LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041717.D
Acq On : 18 Jul 2019 19:43
Operator : HP/JU
Sample : K3834-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-7

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-BG071519.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	3.201	13	19	35	rVB	1177759	2371022	29.70%	5.662%
2	5.610	422	429	438	rBV	873014	1390237	17.42%	3.320%
3	7.197	692	699	710	rBV	540165	972847	12.19%	2.323%
4	7.579	755	764	776	rBV	1634441	2864135	35.88%	6.839%
5	8.049	836	844	852	rBV	414941	713723	8.94%	1.704%
6	8.372	889	899	910	rBV	1640799	2800415	35.08%	6.687%
7	9.200	1031	1040	1051	rBV	1243958	2296279	28.77%	5.483%
8	10.851	1313	1321	1329	rBV	561042	985189	12.34%	2.352%
9	13.295	1729	1737	1747	rBV	3363956	5466320	68.48%	13.053%
10	14.112	1870	1876	1881	rBV	132860	208037	2.61%	0.497%
11	14.664	1959	1970	1983	rBV2	846471	1481362	18.56%	3.537%
12	15.393	2088	2094	2102	rBV	1028576	1434004	17.96%	3.424%
13	16.139	2214	2221	2237	rBV	2647709	4228532	52.97%	10.097%
14	17.396	2428	2435	2443	rBV	1208689	1791724	22.44%	4.278%
15	18.284	2581	2586	2595	rBV	79114	138163	1.73%	0.330%
16	20.005	2872	2879	2891	rVB	5722483	7982853	100.00%	19.062%
17	21.315	3097	3102	3121	rBV3	101779	350475	4.39%	0.837%
18	21.644	3151	3158	3167	rBV2	1194823	2032195	25.46%	4.853%
19	22.479	3296	3300	3307	rBV4	46558	91394	1.14%	0.218%
20	23.172	3414	3418	3426	rVB	61019	120545	1.51%	0.288%
21	23.983	3550	3556	3562	rVB3	57236	119653	1.50%	0.286%
22	24.841	3692	3702	3712	rBV2	727994	2039777	25.55%	4.871%

Sum of corrected areas: 41878881

LSC Report - Integrated Chromatogram

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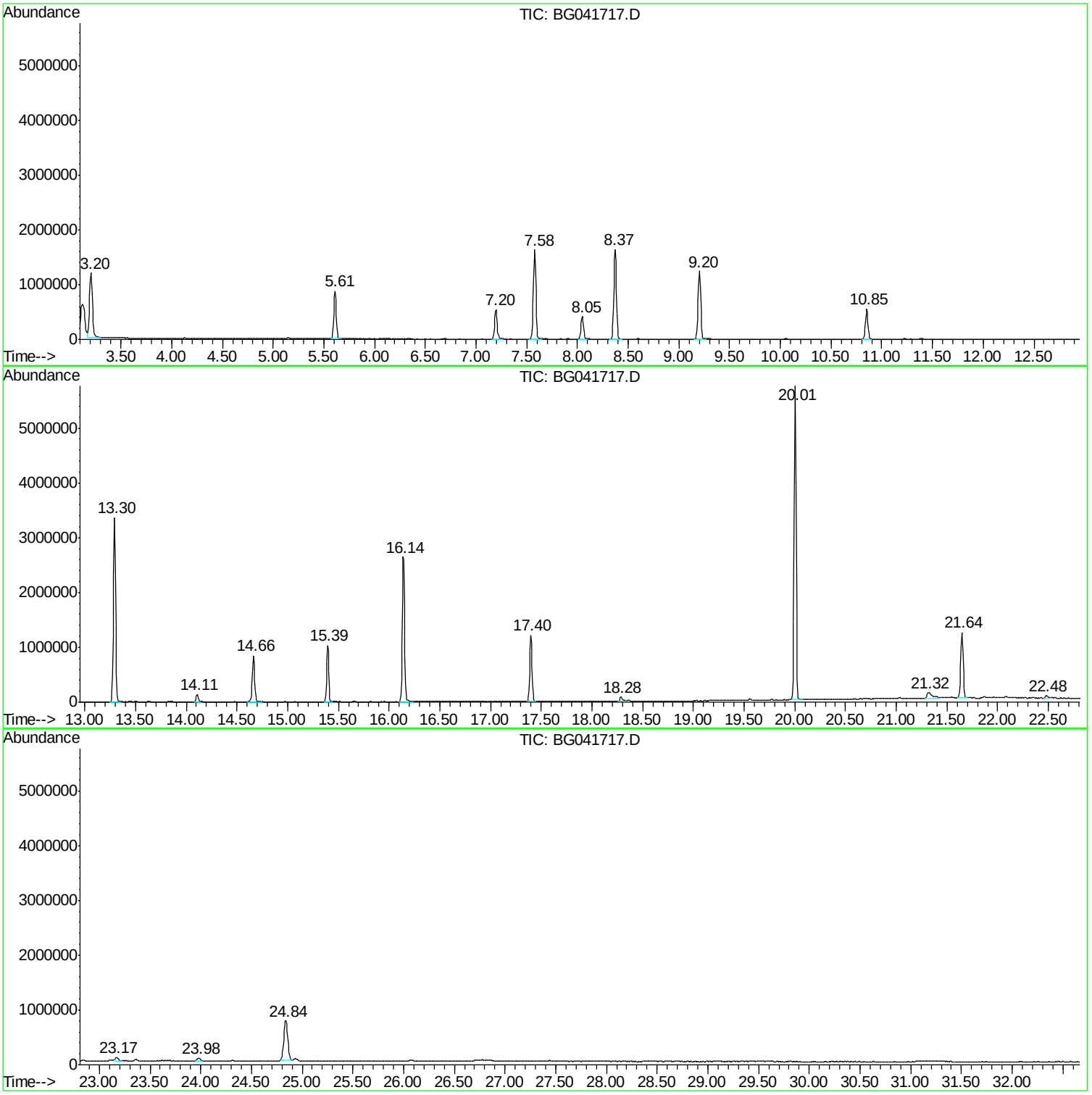
ClientSampleId : TW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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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Data File : BG041717.D
Acq On : 18 Jul 2019 19:43
Operator : HP/JU
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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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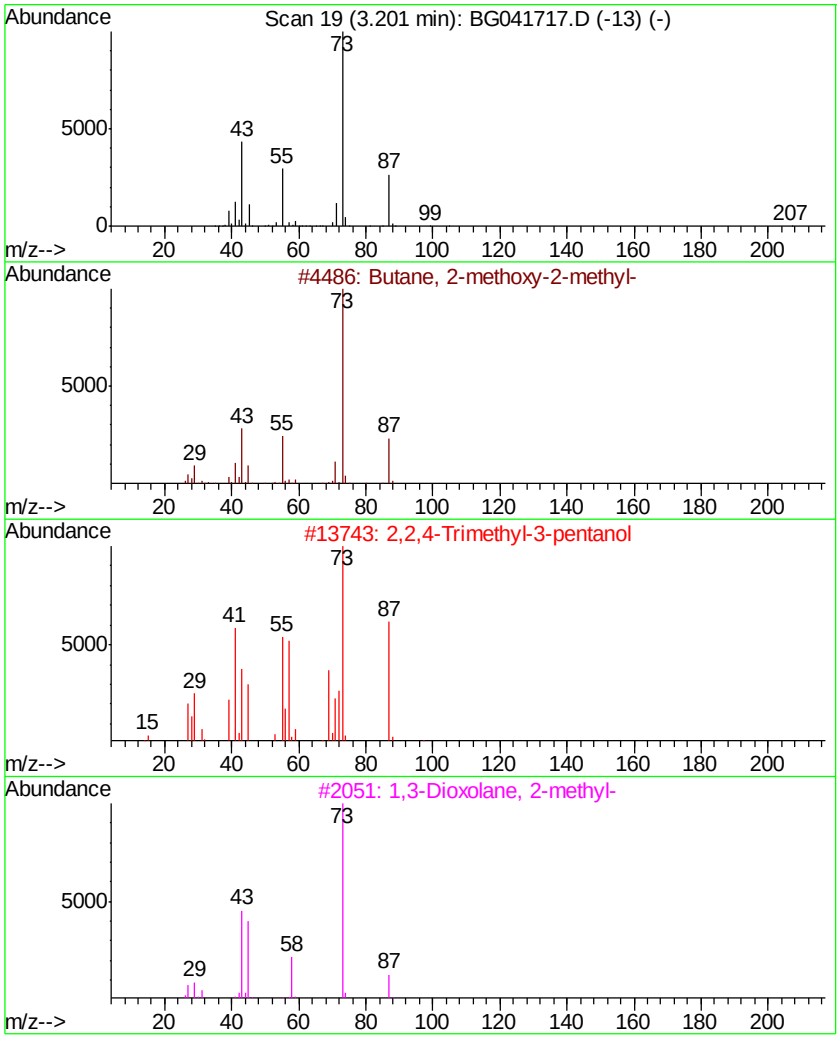
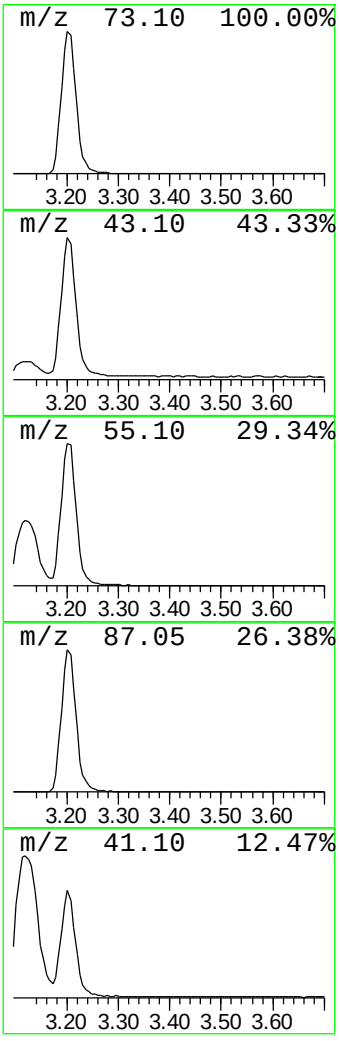
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	66.44 ng	2371020	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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ClientSampleId : TW-7

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TIC Library : C:\Database\NIST11.L
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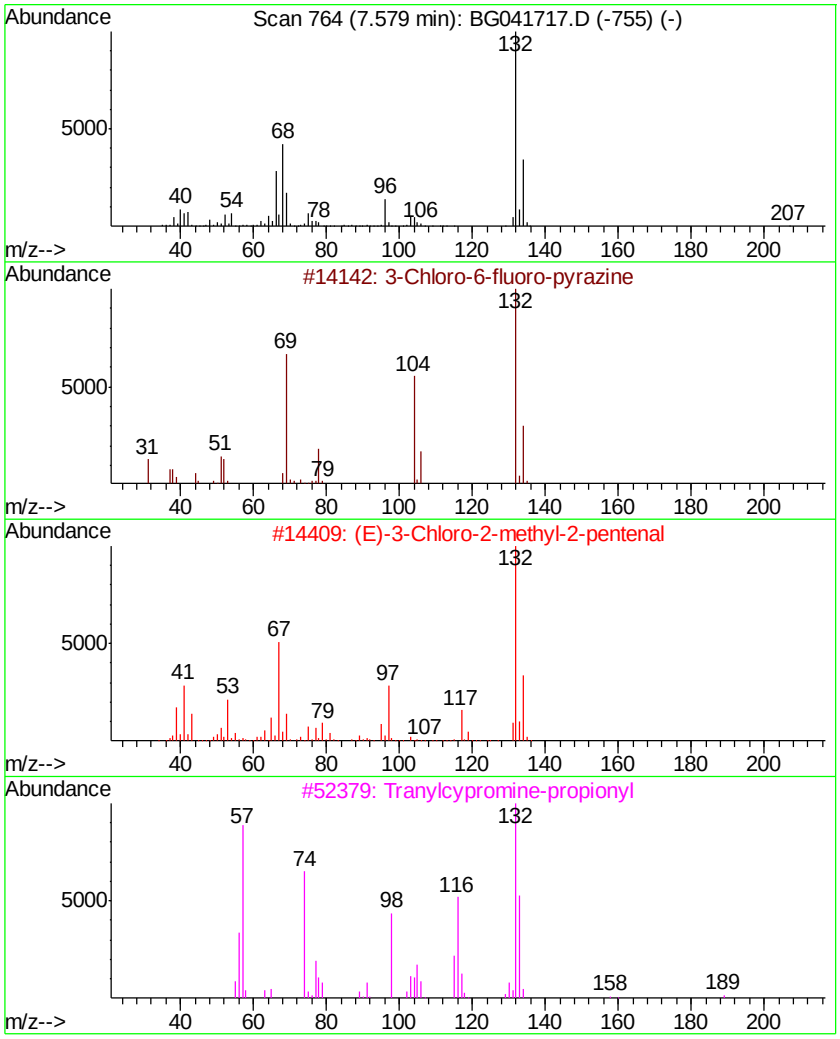
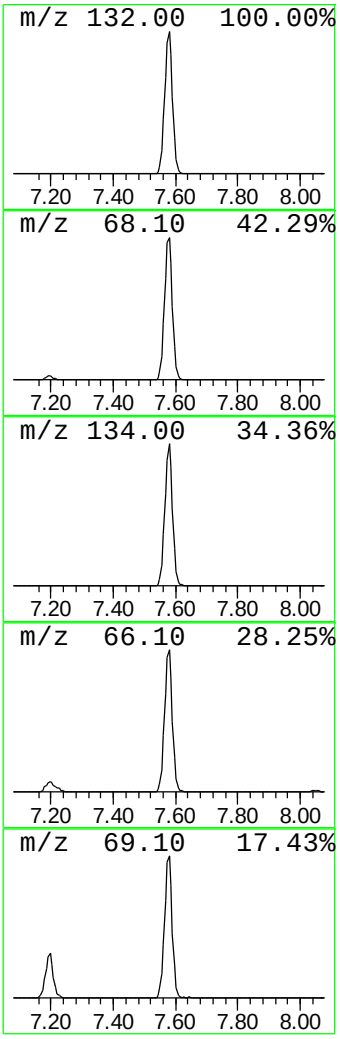
Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	80.26 ng	2864140	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Sample : K3834-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
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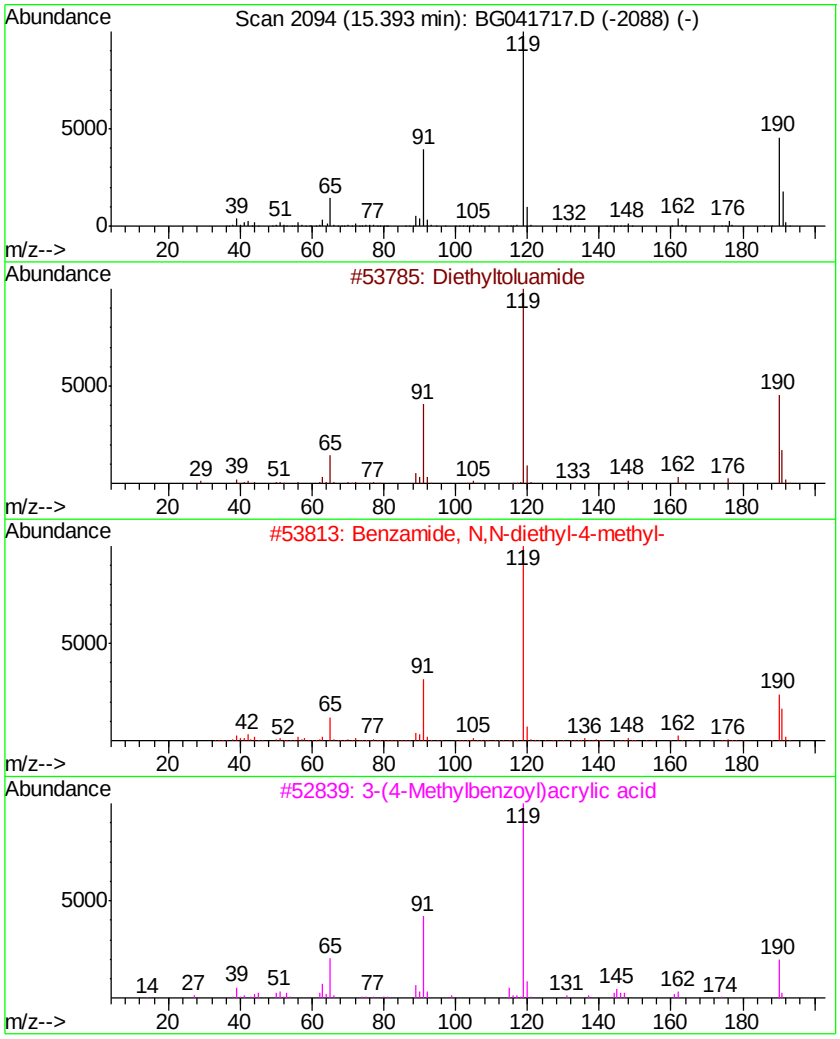
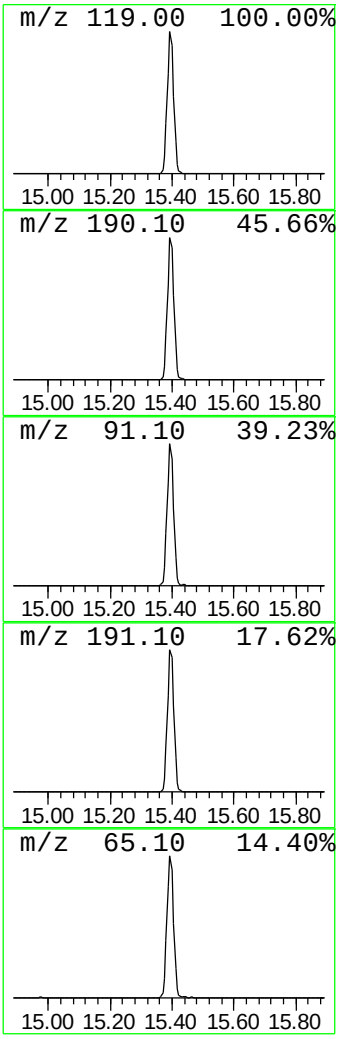
Peak Number 4 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	19.36 ng	1434000	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
3	3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	78
4	l-Valine, N-(p-toluoyl)-, methyl...	249	C14H19NO3	1000299-64-7	64
5	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	58





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Instrument : BNA_G
ClientSampleId : TW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
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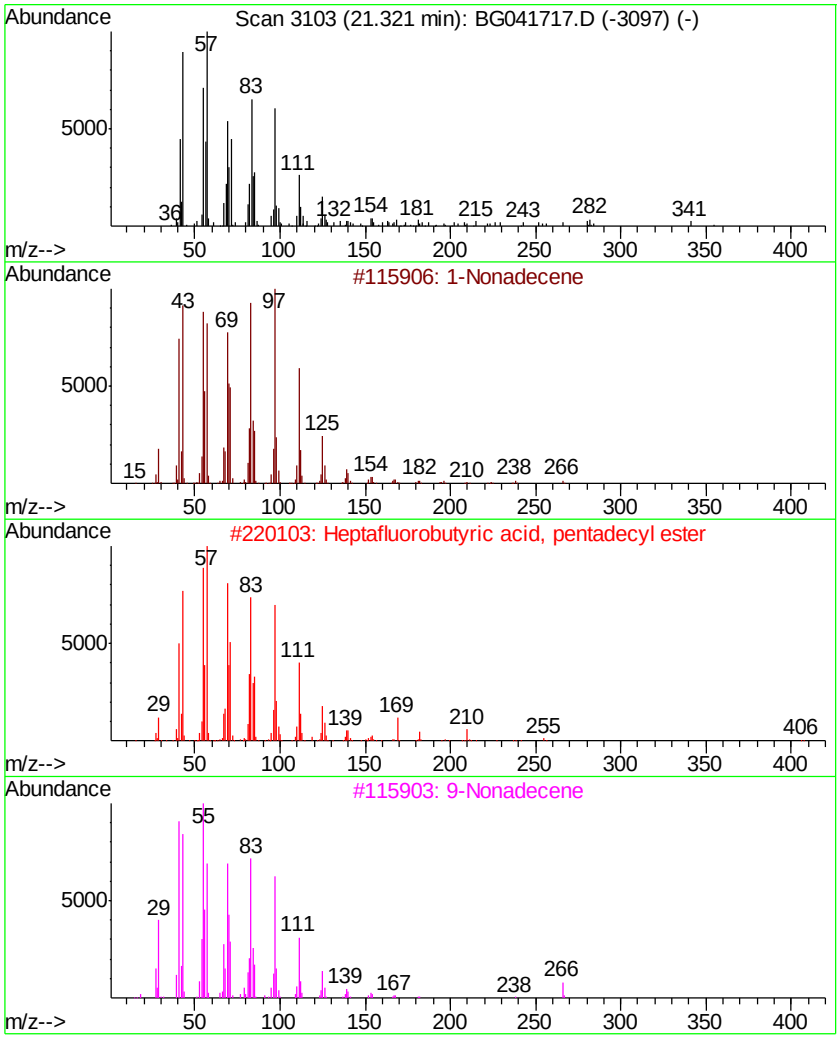
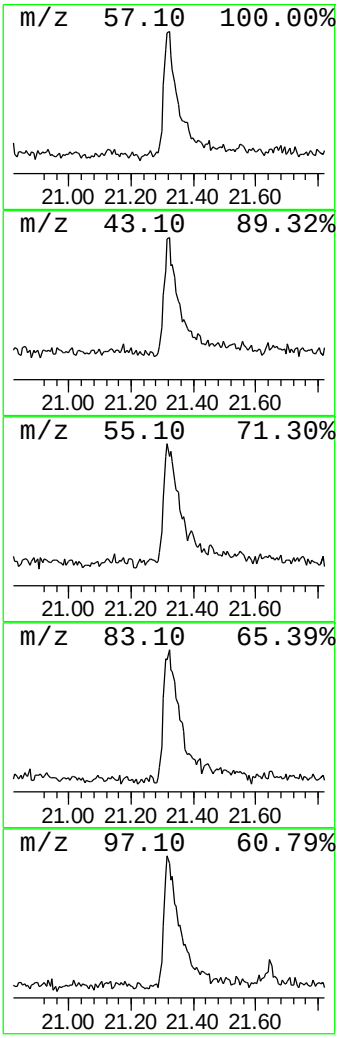
****

Peak Number 5 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.45 ng	350475	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	9-Nonadecene	266	C19H38	031035-07-1	92
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	66.4	ng	2371020	1	8.05	713723	20.0
unknown7.58	7.58	80.3	ng	2864140	1	8.05	713723	20.0
Diethyltoluamide	15.39	19.4	ng	1434000	3	14.66	1481360	20.0
1-Nonadecene	21.32	3.5	ng	350475	5	21.64	2032200	20.0