LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043068.D
Acq On : 7 Oct 2019 15:20
Operator : JU
Sample : PB123604BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123604BL

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-BG092519.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	3.161	8	12	18	rBV2	41721	71124	1.25%	0.320%
2	3.244	21	26	34	rVB	48837	72511	1.27%	0.327%
3	5.641	427	434	443	rBV	746620	1232544	21.67%	5.554%
4	7.227	696	704	718	rBV	820291	1451843	25.53%	6.542%
5	7.597	758	767	777	rBV	780185	1386657	24.38%	6.248%
6	8.056	837	845	853	rBV	161504	280335	4.93%	1.263%
7	8.379	891	900	909	rBV	589759	1069638	18.81%	4.820%
8	9.219	1034	1043	1053	rBV	467691	863687	15.19%	3.892%
9	10.858	1313	1322	1330	rBV	200442	374631	6.59%	1.688%
10	13.302	1731	1738	1750	rBV	1568825	2389584	42.02%	10.767%
11	14.125	1873	1878	1887	rBV	90637	128399	2.26%	0.579%
12	14.677	1965	1972	1986	rVB	392609	624212	10.98%	2.813%
13	16.164	2218	2225	2241	rBV	1634278	2505351	44.05%	11.289%
14	17.421	2432	2439	2449	rBV2	586764	923537	16.24%	4.161%
15	18.308	2584	2590	2599	rBV2	103876	162621	2.86%	0.733%
16	20.030	2877	2883	2893	rBV	4295948	5687402	100.00%	25.626%
17	21.340	3101	3106	3115	rBV8	47404	132202	2.32%	0.596%
18	21.411	3115	3118	3129	rVB3	35937	73472	1.29%	0.331%
19	21.687	3159	3165	3177	rVB2	710546	1183931	20.82%	5.335%
20	23.185	3414	3420	3427	rBV3	34518	70065	1.23%	0.316%
21	23.990	3552	3557	3567	rVB5	37177	86018	1.51%	0.388%
22	24.906	3702	3713	3726	rBV2	425771	1325190	23.30%	5.971%
23	26.070	3903	3911	3919	rBV6	33083	98804	1.74%	0.445%

Sum of corrected areas: 22193758

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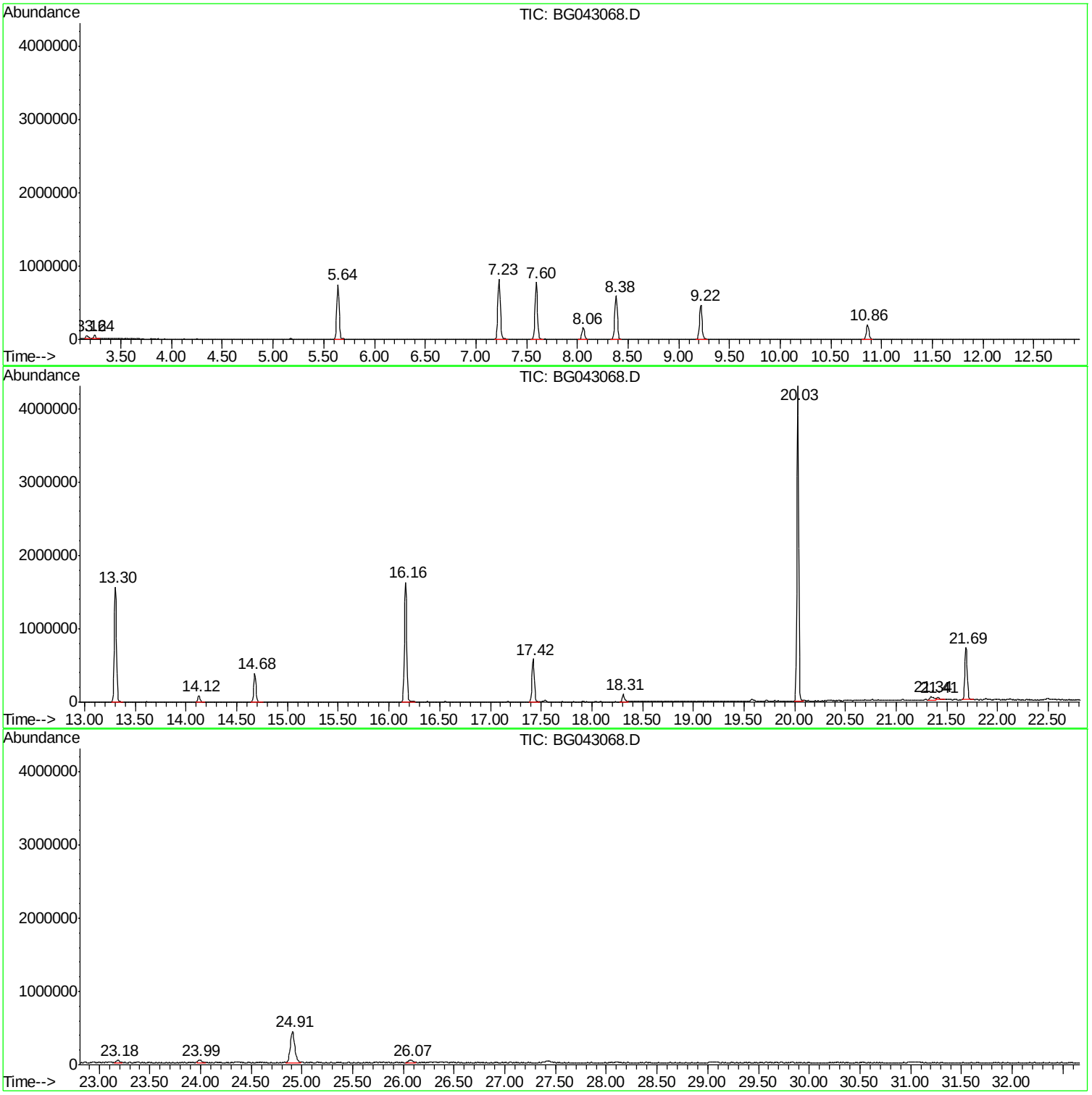
Instrument :
BNA_G
ClientSampleId :
PB123604BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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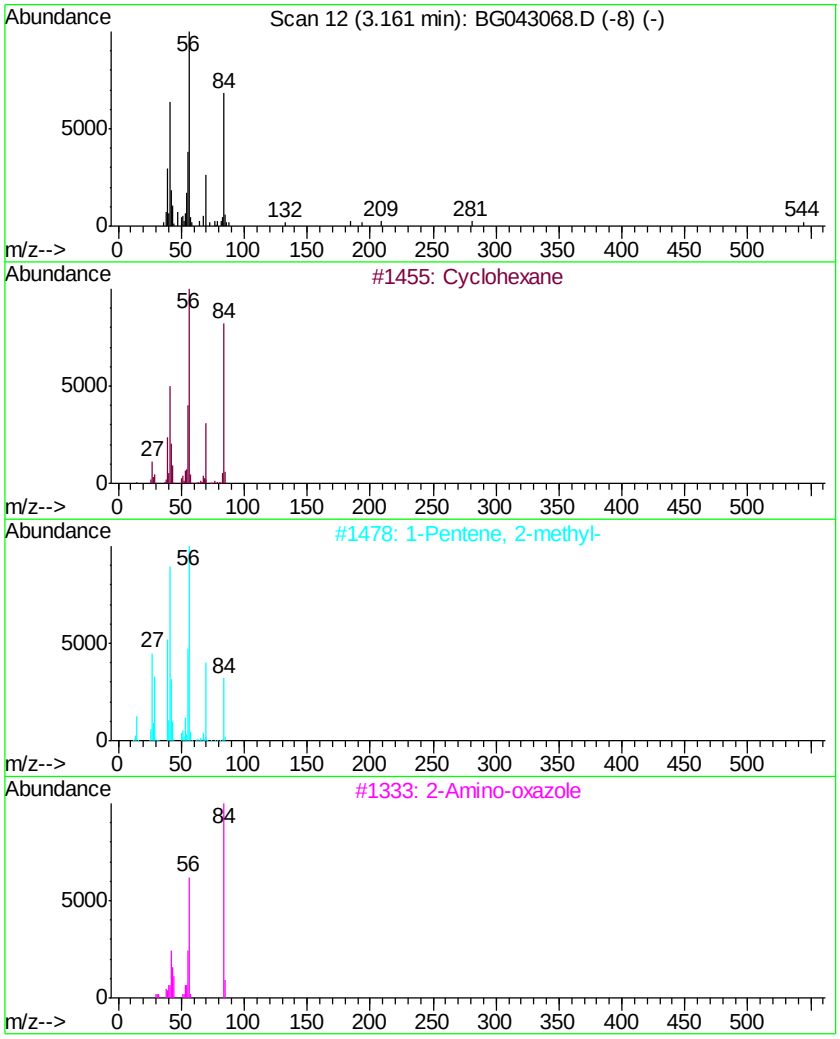
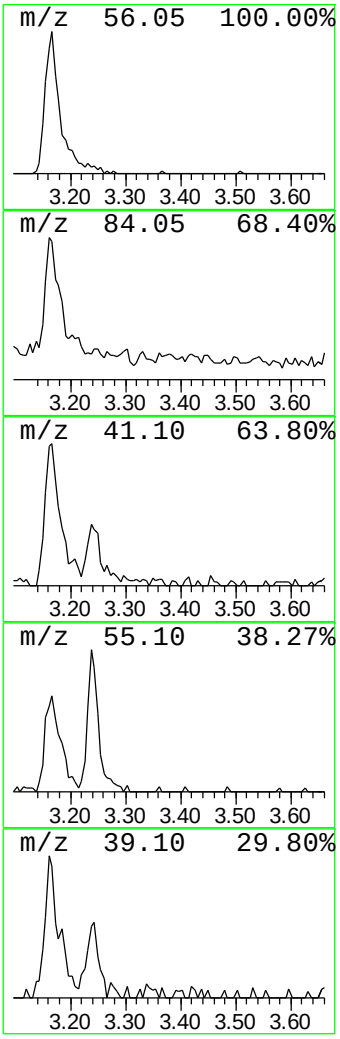
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	5.07 ng	71124	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	78
4	2-Acetylpiperidine	127	C7H13NO	097073-22-8	56
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50





Library Search Compound Report

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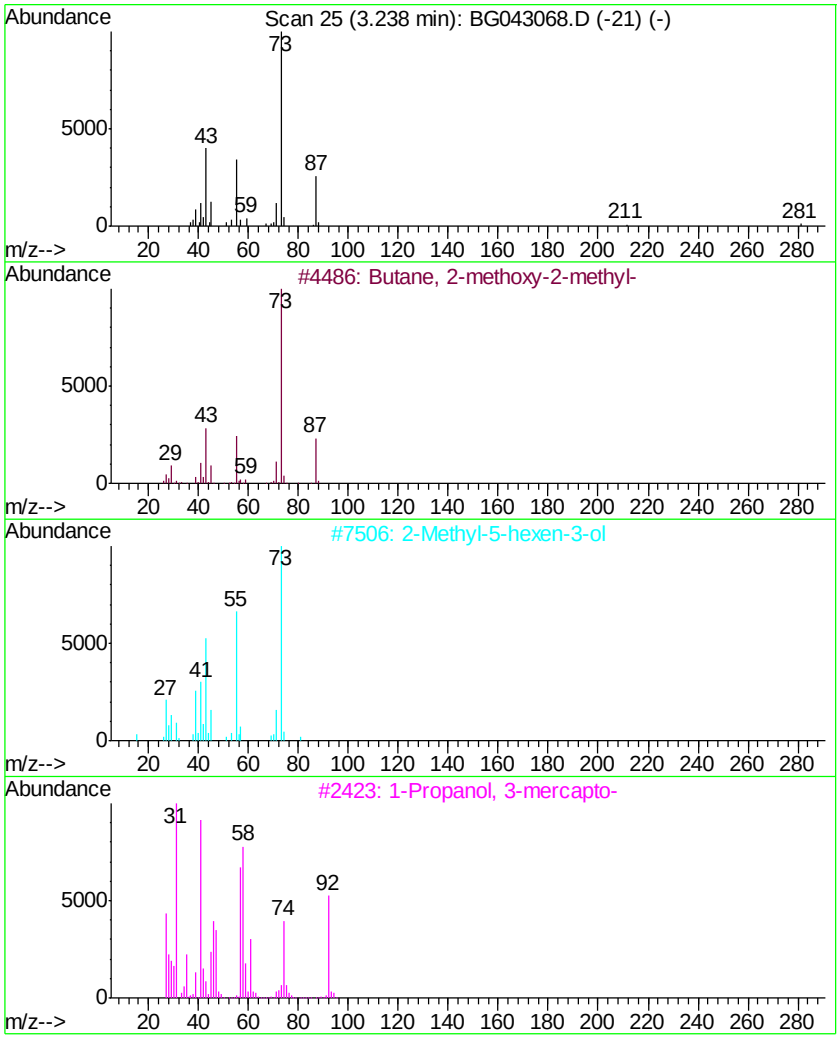
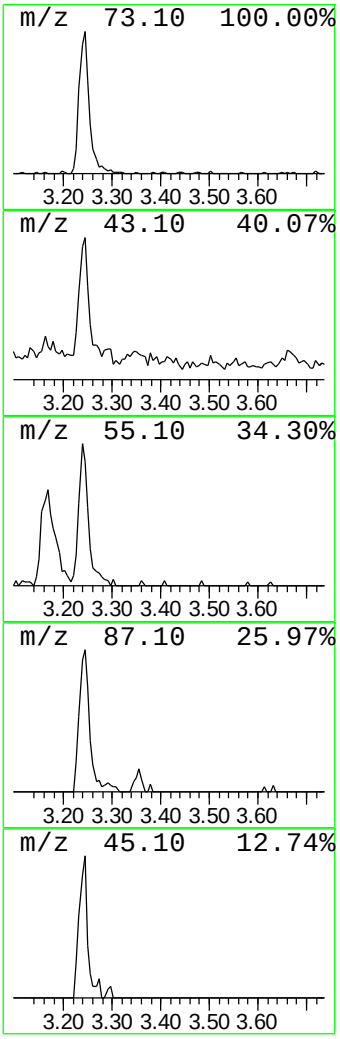
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	5.17 ng	72511	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
3	1-Propanol, 3-mercapto-	92	C3H8OS	019721-22-3	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123604BL

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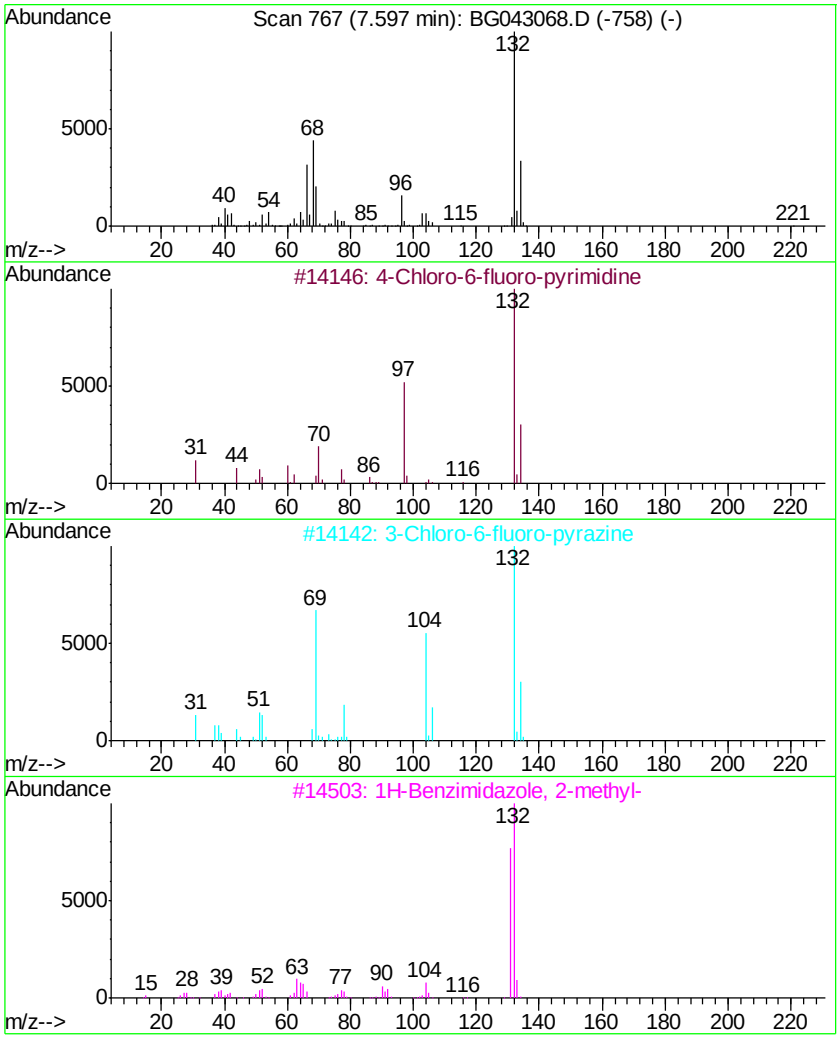
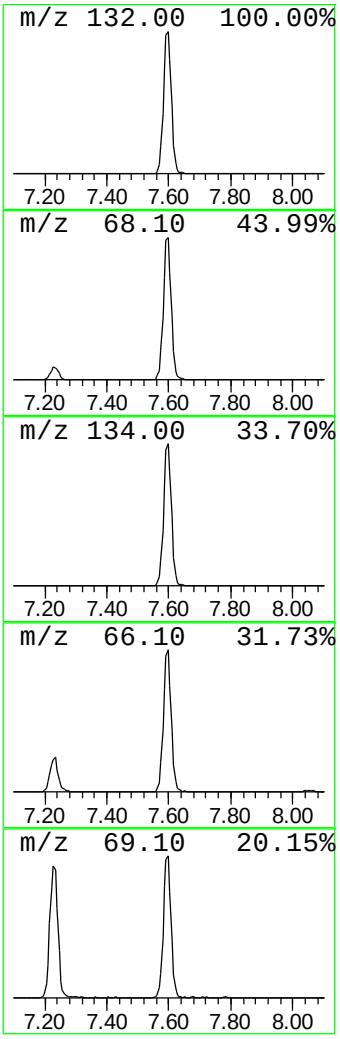
****

Peak Number 3 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	98.93 ng	1386660	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	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	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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TIC Library : C:\Database\NIST11.L
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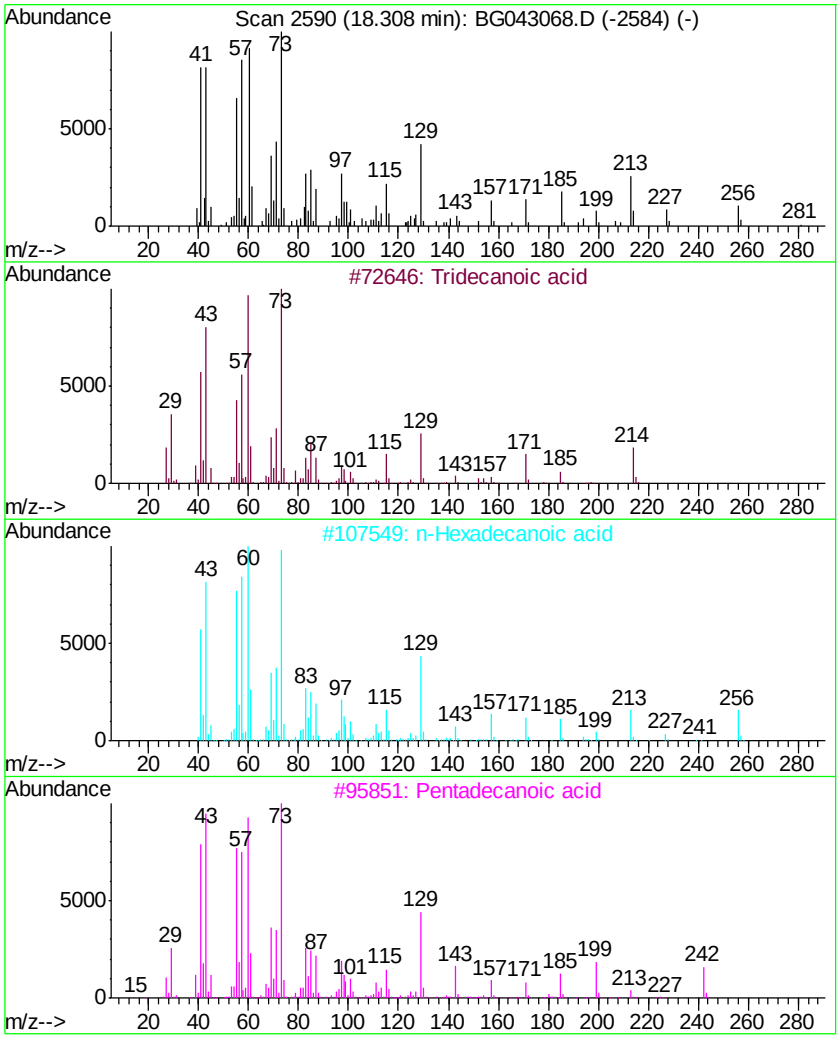
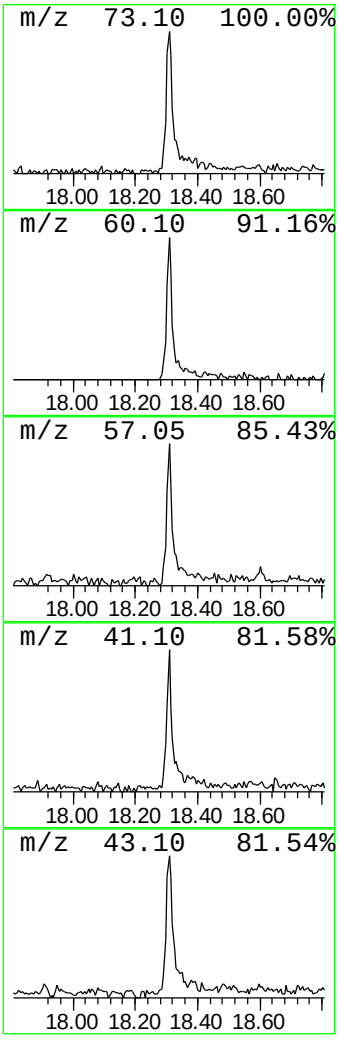
****

Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.52 ng	162621	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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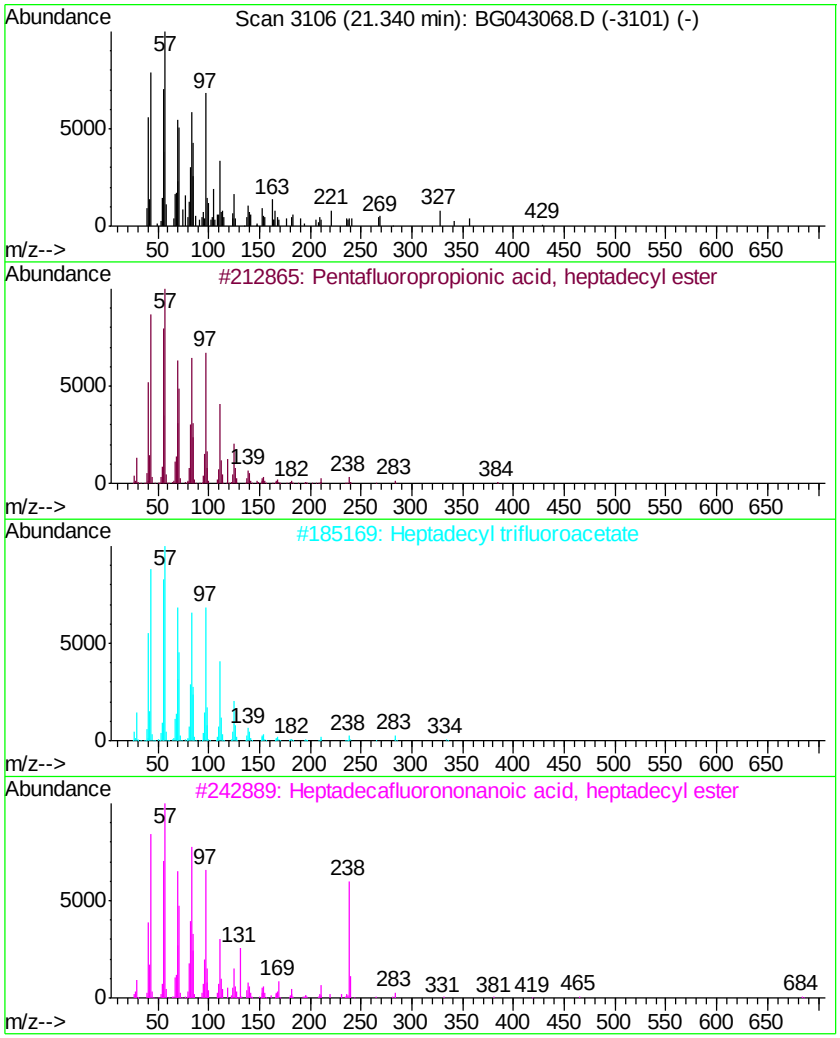
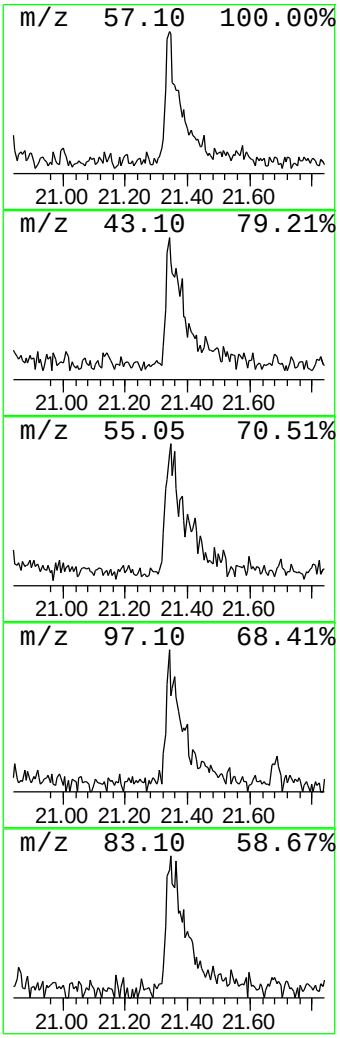
****

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.23 ng	132202	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	83
3	Heptadecafluorononanoic acid, he...	702	C26H35F17O2	1000356-03-3	83
4	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	81
5	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	81





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.16	5.1	ng	71124	1	8.06	280335	20.0
Butane, 2-methoxy...	3.24	5.2	ng	72511	1	8.06	280335	20.0
unknown7.60	7.60	98.9	ng	1386660	1	8.06	280335	20.0
Tridecanoic acid	18.31	3.5	ng	162621	4	17.42	923537	20.0
Pentafluoropropio...	21.34	2.2	ng	132202	5	21.69	1183930	20.0