LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042792.D
Acq On : 12 Sep 2019 21:30
Operator : HP/JU
Sample : K4852-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BUS-2(0-5)

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-BG091219.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	3.217	16	22	31	rBV	185394	368513	9.63%	1.558%
2	3.293	31	35	44	rVB	343730	507913	13.28%	2.147%
3	5.685	435	442	452	rBV	946367	1523898	39.84%	6.442%
4	7.265	704	711	720	rBV	1040505	1782633	46.60%	7.536%
5	7.653	769	777	785	rBV	902923	1586368	41.47%	6.706%
6	8.123	847	857	864	rBV	279083	493849	12.91%	2.088%
7	8.446	903	912	923	rBV	671826	1191573	31.15%	5.037%
8	9.274	1044	1053	1061	rBV	567035	1008808	26.37%	4.264%
9	10.931	1327	1335	1342	rVB	358091	662993	17.33%	2.803%
10	13.364	1742	1749	1757	rBV	1428813	2246713	58.74%	9.497%
11	14.181	1882	1888	1894	rBV	117314	173854	4.55%	0.735%
12	14.739	1976	1983	1992	rVB2	603423	945740	24.72%	3.998%
13	16.213	2227	2234	2247	rBV	1225870	1940096	50.72%	8.201%
14	17.477	2443	2449	2456	rBV2	821827	1238634	32.38%	5.236%
15	18.370	2597	2601	2611	rBV2	134607	207488	5.42%	0.877%
16	19.639	2813	2817	2821	rBV4	39168	50890	1.33%	0.215%
17	20.085	2887	2893	2899	rVB	3047780	3825112	100.00%	16.169%
18	21.407	3114	3118	3127	rBV2	203680	329064	8.60%	1.391%
19	21.754	3171	3177	3187	rVB	874202	1467418	38.36%	6.203%
20	21.983	3212	3216	3220	rBV3	30371	41006	1.07%	0.173%
21	22.618	3319	3324	3329	rBV3	54323	97154	2.54%	0.411%
22	23.334	3440	3446	3456	rVB3	58592	125278	3.28%	0.530%
23	23.522	3474	3478	3486	rVB3	38540	75631	1.98%	0.320%
24	24.163	3581	3587	3595	rBV3	49468	113619	2.97%	0.480%
25	25.027	3724	3734	3749	rVB3	500302	1426604	37.30%	6.031%
26	25.156	3749	3756	3764	rVB4	41251	107124	2.80%	0.453%
27	26.331	3953	3956	3965	rVB6	28826	63204	1.65%	0.267%
28	26.431	3968	3973	3984	rVB6	16293	55226	1.44%	0.233%

Sum of corrected areas: 23656403

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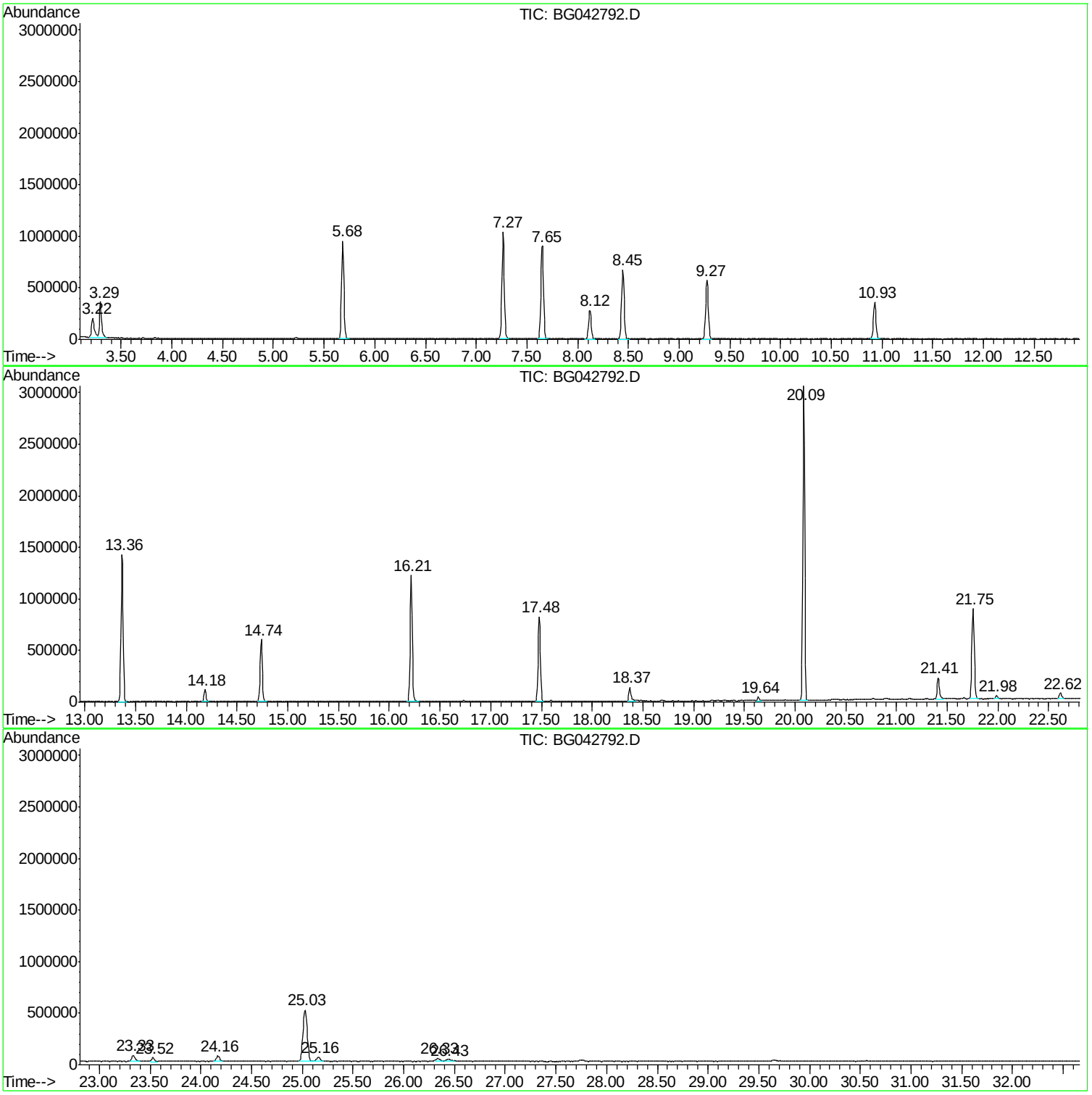
BNA_G
ClientSampleId :
BUS-2(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.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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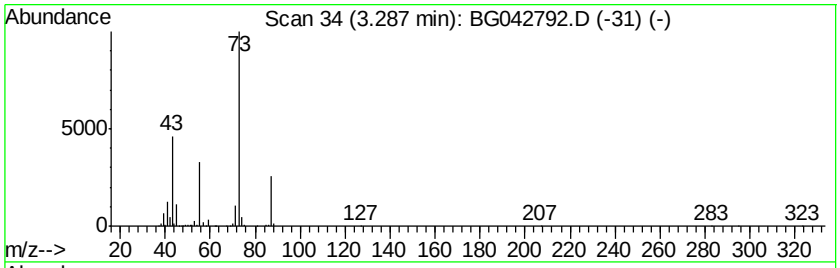
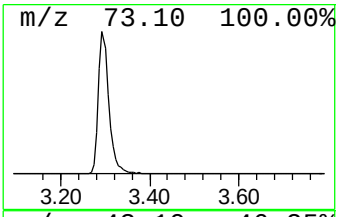
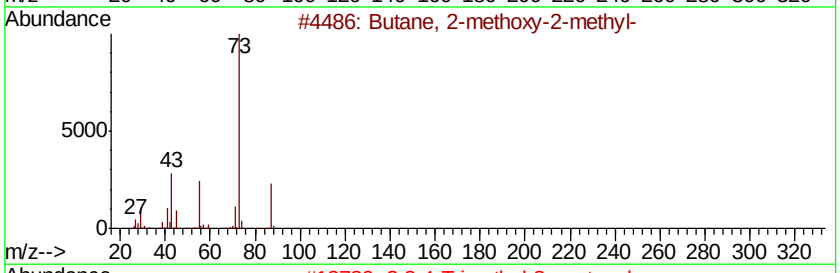
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

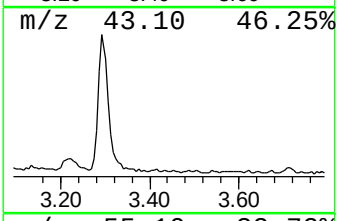
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	20.57 ng	507913	1,4-Dichlorobenzene-d4	8.12

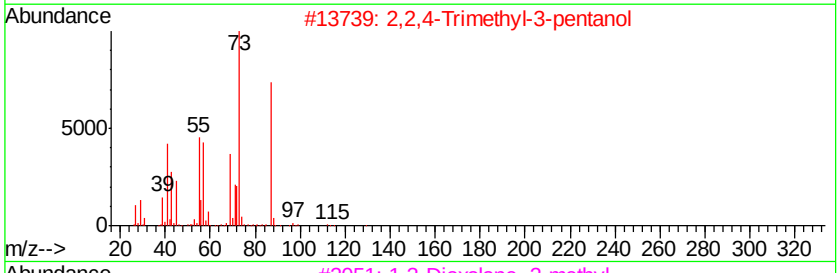
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9

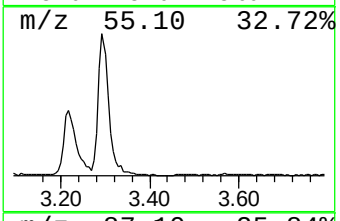


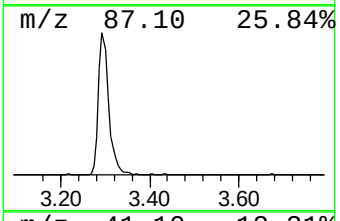


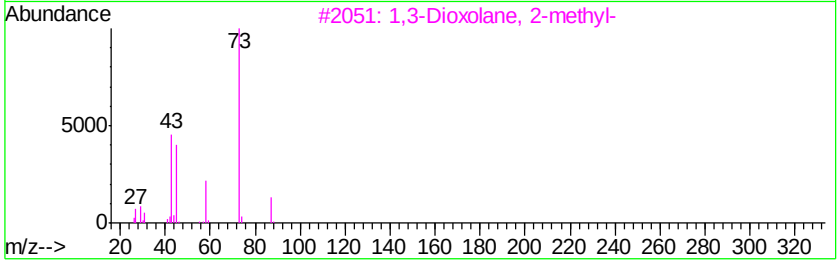


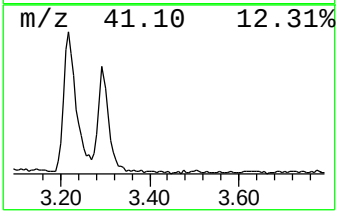












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ClientSampleId : BUS-2(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

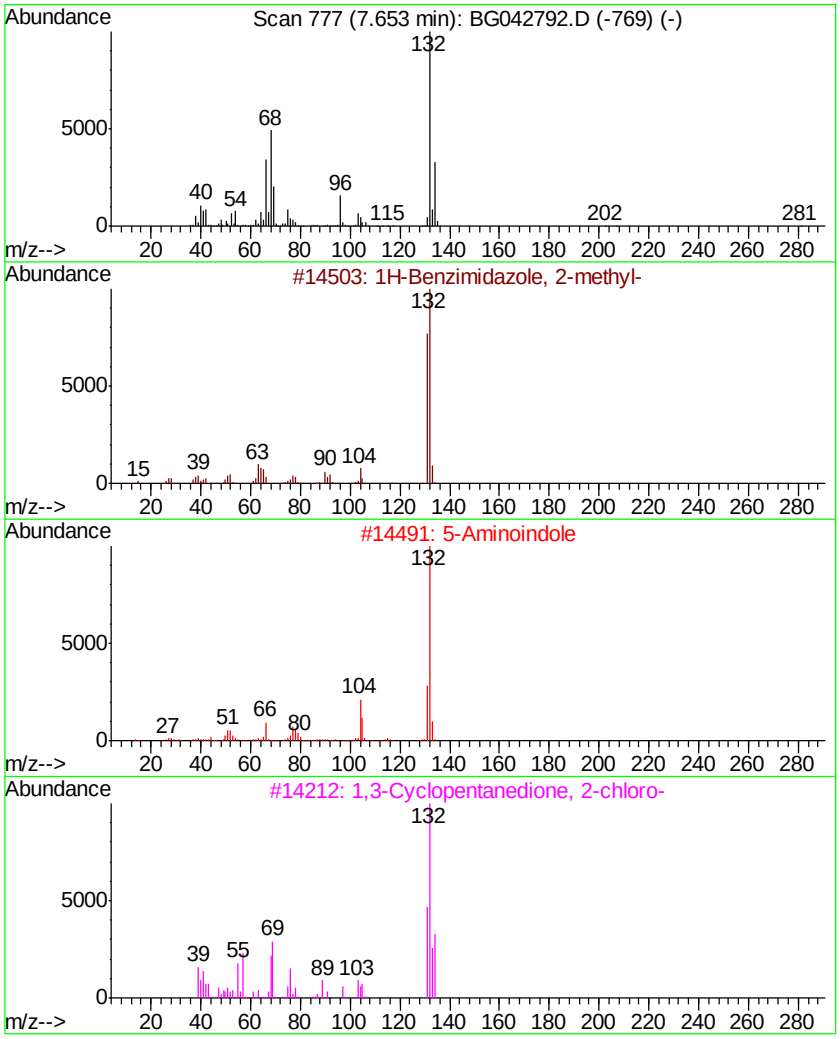
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

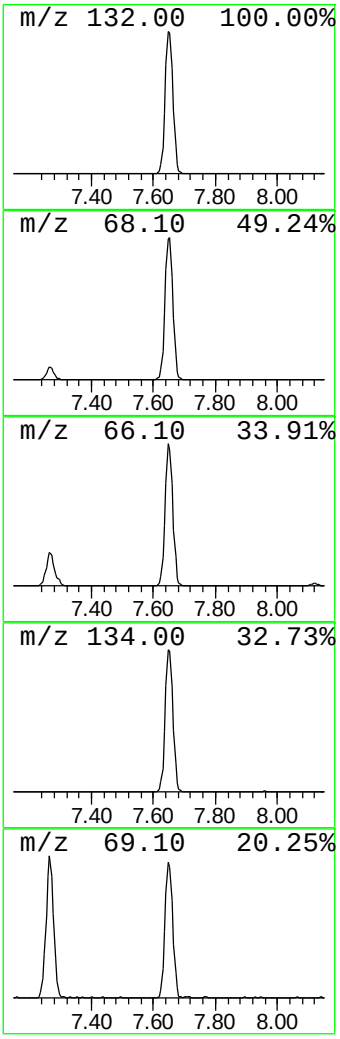
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	64.25 ng	1586370	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10





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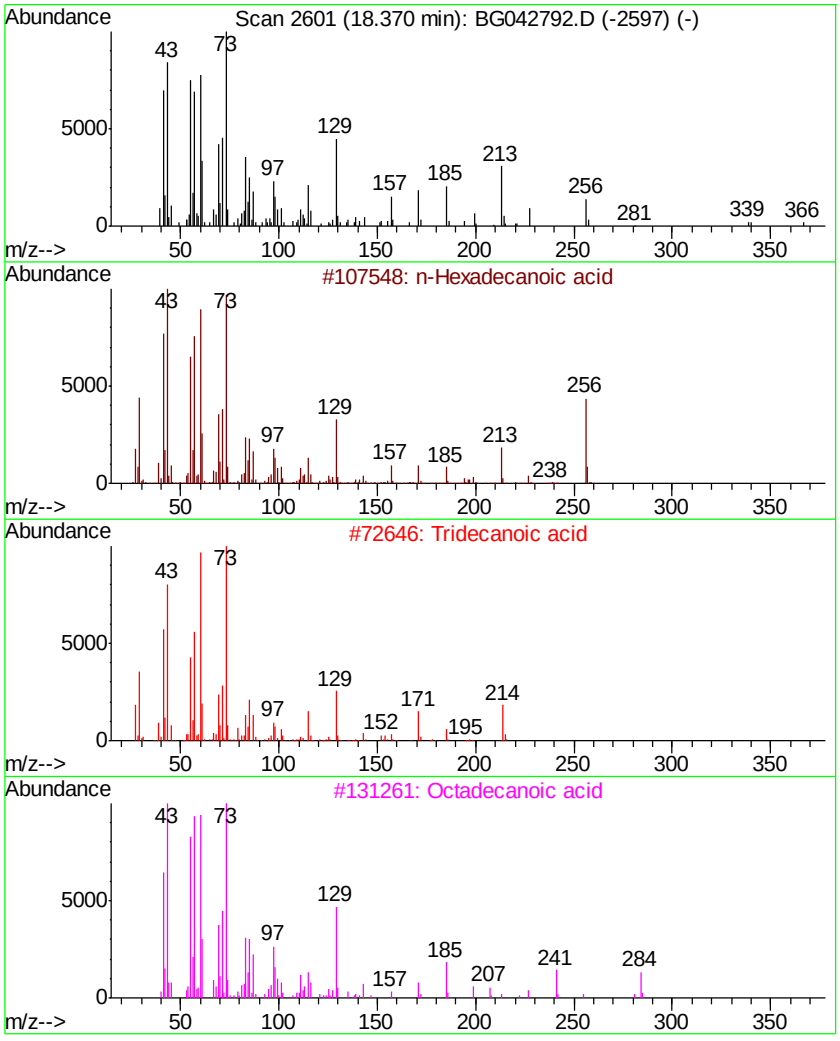
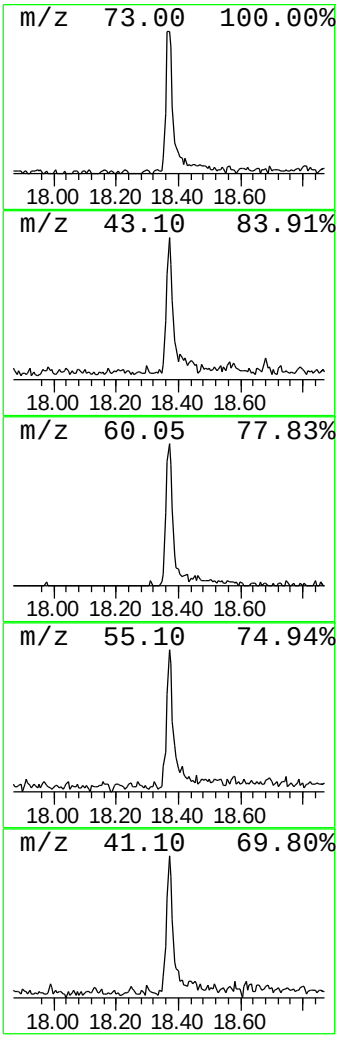
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.35 ng	207488	Phenanthrene-d10	17.48

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	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Docosanoic acid	340	C22H44O2	000112-85-6	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BUS-2(0-5)

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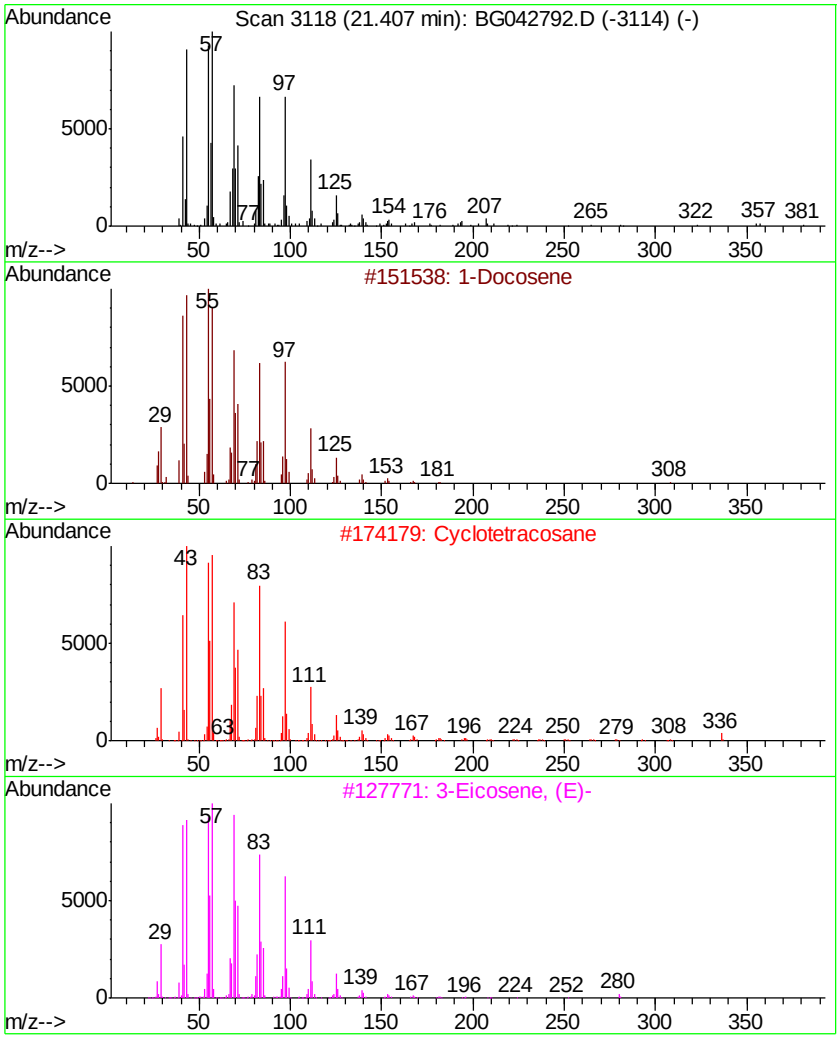
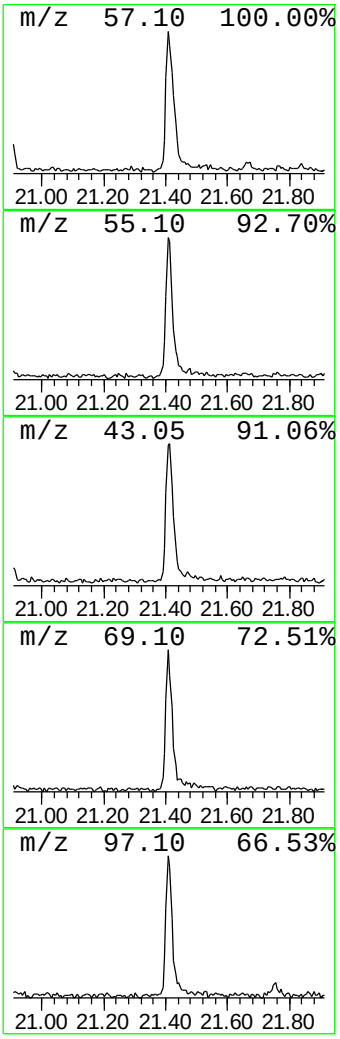
****

Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	4.48 ng	329064	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	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...	3.29	20.6	ng	507913	1	8.12	493849	20.0
unknown7.65	7.65	64.3	ng	1586370	1	8.12	493849	20.0
n-Hexadecanoic acid	18.37	3.4	ng	207488	4	17.48	1238630	20.0
1-Docosene	21.41	4.5	ng	329064	5	21.75	1467420	20.0