LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021060.D
Acq On : 24 Feb 2016 20:32
Operator : UM/SJ
Sample : H1521-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1(0-2)

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:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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	3.049	33	36	42	rBB	3059	3760	1.68%	0.231%
2	3.196	57	61	69	rBB2	5214	8527	3.81%	0.524%
3	5.281	411	416	424	rBB	22304	31946	14.26%	1.962%
4	5.781	494	501	510	rBB	85081	135538	60.50%	8.322%
5	7.408	771	778	786	rBV	101745	172143	76.83%	10.570%
6	7.749	830	836	844	rBB	95915	163506	72.98%	10.040%
7	8.201	908	913	918	rBB2	13534	19738	8.81%	1.212%
8	8.530	963	969	976	rBB	66091	109930	49.07%	6.750%
9	9.388	1108	1115	1122	rBB	67050	114078	50.92%	7.005%
10	11.027	1387	1394	1400	rBB	23455	40725	18.18%	2.501%
11	13.447	1799	1806	1812	rBB	152965	224043	100.00%	13.757%
12	14.269	1938	1946	1953	rBB	25453	34990	15.62%	2.148%
13	14.663	2009	2013	2017	rBB	6060	7726	3.45%	0.474%
14	14.816	2034	2039	2045	rBB2	36478	56719	25.32%	3.483%
15	15.609	2170	2174	2178	rVB2	8429	10258	4.58%	0.630%
16	16.302	2287	2292	2299	rBB	113857	162265	72.43%	9.963%
17	16.466	2316	2320	2328	rBV	7468	12275	5.48%	0.754%
18	17.253	2451	2454	2458	rBB	3614	4083	1.82%	0.251%
19	17.553	2500	2505	2511	rBV2	37674	55963	24.98%	3.436%
20	18.405	2647	2650	2655	rBV	1951	2852	1.27%	0.175%
21	20.132	2939	2944	2950	rVB	132788	168034	75.00%	10.318%
22	21.407	3157	3161	3166	rVB5	4099	5541	2.47%	0.340%
23	21.824	3227	3232	3239	rVB	27465	43680	19.50%	2.682%
24	25.143	3788	3797	3807	rVB2	13108	37607	16.79%	2.309%
25	31.082	4801	4808	4811	rBV5	1384	2693	1.20%	0.165%

Sum of corrected areas: 1628620

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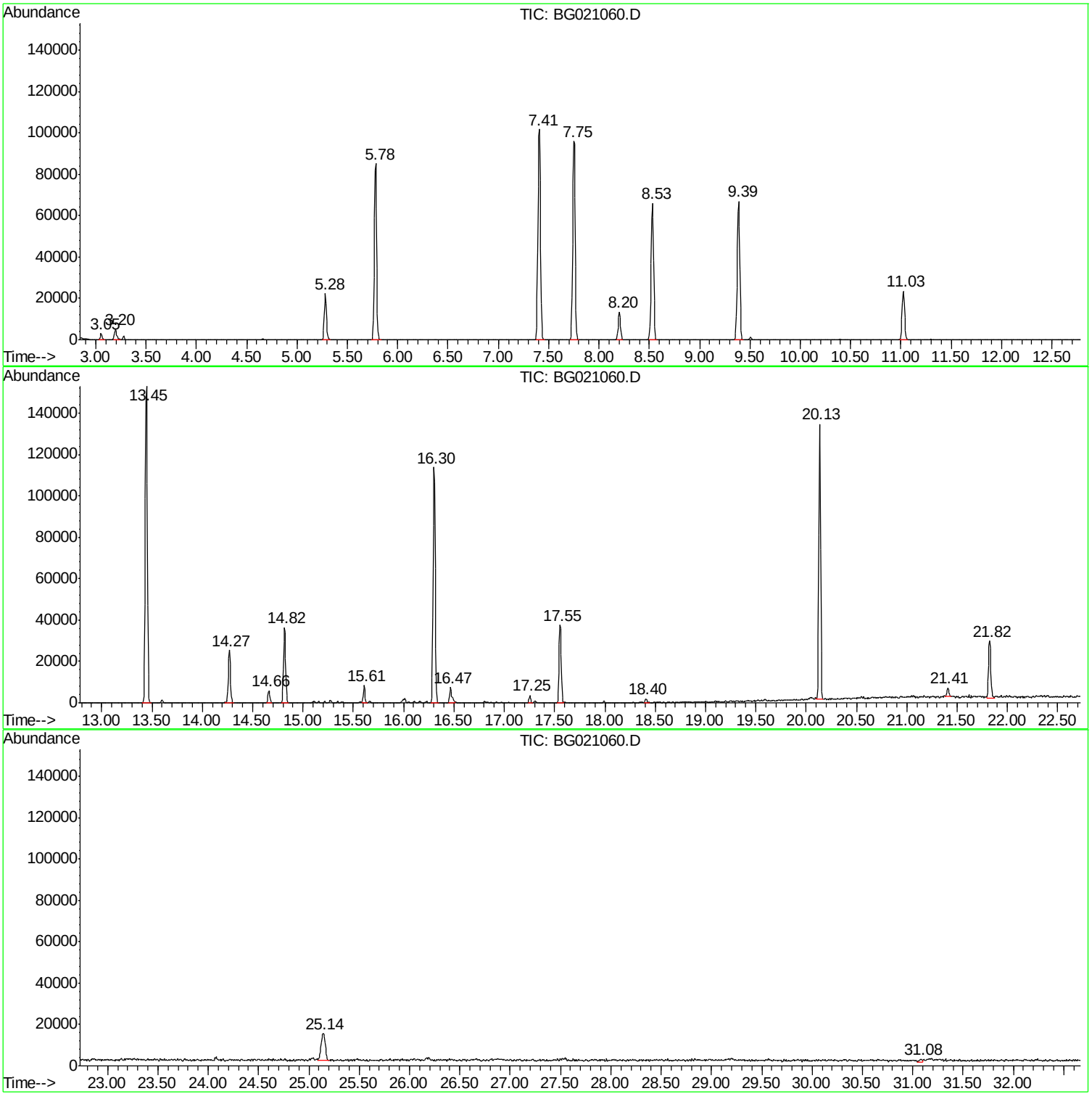
ClientSampleId :
SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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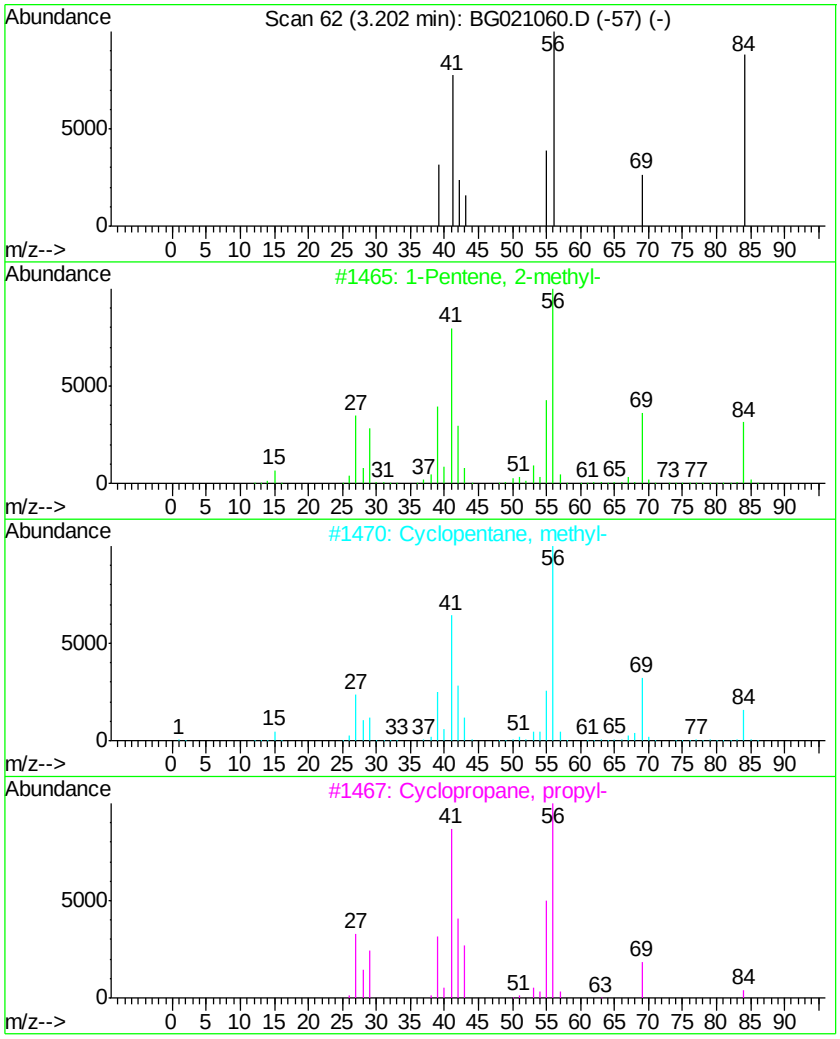
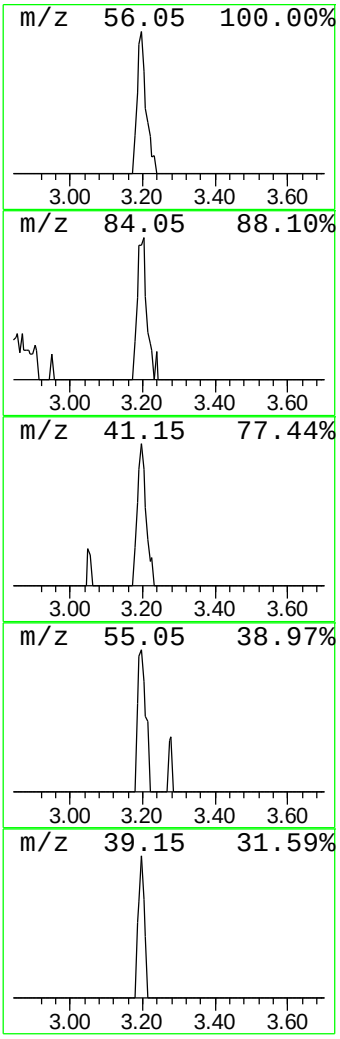
Peak Number 2 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	8.64 ng	8527	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	39
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	38
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	7





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Instrument : BNA_G
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
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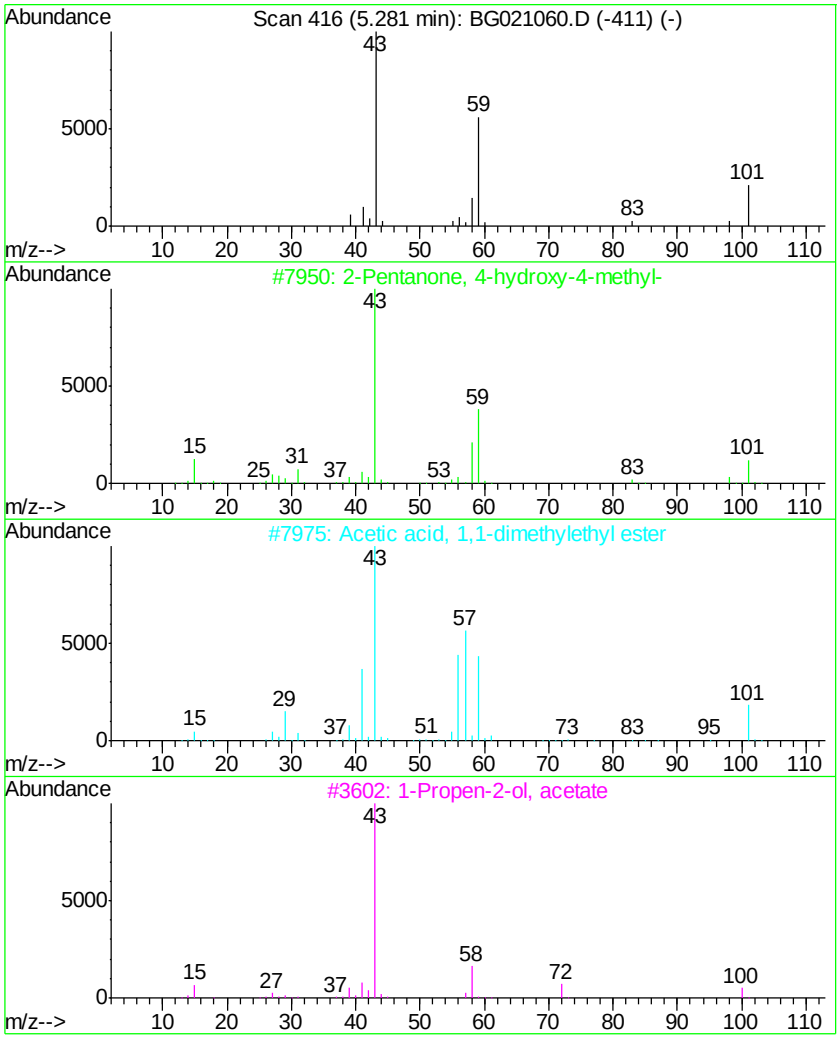
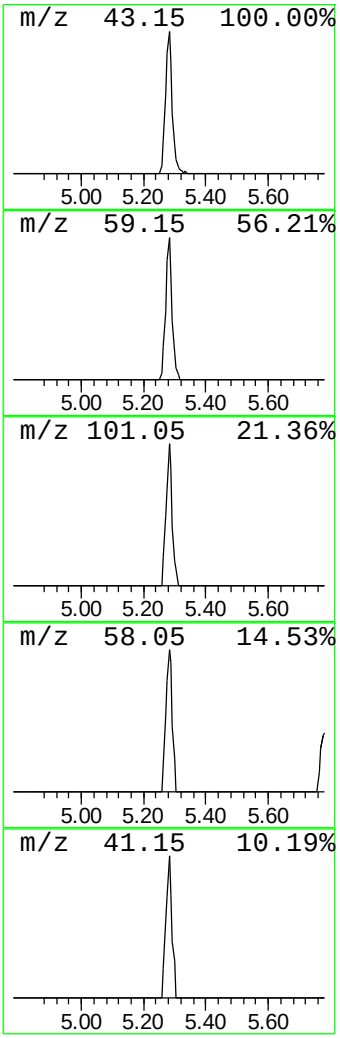
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	32.37 ng	31946	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7





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Instrument : BNA_G
ClientSampleId : SP-1(0-2)

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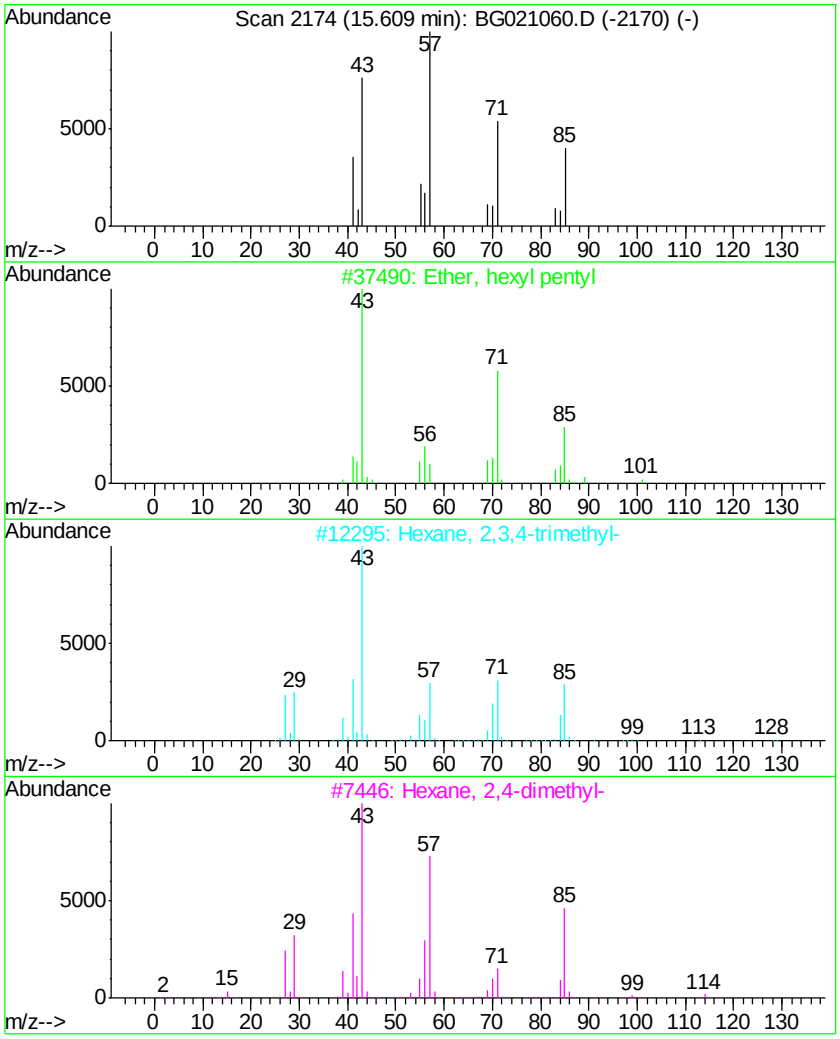
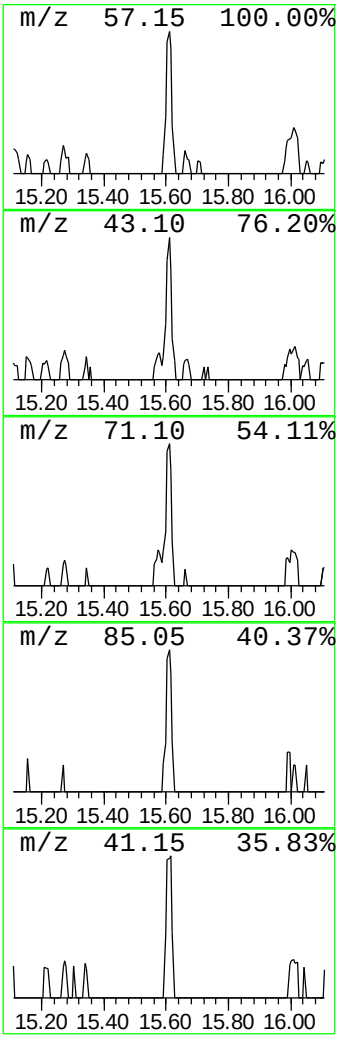
Peak Number 7 Ether, hexyl pentyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.62 ng	10258	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	45
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	37
5	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	36





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Instrument : BNA_G
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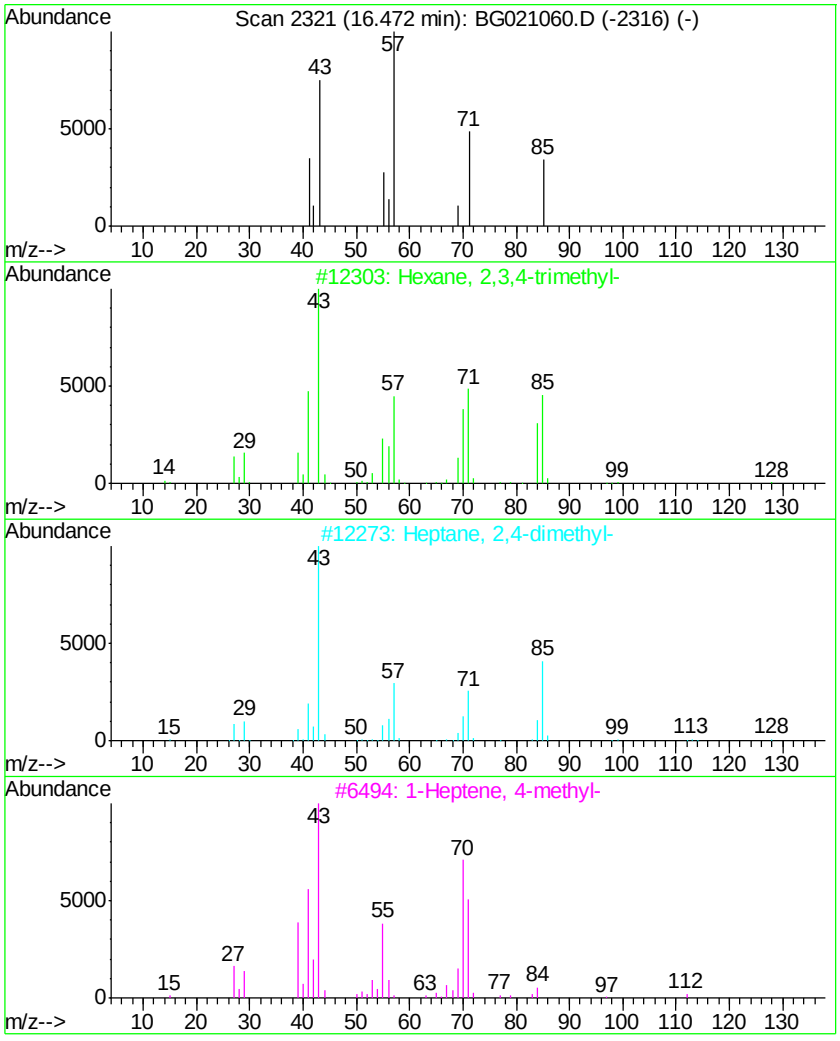
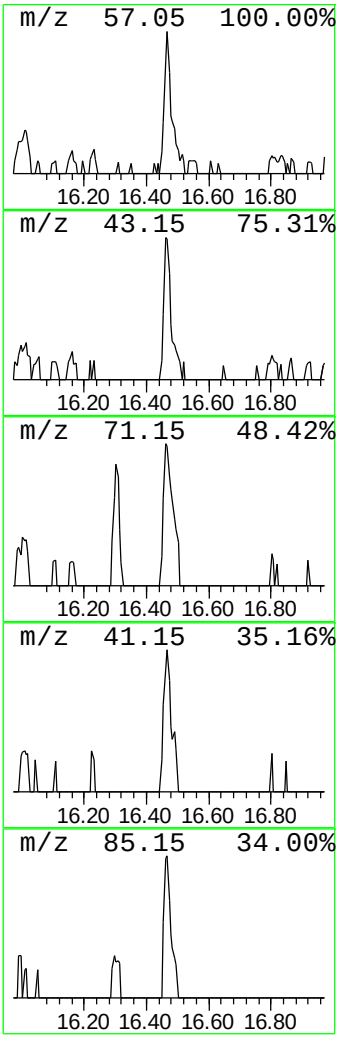
Peak Number 8 unknown16.47 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.39 ng	12275	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	36
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	23
3	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	23
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	9
5	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	9





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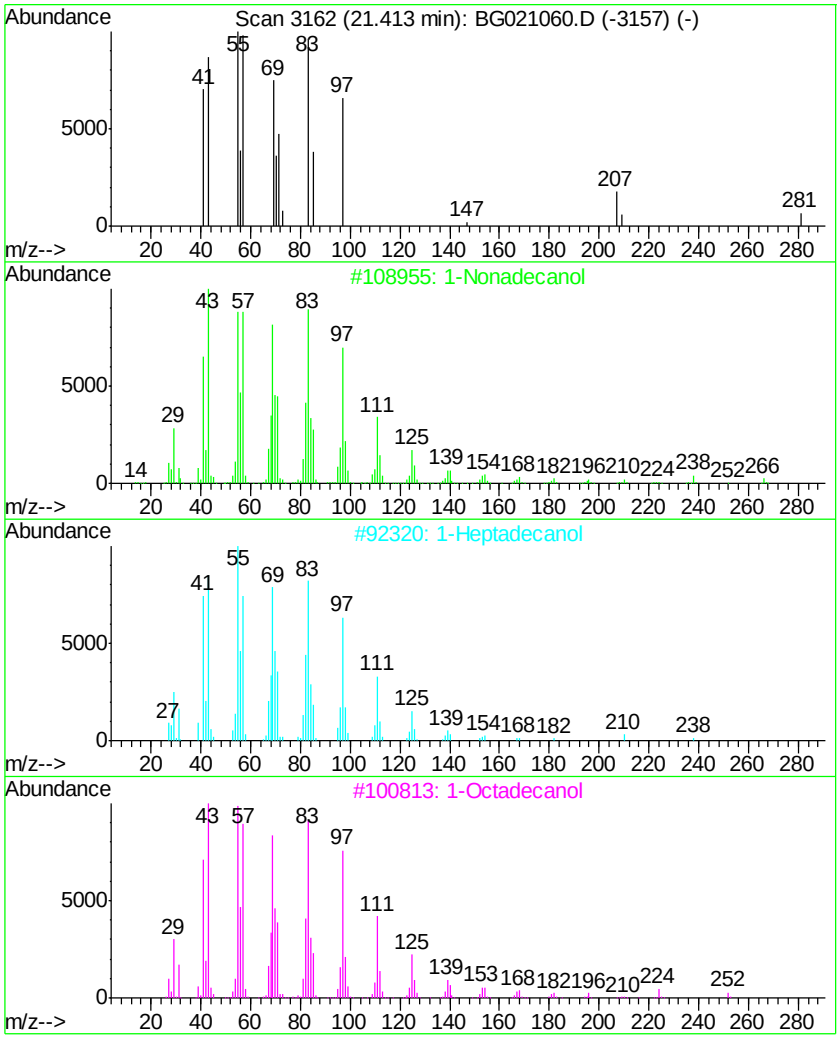
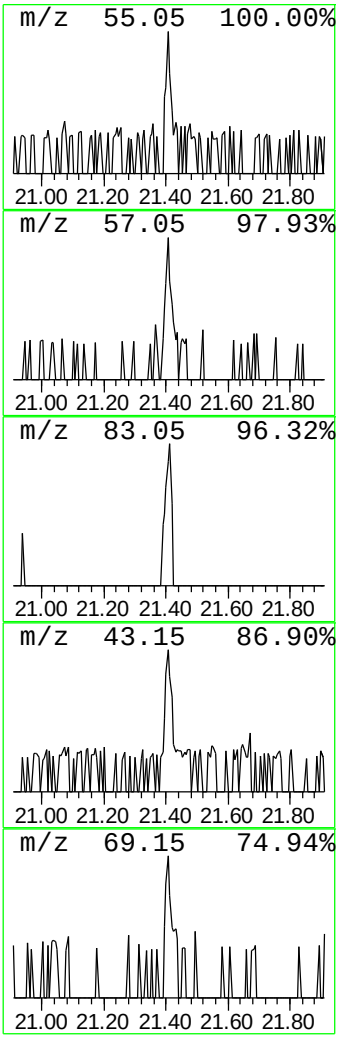
Peak Number 9 1-Nonadecanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.54 ng	5541	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	64
2	1-Heptadecanol	256	C17H36O	001454-85-9	64
3	1-Octadecanol	270	C18H38O	000112-92-5	58
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	53
5	1-Hexadecanol	242	C16H34O	036653-82-4	53





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.20	8.6	ng	8527	1	8.20	19738	20.0
2-Pentanone, 4-hy...	5.28	32.4	ng	31946	1	8.20	19738	20.0
Ether, hexyl pentyl	15.61	3.6	ng	10258	3	14.82	56719	20.0
unknown16.47	16.47	4.4	ng	12275	4	17.55	55963	20.0
1-Nonadecanol	21.41	2.5	ng	5541	5	21.82	43680	20.0