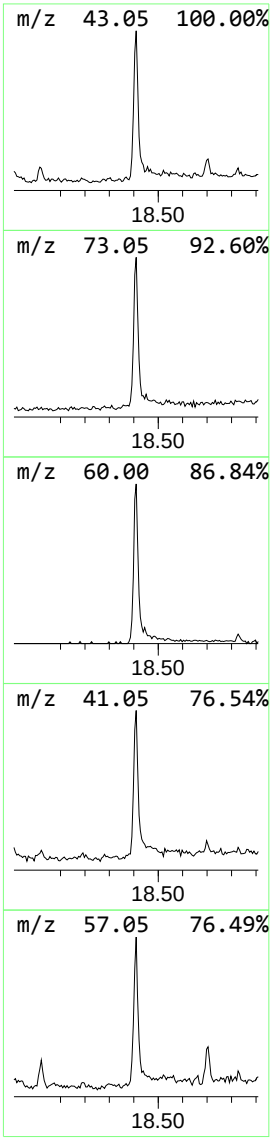
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	2.70 ng	245844	Phenanthrene-d10	17.557

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	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





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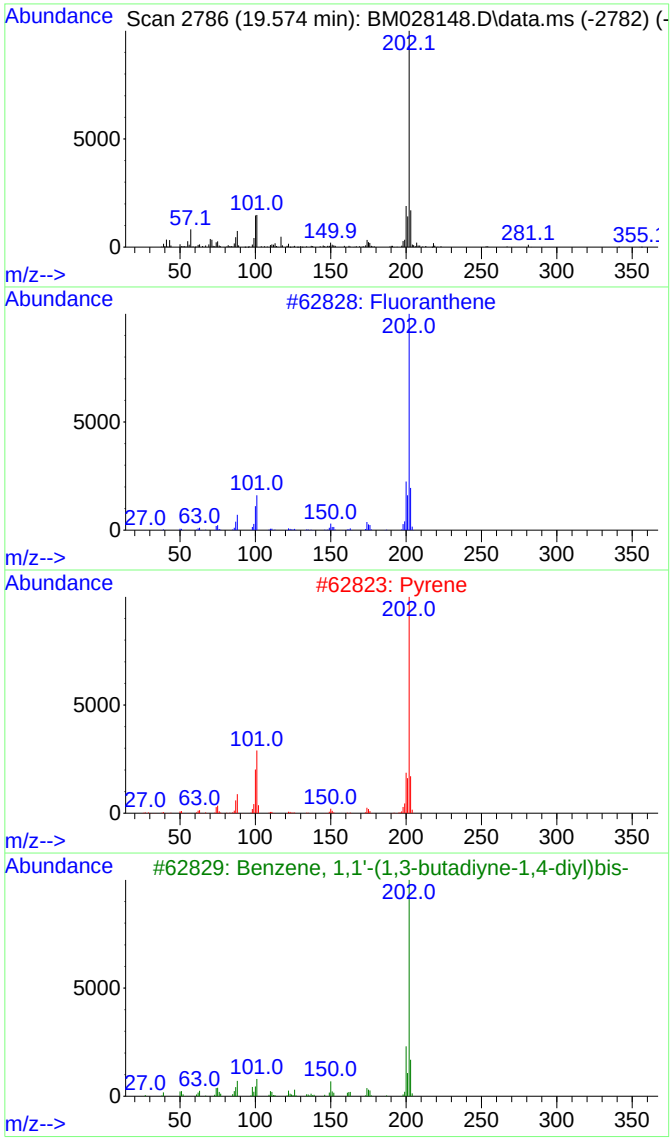
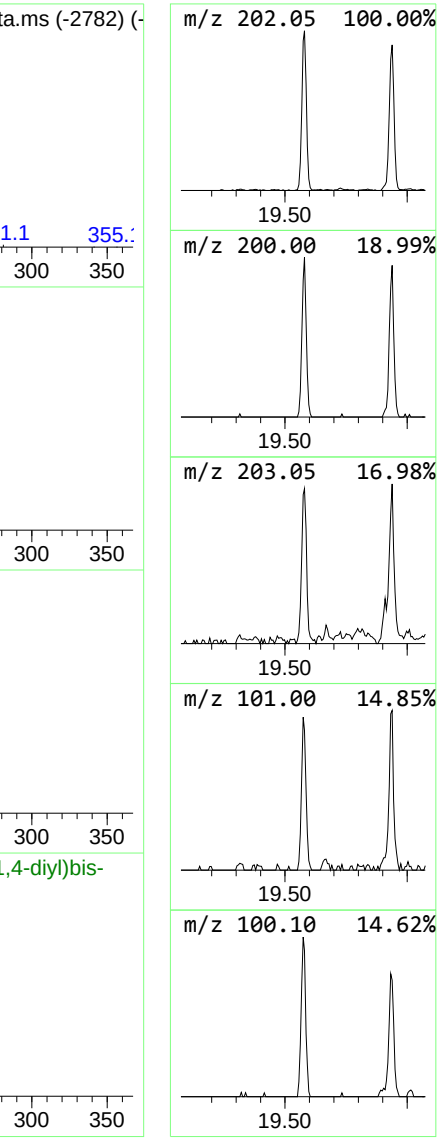
****
Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.574	2.04 ng	185950	Phenanthrene-d10	17.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	91
2	Pyrene	202	C16H10	000129-00-0	87
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	Anthracene, 9-(2-nitroethenyl)-	249	C16H11NO2	058349-77-2	45
5	6-Amino-2,4-dimethyl-5,8-quinoli...	202	C11H10N2O2	052824-07-4	43





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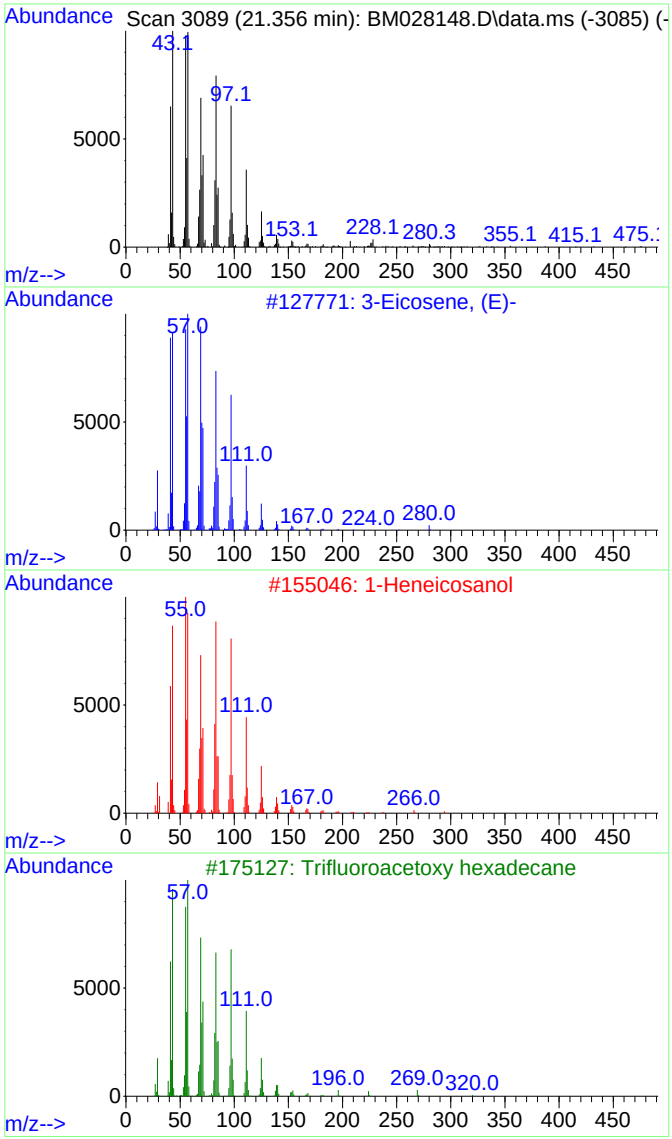
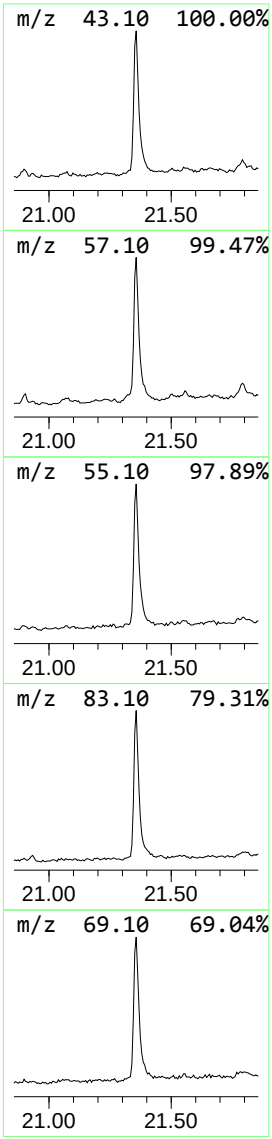
****

Peak Number 5 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.356	8.36 ng	877690	Chrysene-d12	21.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	7.793	4.3	ng	166256	1	8.210	781373	20.0
2,4,7,9-Tetrame...	13.716	8.6	ng	635729	3	14.833	1471070	20.0
n-Hexadecanoic ...	18.410	2.7	ng	245844	4	17.557	1820710	20.0
Benzene, 1,1'-(...	19.574	2.0	ng	185950	4	17.557	1820710	20.0
3-Eicosene, (E)-	21.356	8.4	ng	877690	5	21.668	2098730	20.0