LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040960.D
Acq On : 30 May 2019 21:27
Operator : HP/JU
Sample : K3075-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-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-BG052919.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	3.130	3	7	15	rVB	103432	214449	4.58%	0.749%
2	3.207	15	20	34	rVB	404193	686812	14.66%	2.399%
3	5.657	428	437	449	rBV	1330429	2117899	45.22%	7.397%
4	7.267	703	711	721	rBV	1402476	2430912	51.90%	8.490%
5	7.649	768	776	790	rBV	1344898	2296468	49.03%	8.021%
6	8.124	848	857	869	rBV	237279	421657	9.00%	1.473%
7	8.448	904	912	922	rBV	943591	1621178	34.61%	5.662%
8	9.300	1048	1057	1069	rBV	846417	1510822	32.26%	5.277%
9	10.945	1329	1337	1344	rBV	310349	537918	11.49%	1.879%
10	13.377	1742	1751	1759	rBV	1877771	2979951	63.63%	10.408%
11	14.194	1882	1890	1896	rBV	268979	387582	8.28%	1.354%
12	14.752	1976	1985	1993	rBV2	494170	800027	17.08%	2.794%
13	16.239	2230	2238	2251	rBV	1952667	3000156	64.06%	10.478%
14	17.496	2445	2452	2461	rBV	760941	1117370	23.86%	3.903%
15	18.348	2588	2597	2608	rBV3	209264	321800	6.87%	1.124%
16	19.611	2807	2812	2818	rBV2	66195	102718	2.19%	0.359%
17	20.093	2887	2894	2900	rBV	3553997	4683458	100.00%	16.358%
18	21.374	3107	3112	3117	rBV3	82822	131857	2.82%	0.461%
19	21.773	3173	3180	3188	rBV2	791349	1315329	28.08%	4.594%
20	21.926	3202	3206	3211	rVB2	32219	48658	1.04%	0.170%
21	22.549	3307	3312	3315	rBV4	43727	78623	1.68%	0.275%
22	23.260	3428	3433	3439	rBV3	52515	97658	2.09%	0.341%
23	23.454	3460	3466	3475	rVB2	122808	241620	5.16%	0.844%
24	24.082	3568	3573	3581	rVB3	43725	94625	2.02%	0.330%
25	25.110	3735	3748	3760	rVB2	431751	1326199	28.32%	4.632%
26	26.239	3934	3940	3948	rVB5	27767	65863	1.41%	0.230%

Sum of corrected areas: 28631609

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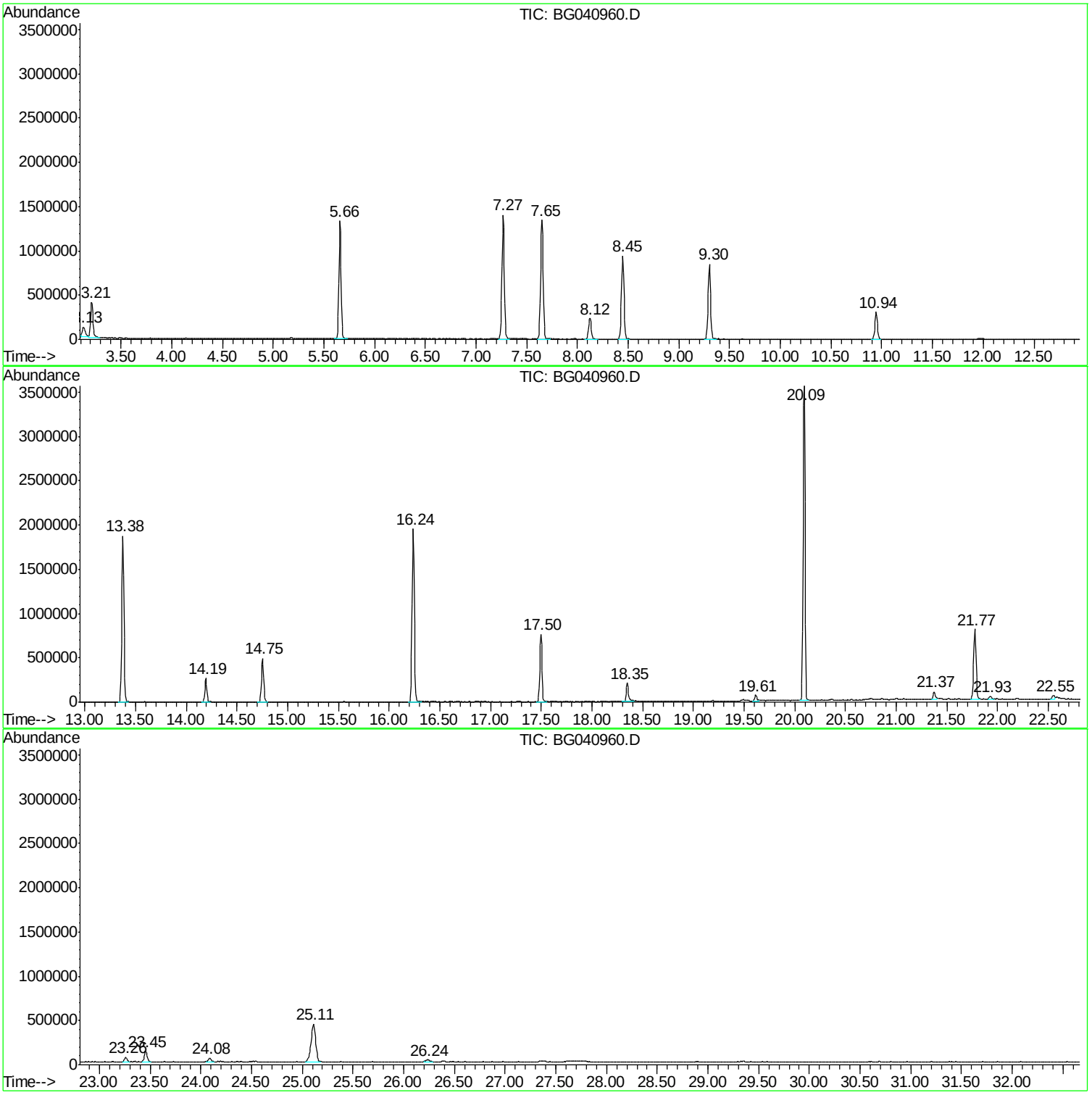
ClientSampleId :
TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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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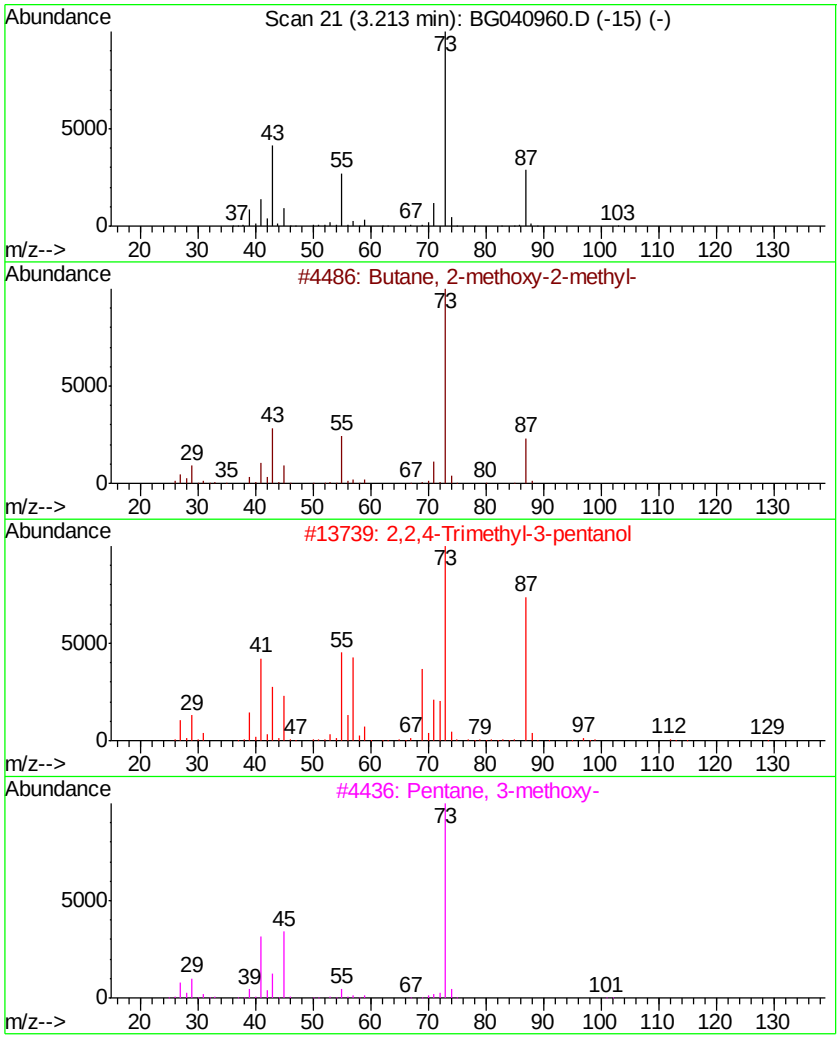
TIC Integration Parameters: LSCINT.P

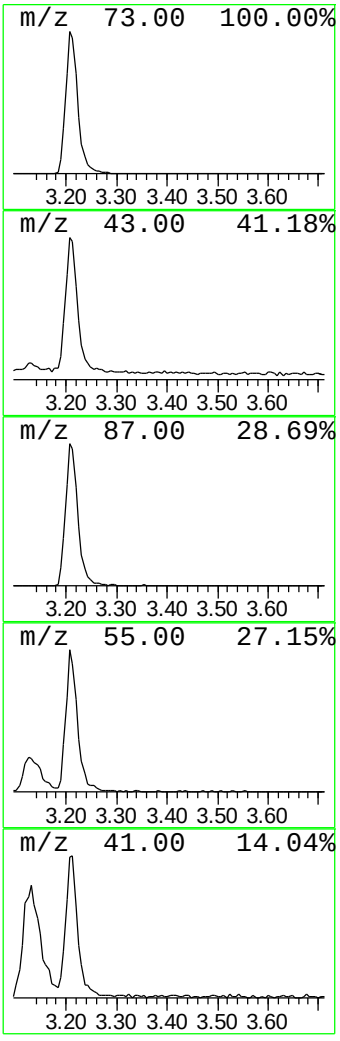
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	32.58 ng	686812	1,4-Dichlorobenzene-d4	8.12

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	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





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Instrument : BNA_G
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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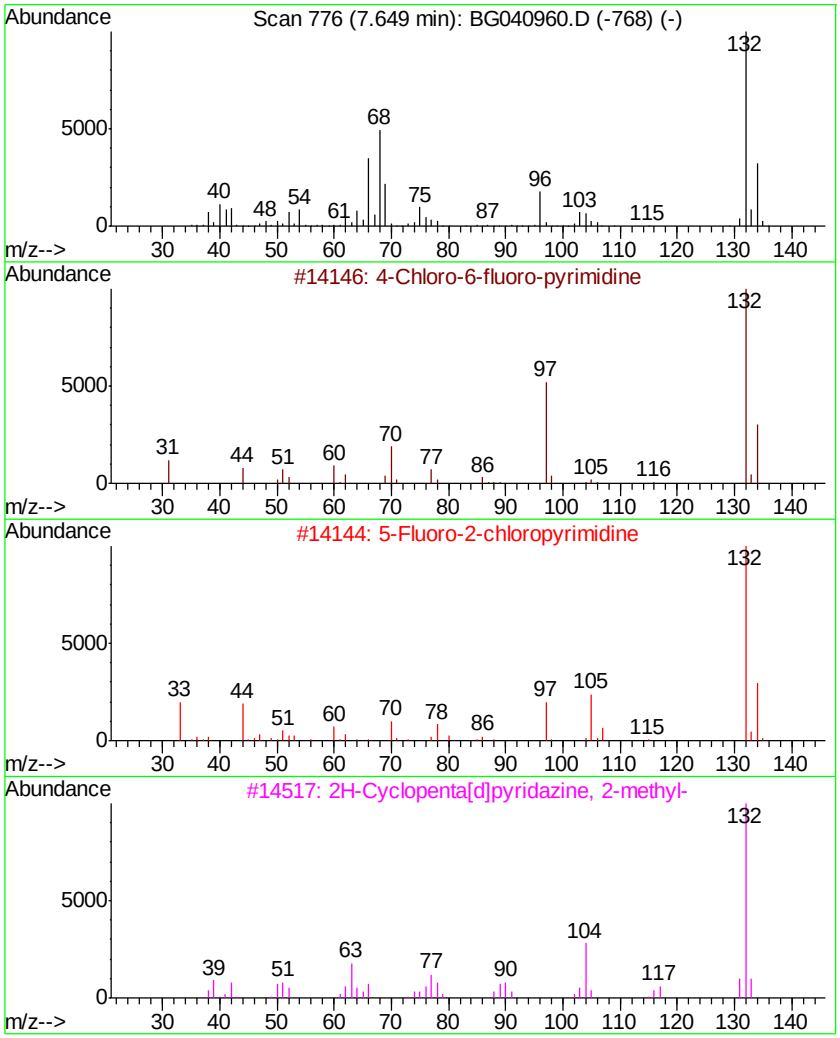
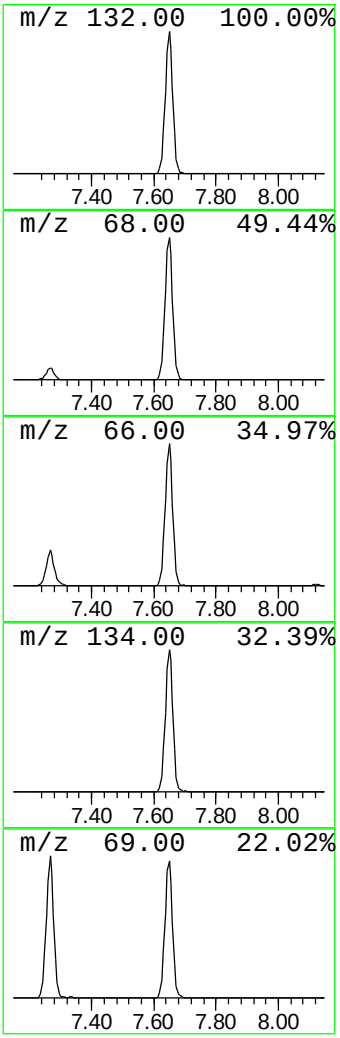
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	108.93 ng	2296470	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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ClientSampleId : TEST-PIT-1

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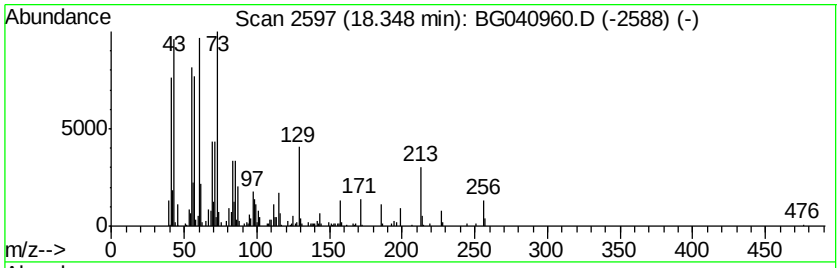
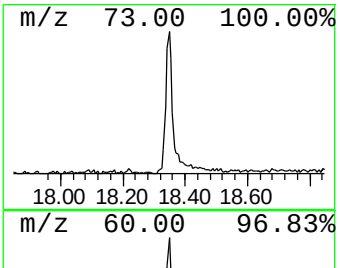
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	5.76 ng	321800	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Misc :
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Instrument : BNA_G
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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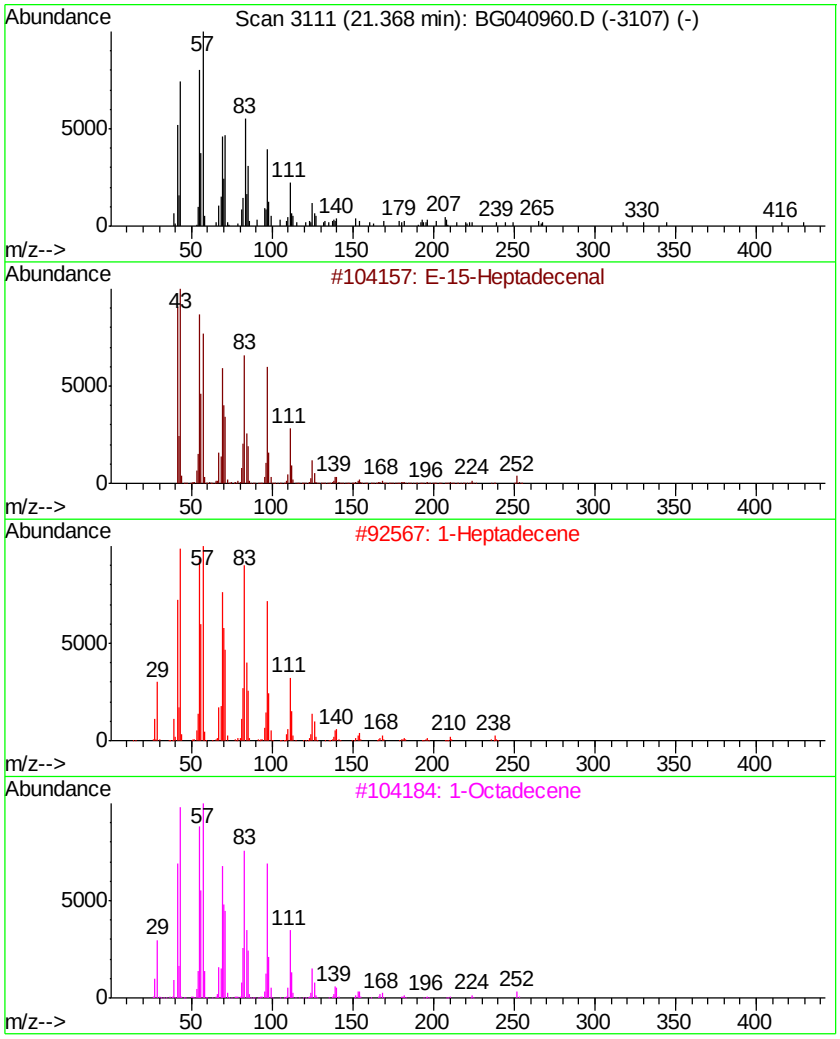
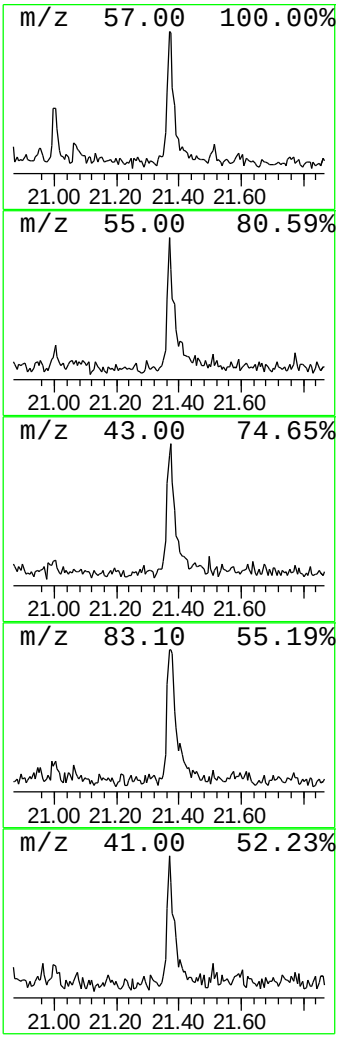
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.00 ng	131857	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
2	1-Heptadecene	238	C17H34	006765-39-5	86
3	1-Octadecene	252	C18H36	000112-88-9	86
4	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	86
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	81





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Instrument : BNA_G
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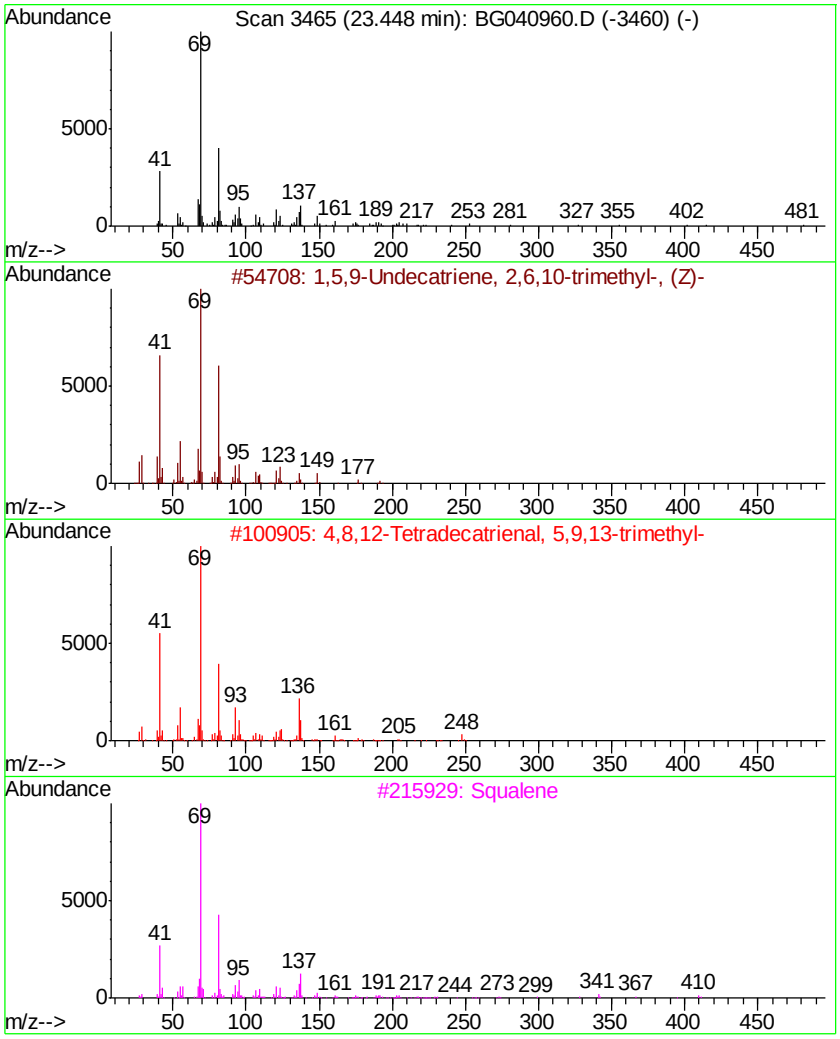
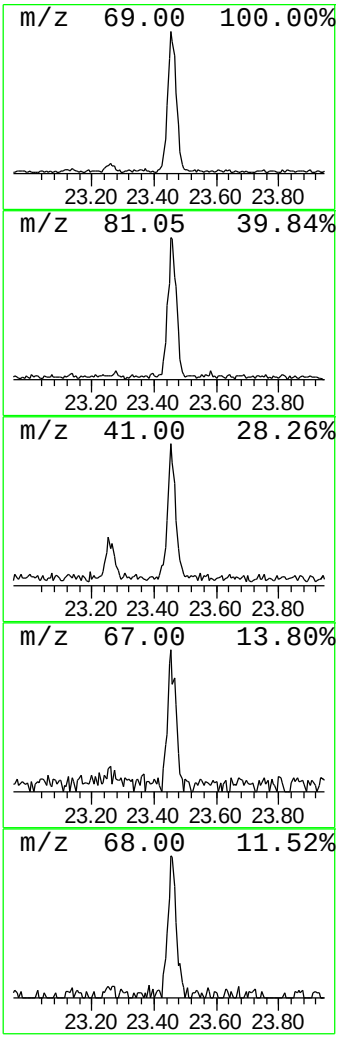
****

Peak Number 7 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.45	3.64 ng	241620	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
2	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
3	Squalene	410	C30H50	000111-02-4	78
4	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
5	Supraene	410	C30H50	007683-64-9	68





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...	3.21	32.6	ng	686812	1	8.12	421657	20.0
unknown7.65	7.65	108.9	ng	2296470	1	8.12	421657	20.0
n-Hexadecanoic acid	18.35	5.8	ng	321800	4	17.50	1117370	20.0
E-15-Heptadecenal	21.37	2.0	ng	131857	5	21.77	1315330	20.0
1,5,9-Undecatrien...	23.45	3.6	ng	241620	6	25.11	1326200	20.0