LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040007.D
Acq On : 19 Mar 2019 17:59
Operator : JU/SJ
Sample : K1958-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

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-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.191	13	17	26	rBV	93533	191365	7.39%	1.195%
2	3.267	26	30	40	rVB	152523	224078	8.65%	1.400%
3	5.687	434	442	457	rVB	757361	1237138	47.75%	7.728%
4	7.291	707	715	726	rBV	793750	1394759	53.83%	8.713%
5	7.673	772	780	794	rBV	762274	1300430	50.19%	8.123%
6	8.143	853	860	868	rBV	154228	264102	10.19%	1.650%
7	8.466	908	915	923	rBV	499033	878879	33.92%	5.490%
8	9.318	1053	1060	1069	rBV	452845	830396	32.05%	5.187%
9	10.963	1332	1340	1349	rBV	208887	375030	14.47%	2.343%
10	13.395	1747	1754	1764	rVB	1053187	1666665	64.32%	10.411%
11	14.211	1886	1893	1898	rBV	105187	151087	5.83%	0.944%
12	14.769	1981	1988	1997	rVB2	342637	545842	21.07%	3.410%
13	16.255	2234	2241	2254	rBV	1019706	1466155	56.59%	9.159%
14	17.513	2449	2455	2462	rBV2	449291	685165	26.44%	4.280%
15	18.364	2594	2600	2612	rBV3	42212	82675	3.19%	0.516%
16	20.109	2891	2897	2903	rVB	1981640	2591009	100.00%	16.185%
17	21.390	3109	3115	3132	rBV3	72836	222345	8.58%	1.389%
18	21.801	3178	3185	3192	rBV	485436	823110	31.77%	5.142%
19	22.565	3310	3315	3320	rBV2	22986	35164	1.36%	0.220%
20	23.281	3430	3437	3444	rBV4	29687	58797	2.27%	0.367%
21	24.104	3573	3577	3587	rVB3	33037	74605	2.88%	0.466%
22	25.085	3738	3744	3746	rBV5	25535	42820	1.65%	0.267%
23	25.161	3748	3757	3771	rVB	278994	794932	30.68%	4.966%
24	26.271	3938	3946	3957	rVB5	23082	71807	2.77%	0.449%

Sum of corrected areas: 16008355

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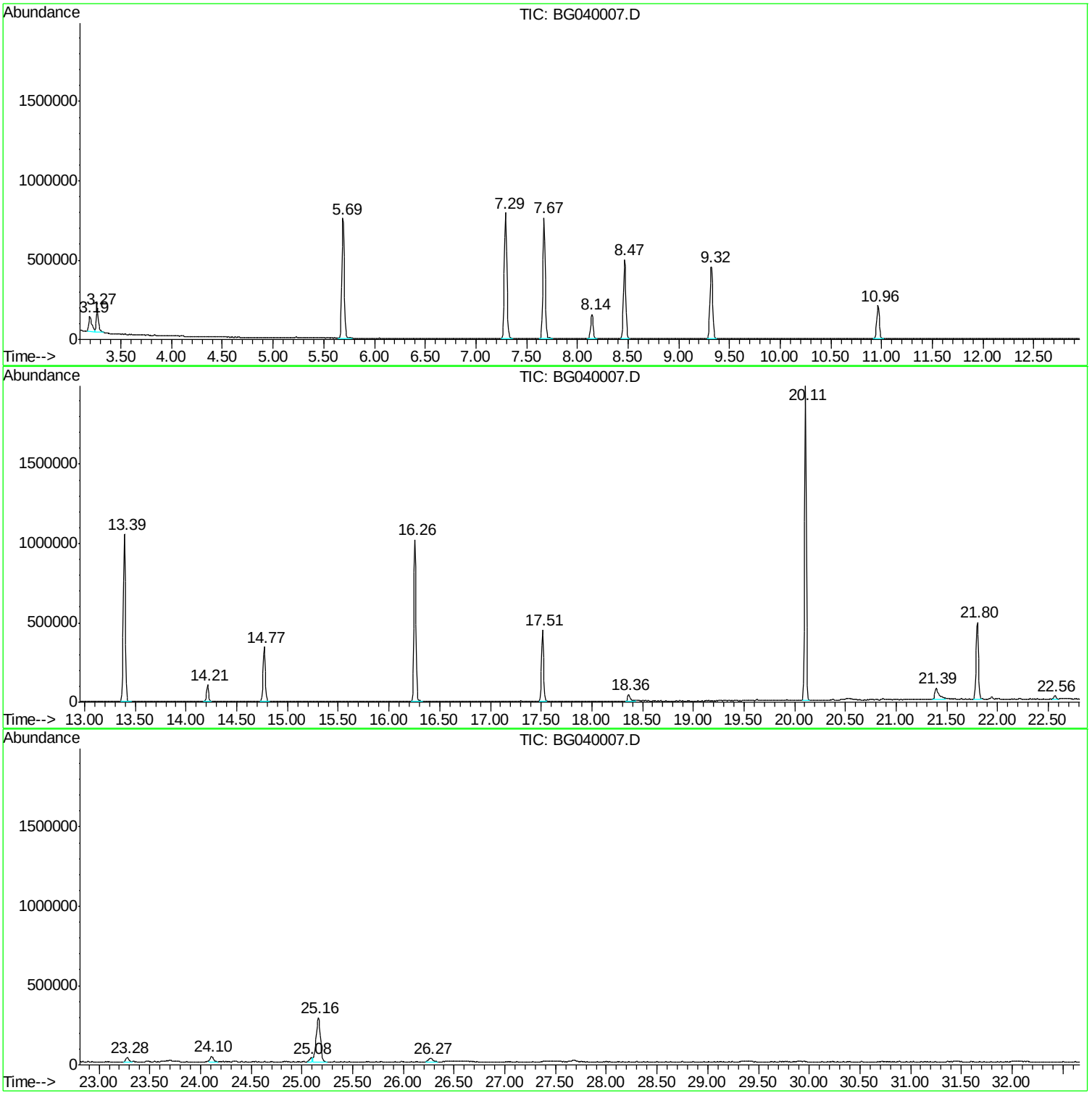
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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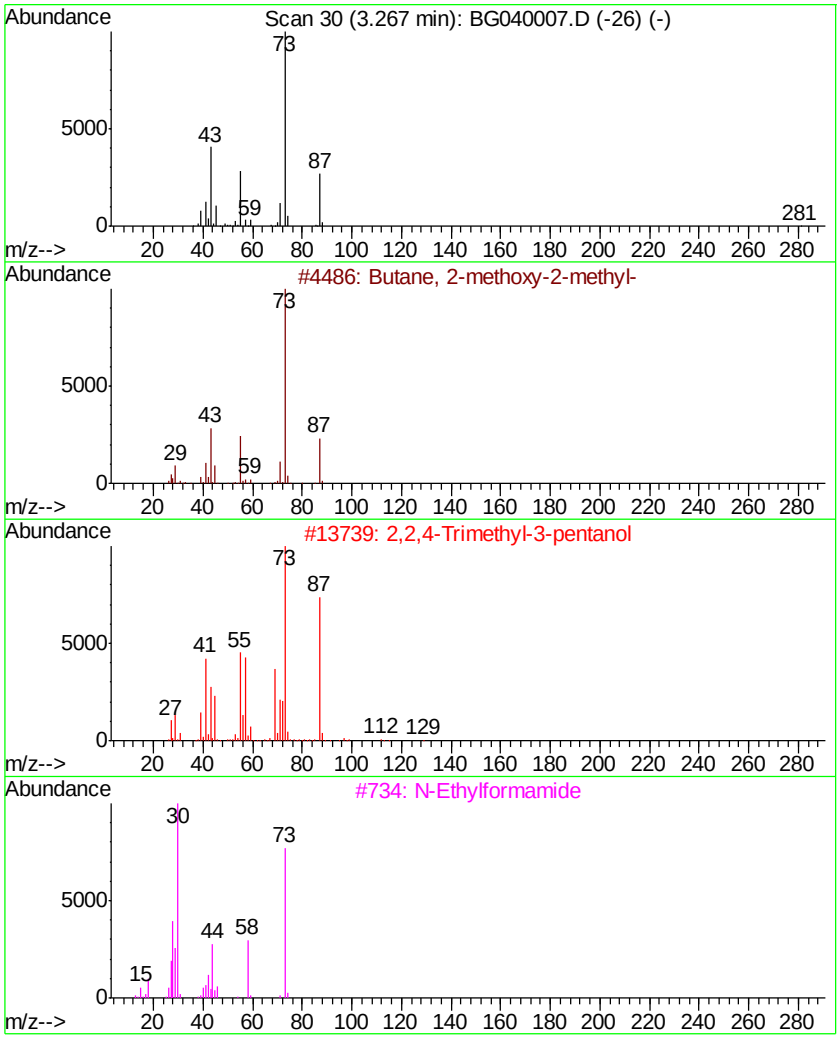
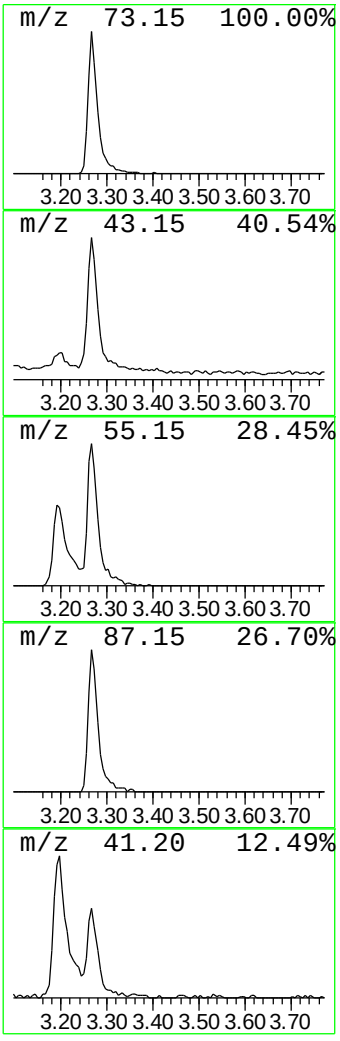
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	16.97 ng	224078	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





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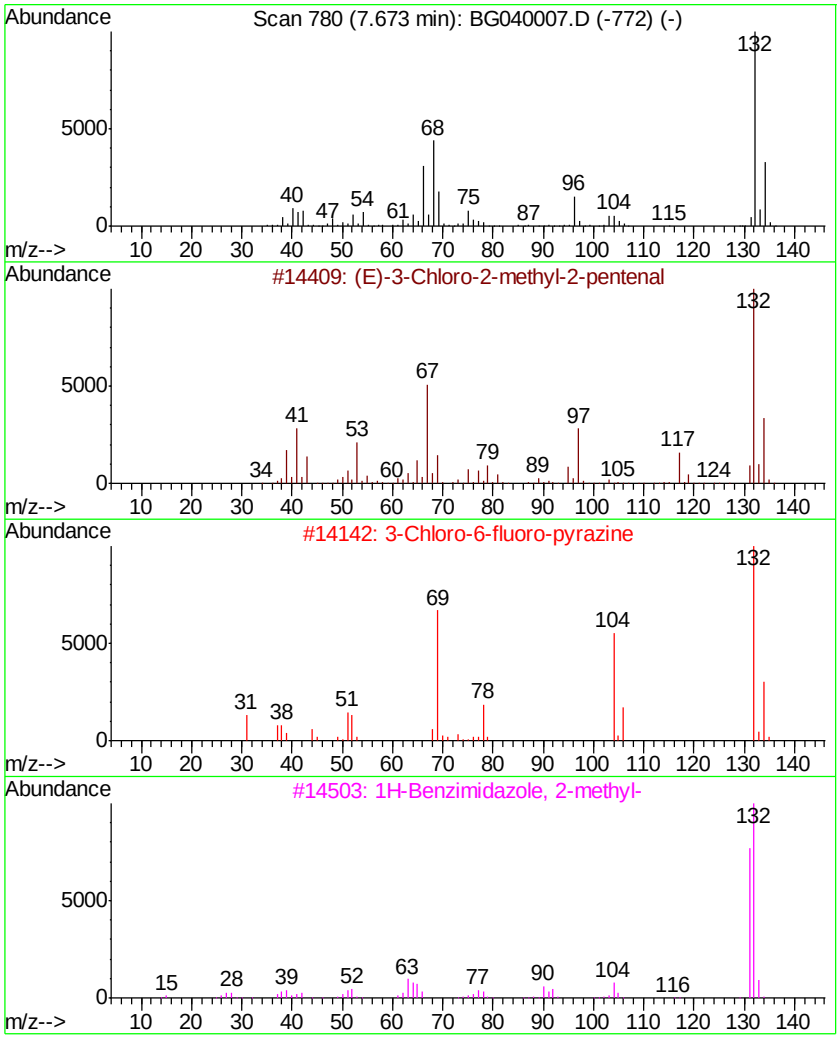
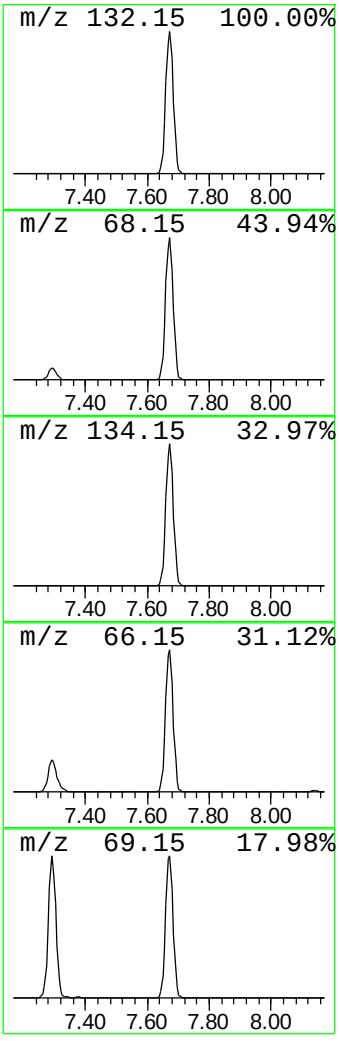
****

Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	98.48 ng	1300430	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Sample : K1958-01
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Instrument : BNA_G
ClientSampleId : TP-1

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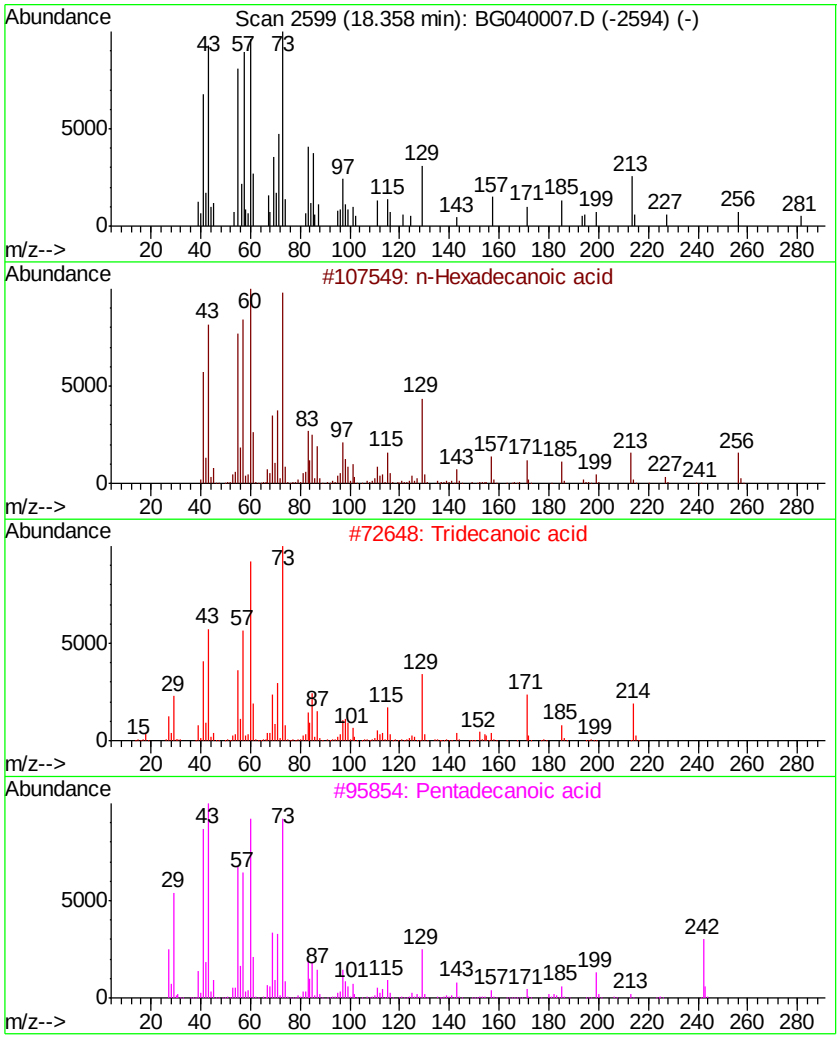
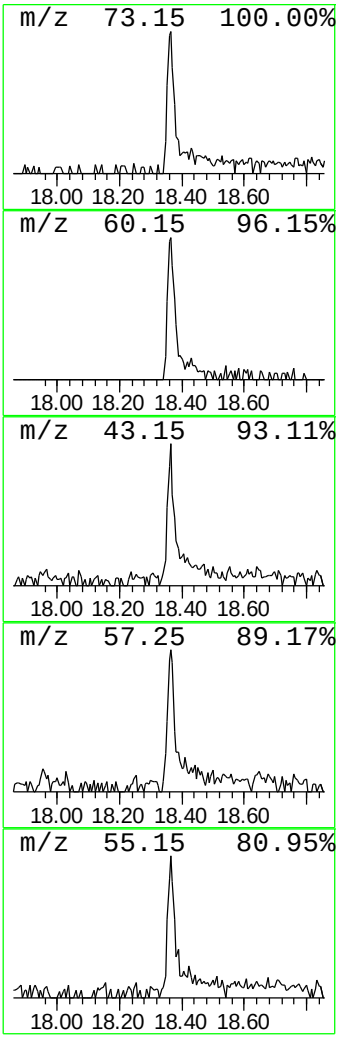
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.41 ng	82675	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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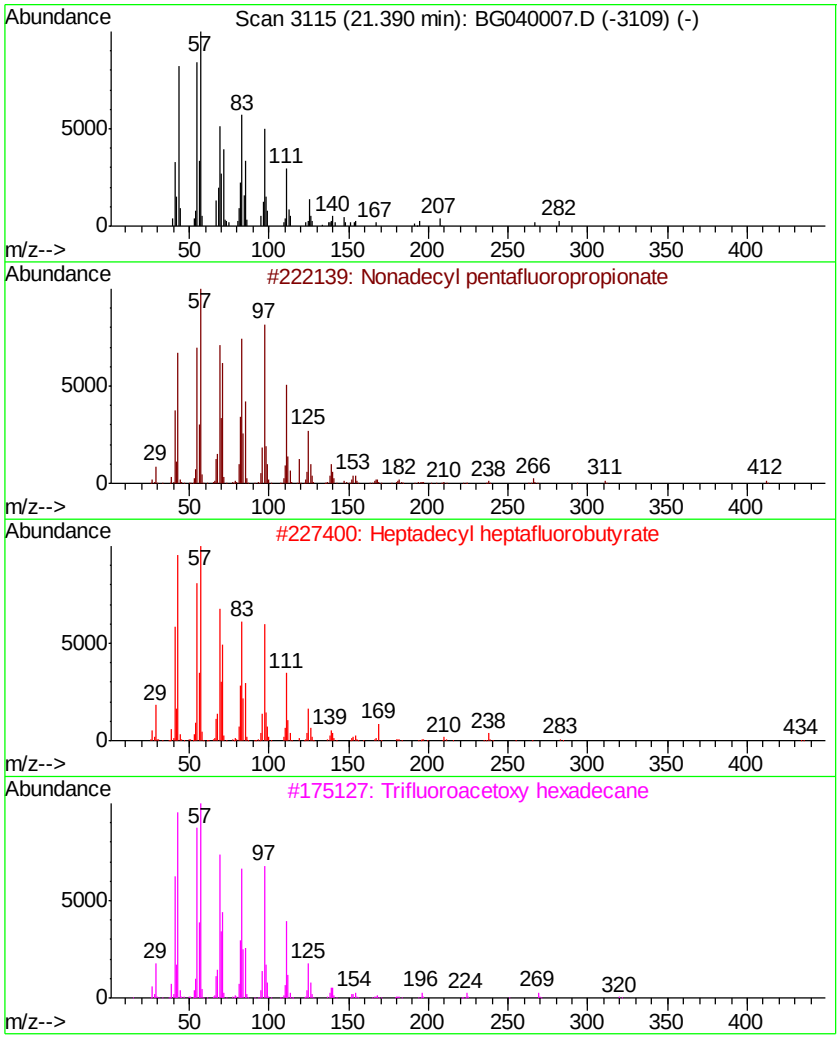
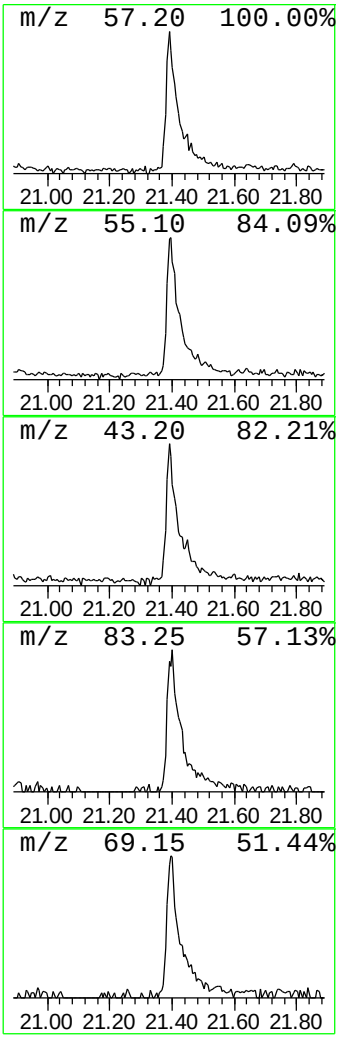
****

Peak Number 6 Nonadecyl pentafluoropropio... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	5.40 ng	222345	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.27	17.0	ng	224078	1	8.14	264102	20.0
unknown7.67	7.67	98.5	ng	1300430	1	8.14	264102	20.0
n-Hexadecanoic acid	18.36	2.4	ng	82675	4	17.51	685165	20.0
Nonadecyl pentafl...	21.39	5.4	ng	222345	5	21.80	823110	20.0