LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050523.D
Acq On : 9 Oct 2021 00:29
Operator : CG/JU
Sample : M4081-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-237

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050523.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.905	67	71	80	rVB	13318	23825	1.03%	0.134%
2	5.796	386	393	403	rBV	1103983	1879126	81.52%	10.587%
3	7.400	658	666	676	rBV	1152935	2056634	89.22%	11.587%
4	8.258	805	812	828	rVB	224914	408114	17.71%	2.299%
5	9.433	1003	1012	1020	rBV	707688	1307349	56.72%	7.366%
6	10.832	1240	1250	1261	rBV	438571	741020	32.15%	4.175%
7	11.084	1281	1293	1300	rBV	314914	587161	25.47%	3.308%
8	13.499	1696	1704	1713	rVB	1284625	2099975	91.10%	11.831%
9	13.746	1740	1746	1757	rBV2	42992	100639	4.37%	0.567%
10	14.874	1931	1938	1947	rBV	494004	801155	34.76%	4.514%
11	16.361	2184	2191	2203	rVB	1181960	1865819	80.94%	10.512%
12	17.618	2396	2405	2411	rBV	575153	937860	40.69%	5.284%
13	17.659	2411	2412	2418	rVB	32190	36134	1.57%	0.204%
14	18.258	2509	2514	2520	rVB	52852	65799	2.85%	0.371%
15	18.476	2546	2551	2558	rBV4	27043	46810	2.03%	0.264%
16	19.416	2707	2711	2716	rVB	88850	103448	4.49%	0.583%
17	19.545	2727	2733	2740	rBV4	22988	34978	1.52%	0.197%
18	19.657	2747	2752	2758	rVB	69170	99048	4.30%	0.558%
19	20.021	2803	2814	2820	rVB	62831	113507	4.92%	0.640%
20	20.209	2840	2846	2851	rBV	1750672	2305063	100.00%	12.987%
21	20.491	2886	2894	2900	rBV6	20657	53608	2.33%	0.302%
22	21.519	3064	3069	3075	rBV3	113708	170153	7.38%	0.959%
23	21.919	3128	3137	3143	rBV2	518995	946408	41.06%	5.332%
24	23.470	3398	3401	3406	rVB6	17610	31873	1.38%	0.180%
25	25.332	3709	3718	3730	rVB2	305081	933516	40.50%	5.260%

Sum of corrected areas: 17749022

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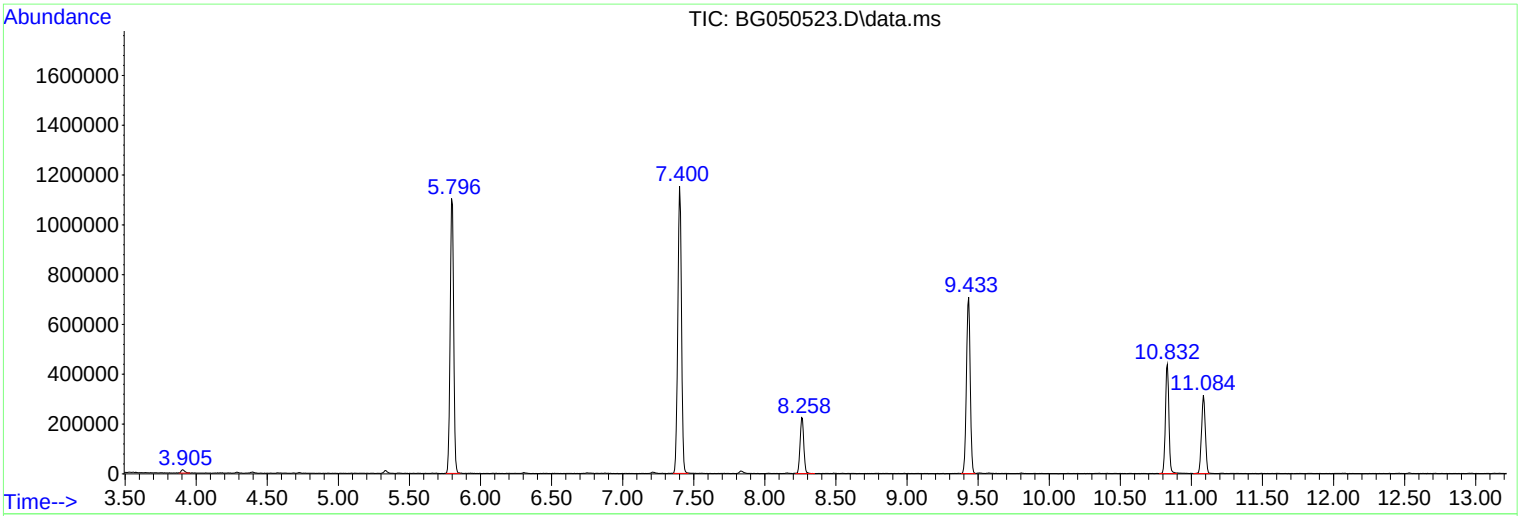
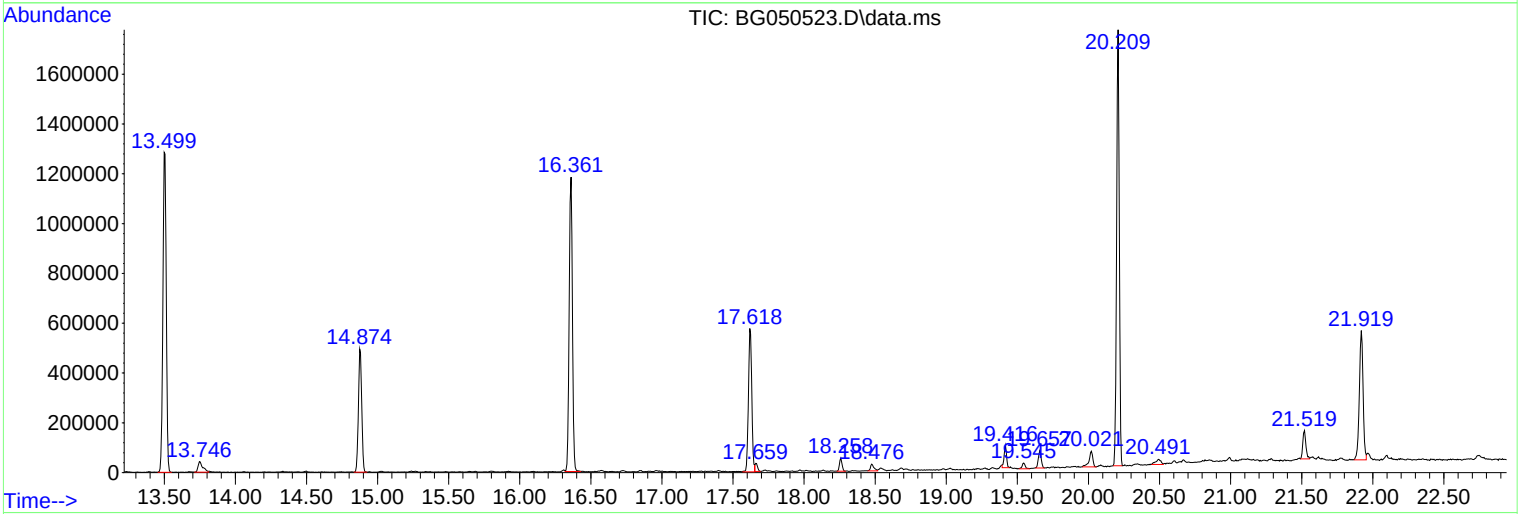
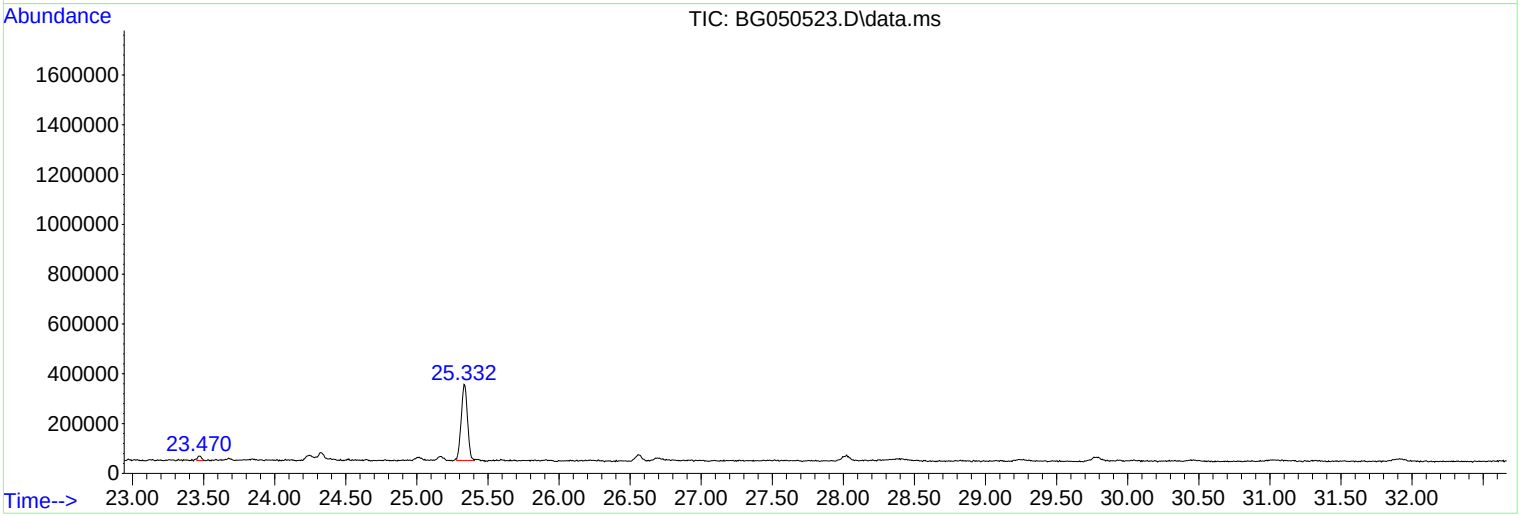
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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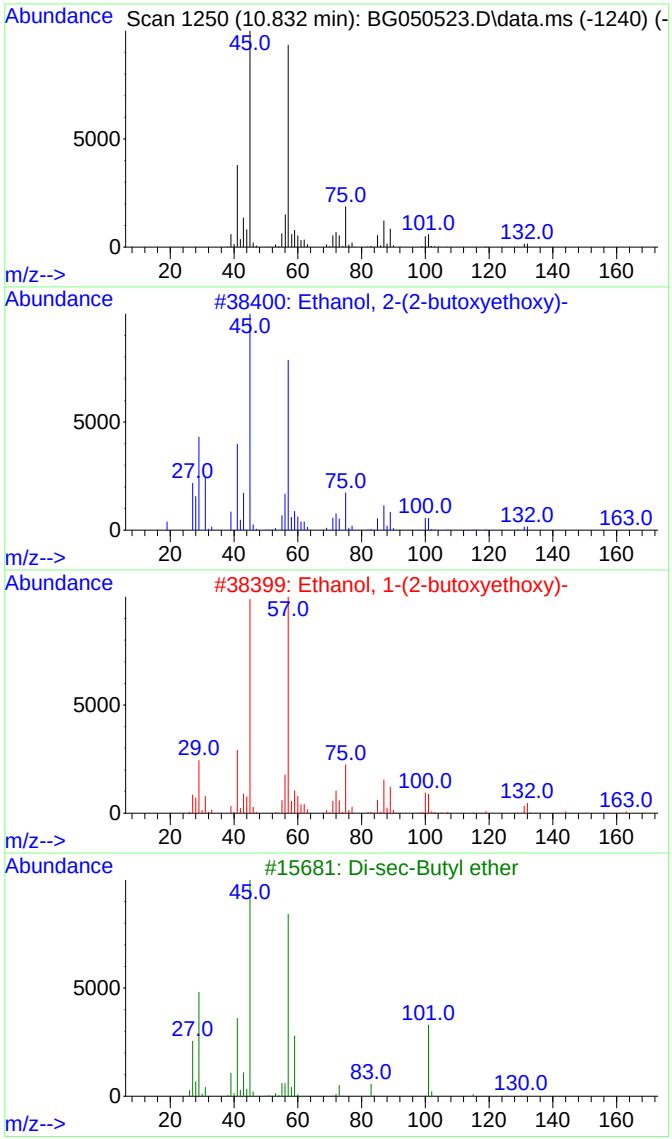
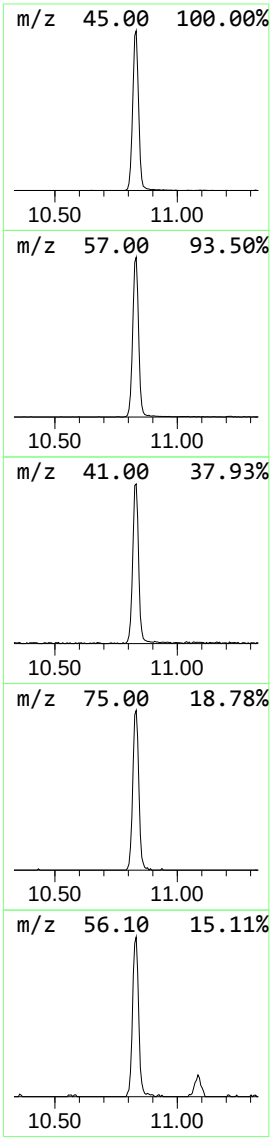
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.832	25.24 ng	741020	Naphthalene-d8	11.084

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	59
4	Butyl lactate	146	C7H14O3	000138-22-7	50
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





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ClientSampleId : VNJ-237

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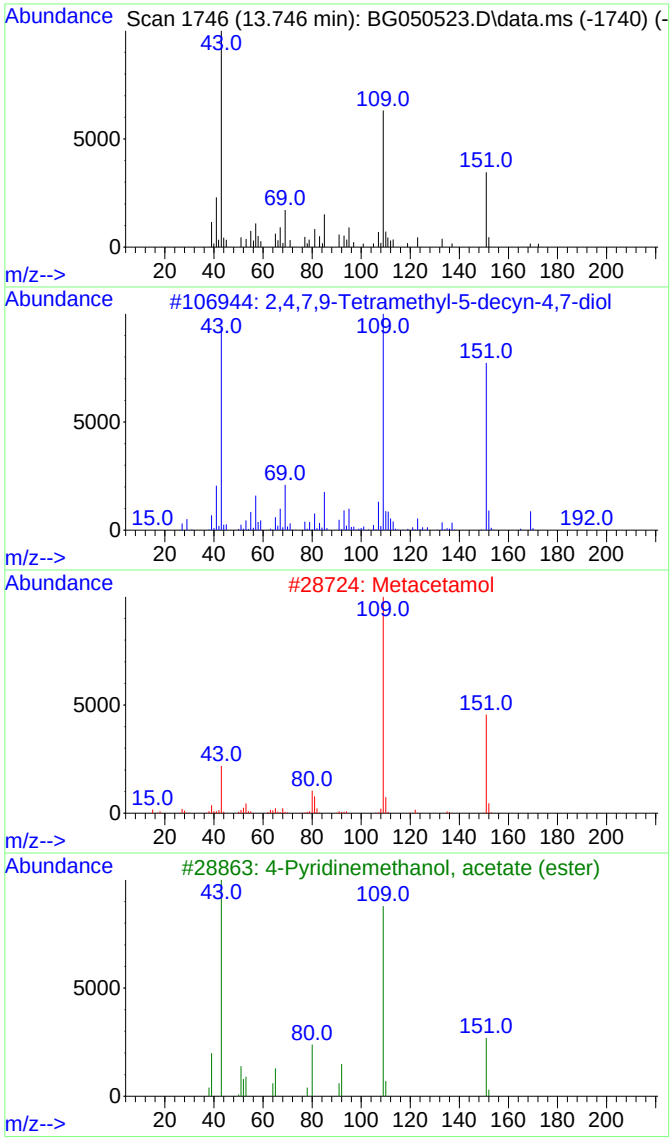
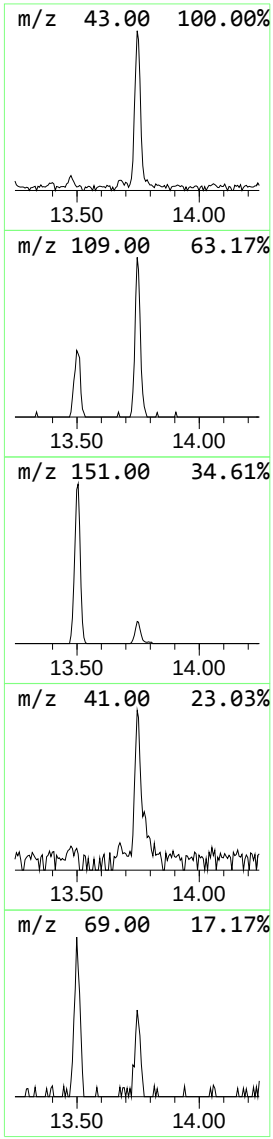
****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.746	2.51 ng	100639	Acenaphthene-d10	14.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Metacetamol	151	C8H9NO2	000621-42-1	49
3	4-Pyridinemethanol, acetate (ester)	151	C8H9NO2	001007-48-3	47
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	47
5	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	47





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Misc :
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Instrument : BNA_G
ClientSampleId : VNJ-237

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
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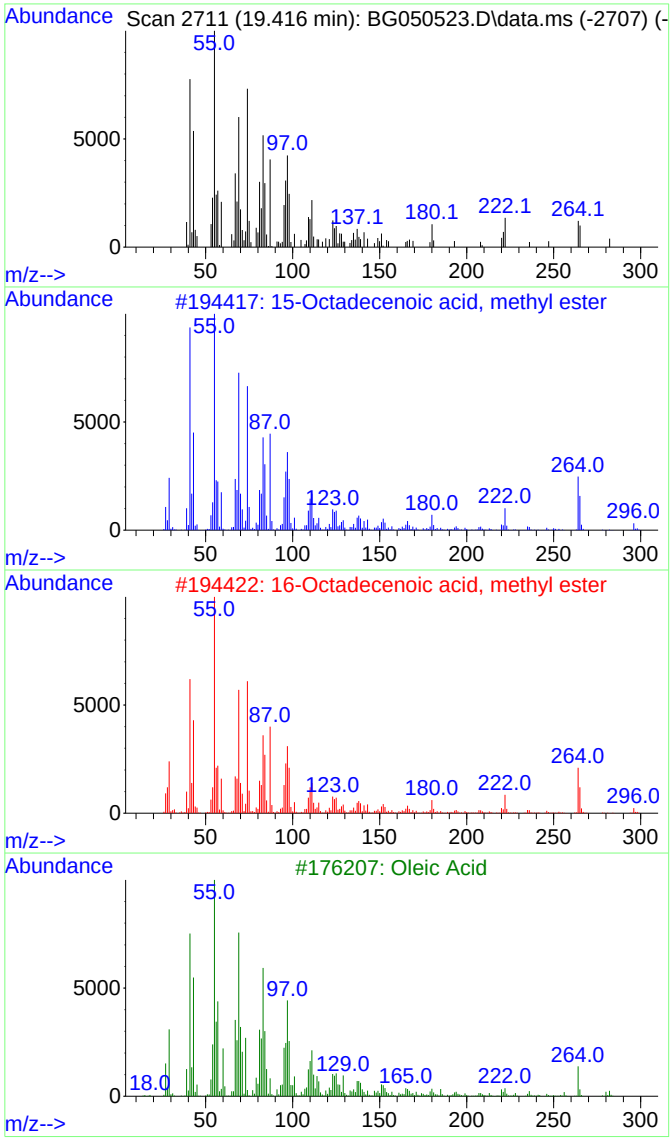
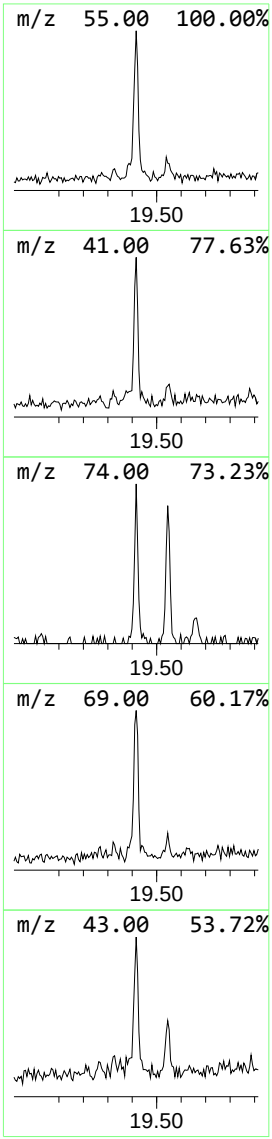
****
Peak Number 3 15-Octadecenoic acid, methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	2.21 ng	103448	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
3	Oleic Acid	282	C18H34O2	000112-80-1	89
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	87





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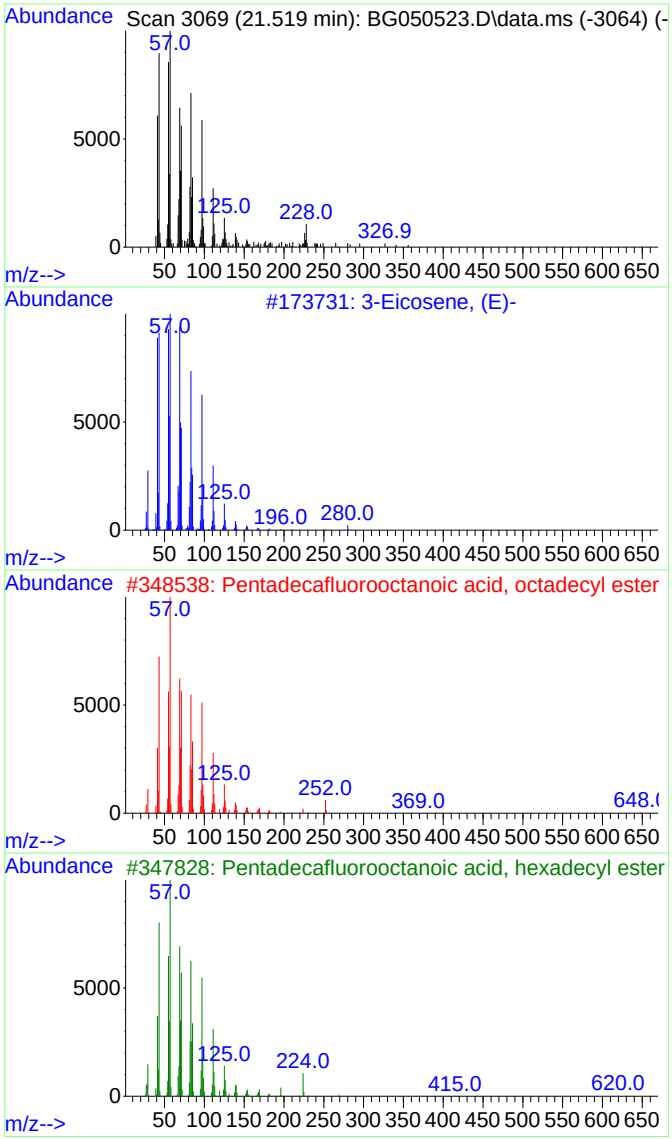
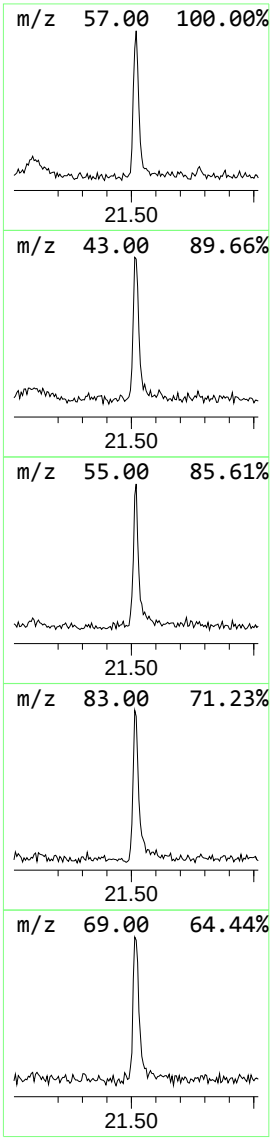
****

Peak Number 6 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.519	3.60 ng	170153	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.832	25.2	ng	741020	2	11.084	587161	20.0
2,4,7,9-Tetrame...	13.746	2.5	ng	100639	3	14.874	801155	20.0
15-Octadecenoic...	19.416	2.2	ng	103448	4	17.618	937860	20.0
3-Eicosene, (E)-	21.519	3.6	ng	170153	5	21.919	946408	20.0