LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044879.D
Acq On : 19 Mar 2020 1:07
Operator : CG/JU
Sample : L1942-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DA

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-BG031020.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	3.147	4	10	19	rBV2	58035	151813	2.68%	0.545%
2	3.230	19	24	30	rVB2	37453	68587	1.21%	0.246%
3	5.145	345	350	358	rBV	40987	67567	1.19%	0.243%
4	5.615	423	430	441	rBV	1347172	2194279	38.67%	7.877%
5	7.202	691	700	710	rBV	1364292	2373537	41.83%	8.521%
6	8.042	836	843	851	rBV	278903	493778	8.70%	1.773%
7	8.371	888	899	908	rBV	1024177	1870834	32.97%	6.716%
8	9.199	1031	1040	1048	rBV	845854	1550694	27.33%	5.567%
9	10.850	1312	1321	1330	rBV	360484	667905	11.77%	2.398%
10	13.300	1731	1738	1746	rBV	2238803	3490008	61.51%	12.529%
11	13.576	1780	1785	1793	rVB2	74504	117396	2.07%	0.421%
12	14.123	1871	1878	1885	rBV	157985	243626	4.29%	0.875%
13	14.675	1963	1972	1981	rBV2	571146	932177	16.43%	3.347%
14	16.162	2218	2225	2234	rBV	1770609	2861188	50.43%	10.272%
15	17.419	2432	2439	2447	rBV	793842	1186640	20.91%	4.260%
16	18.318	2588	2592	2600	rBV2	50598	77137	1.36%	0.277%
17	20.034	2877	2884	2891	rBV	4048080	5674100	100.00%	20.370%
18	21.344	3102	3107	3116	rBV	288237	480298	8.46%	1.724%
19	21.685	3158	3165	3172	rBV	832934	1386809	24.44%	4.979%
20	22.525	3303	3308	3315	rBV5	39559	86698	1.53%	0.311%
21	23.218	3422	3426	3432	rBV3	43558	76708	1.35%	0.275%
22	24.029	3556	3564	3572	rBV3	46584	123771	2.18%	0.444%
23	24.887	3699	3710	3722	rBV2	471519	1387120	24.45%	4.980%
24	24.992	3722	3728	3735	rVB6	46065	106881	1.88%	0.384%
25	26.126	3917	3921	3929	rVB8	30947	79093	1.39%	0.284%
26	26.238	3932	3940	3946	rBV10	30786	106447	1.88%	0.382%

Sum of corrected areas: 27855091

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Instrument : BNA_G
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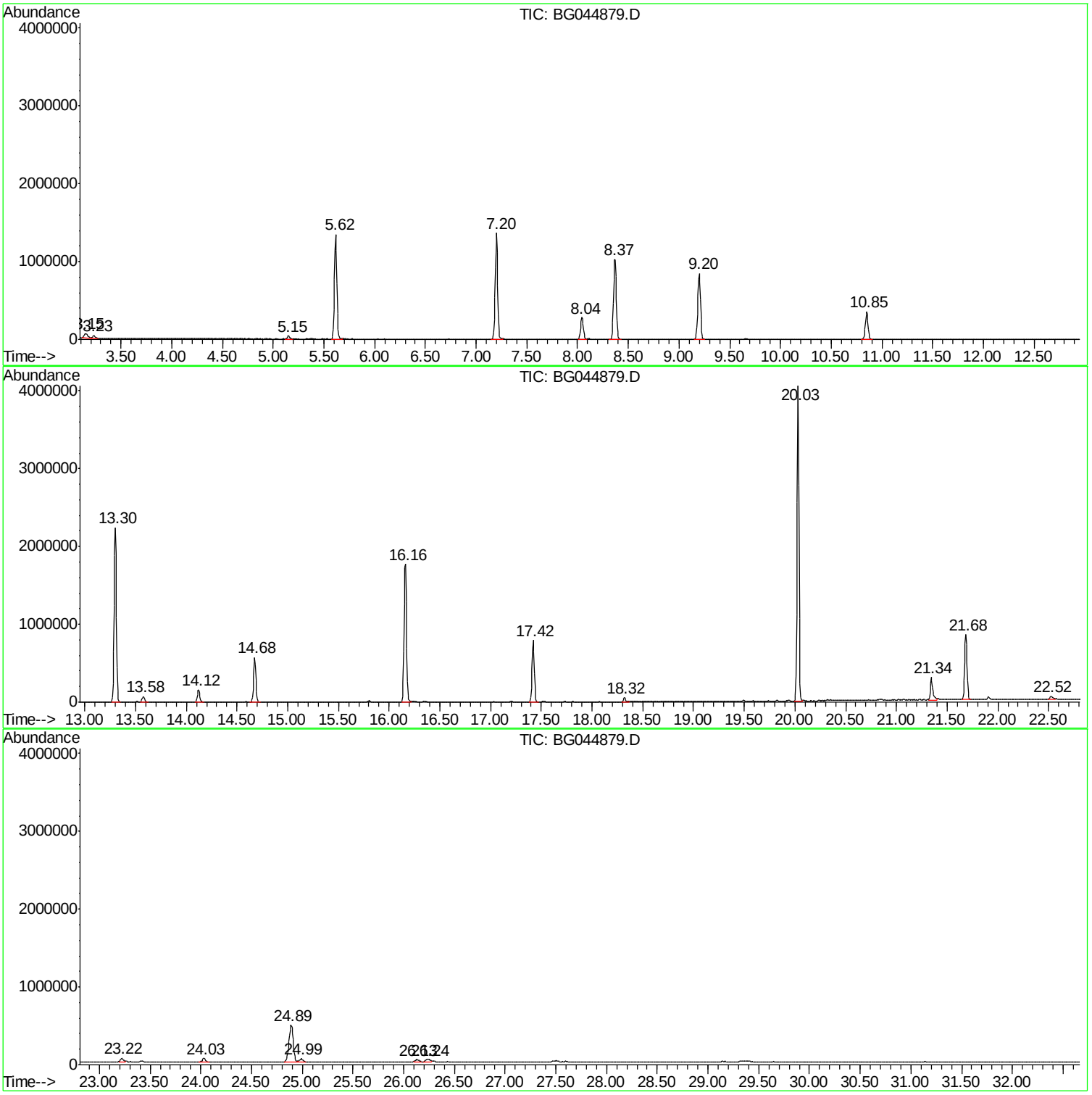
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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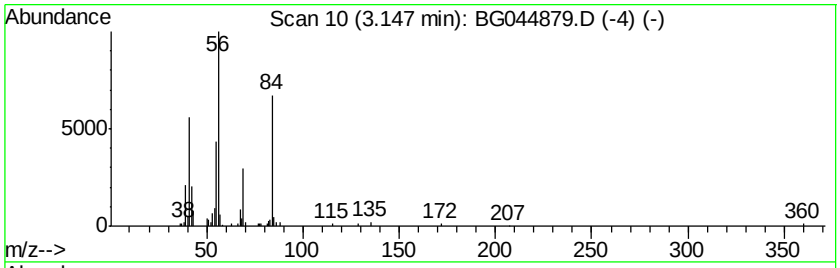
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

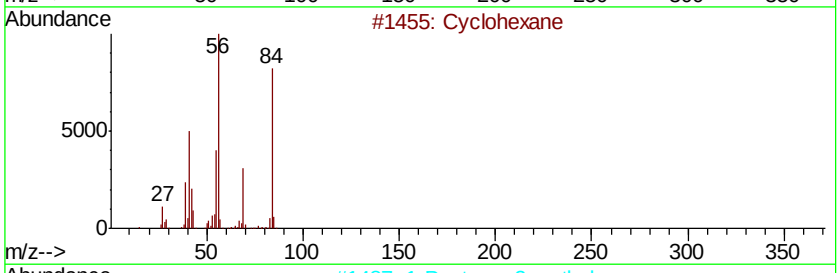
****

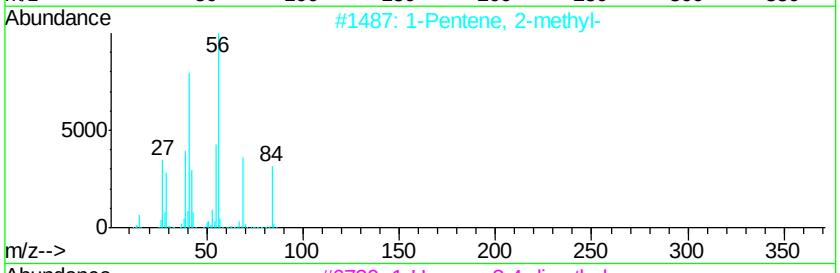
Peak Number 1 Cyclohexane Concentration Rank 3

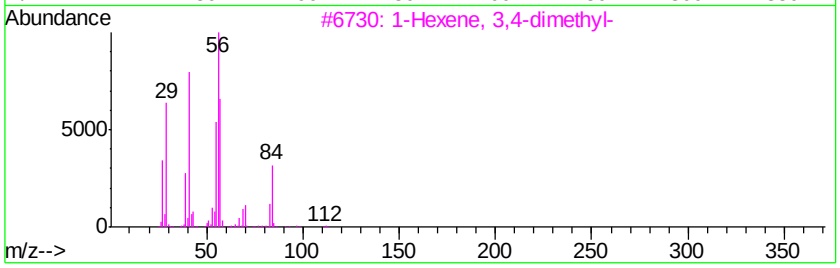
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	6.15 ng	151813	1,4-Dichlorobenzene-d4	8.04

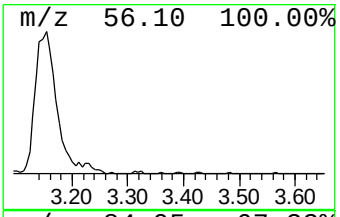
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47

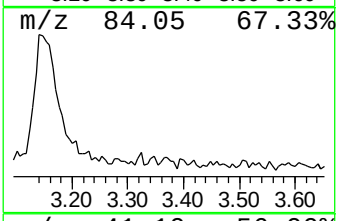


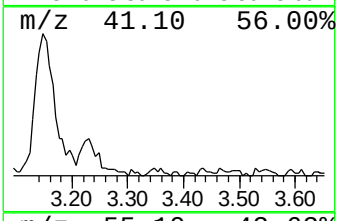


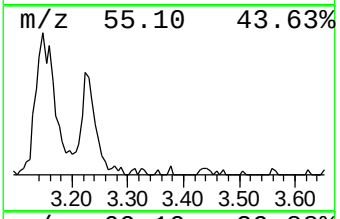


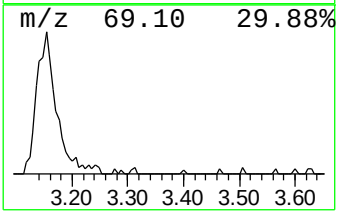












Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

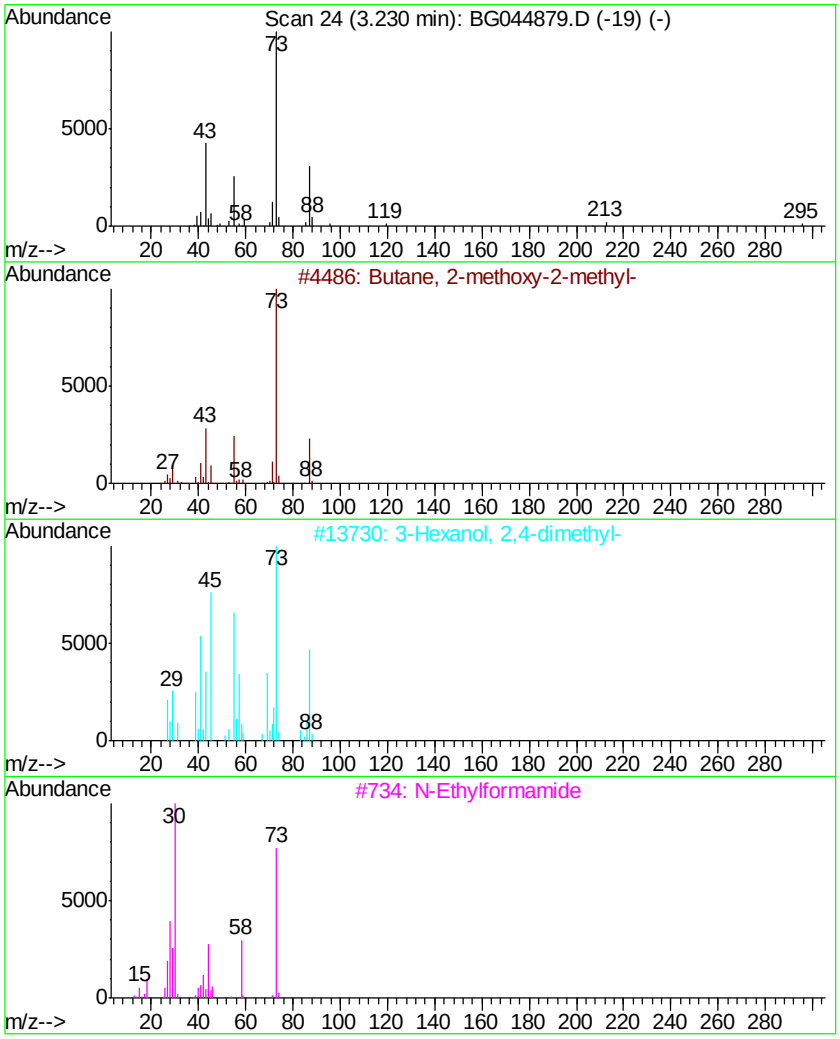
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

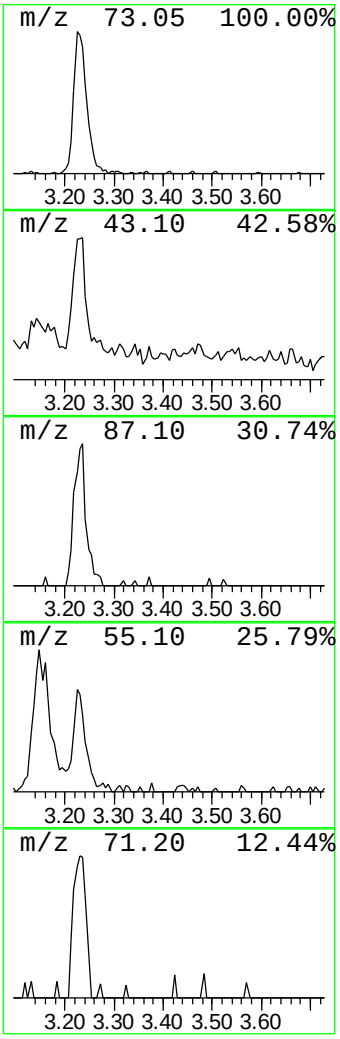
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	2.78 ng	68587	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	33
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : TP-5-DA

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

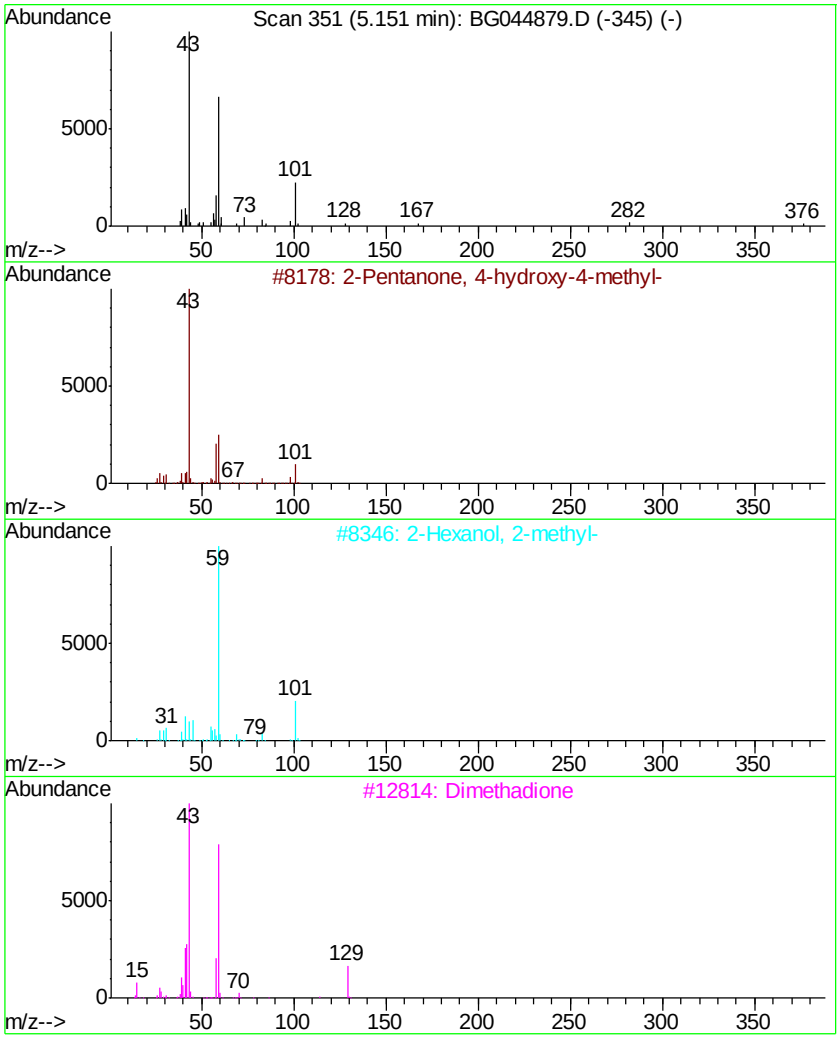
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

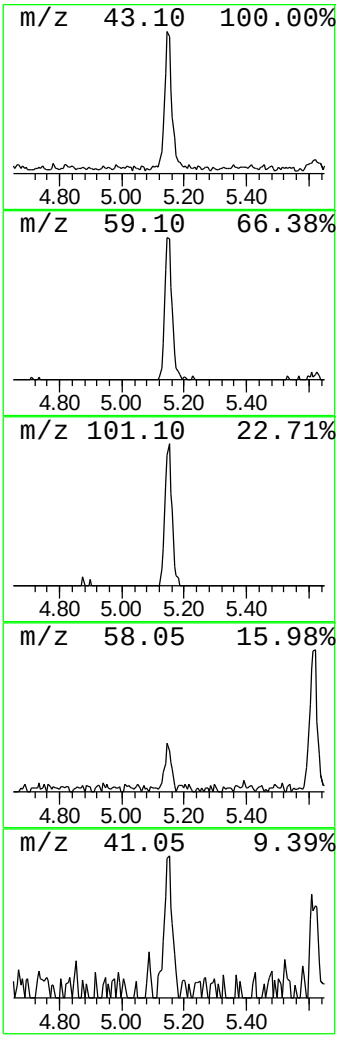
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	2.74 ng	67567	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
3	Dimethadione	129	C5H7NO3	000695-53-4	33
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	27
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25





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Instrument : BNA_G
ClientSampleId : TP-5-DA

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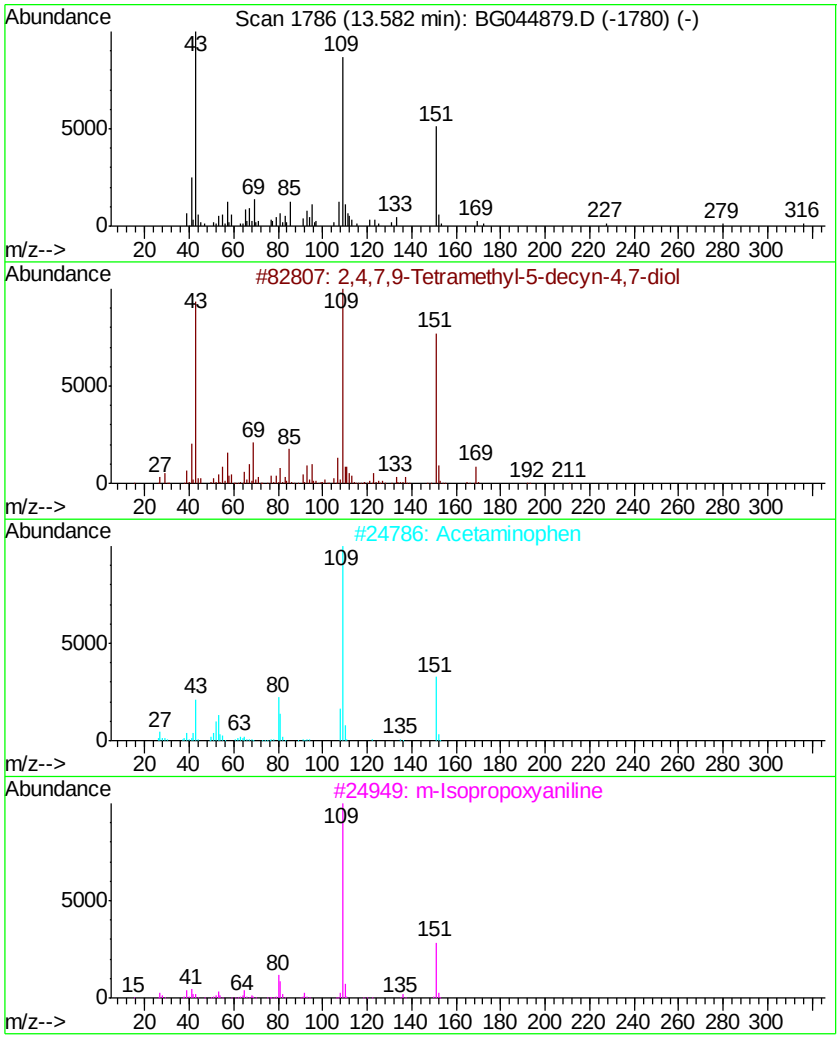
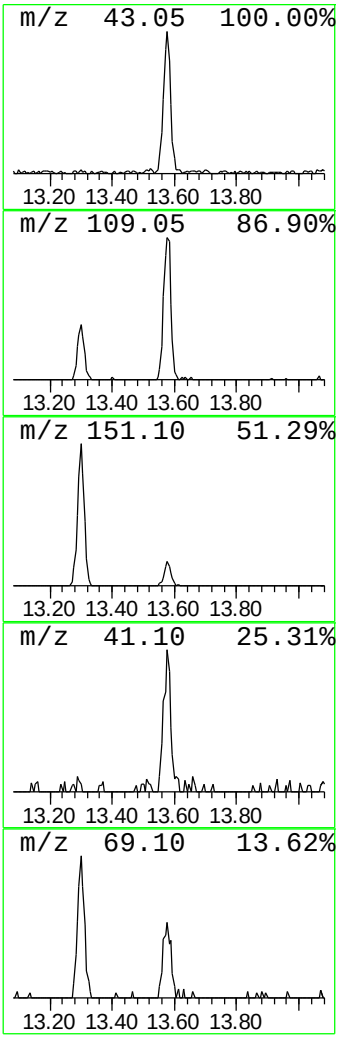
****

Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.52 ng	117396	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Acetaminophen	151	C8H9NO2	000103-90-2	53
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	53
5	Metacetamol	151	C8H9NO2	000621-42-1	53





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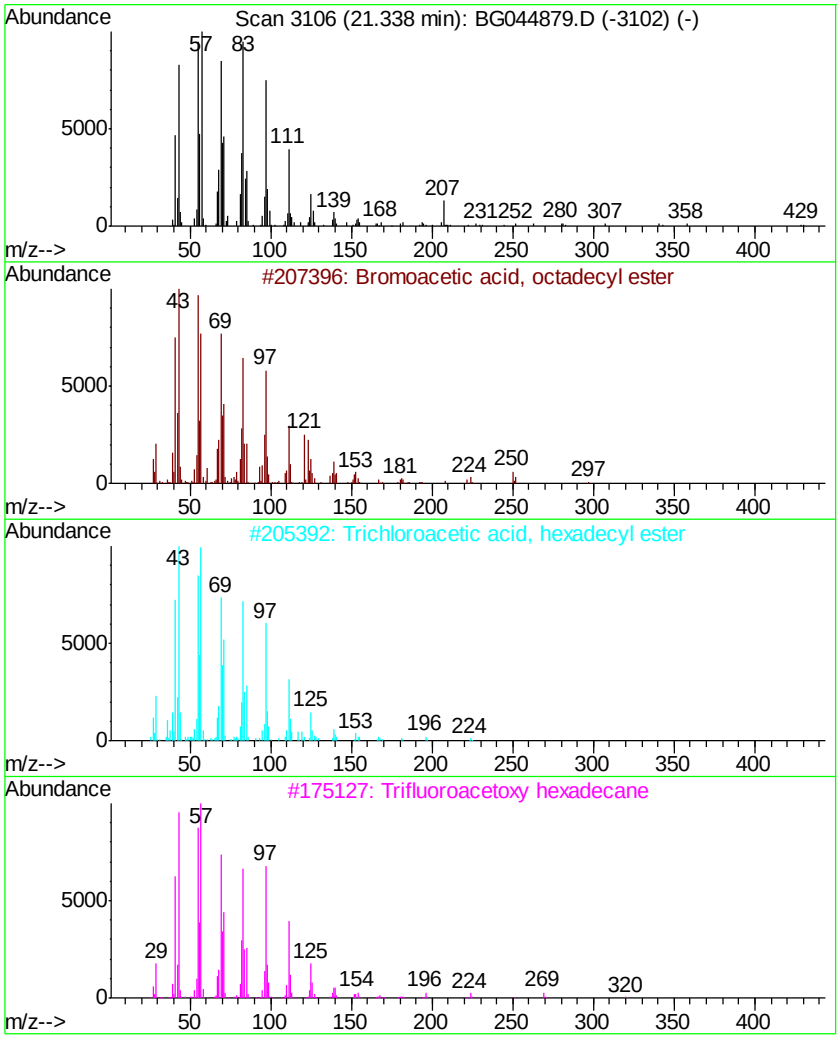
TIC Integration Parameters: LSCINT.P

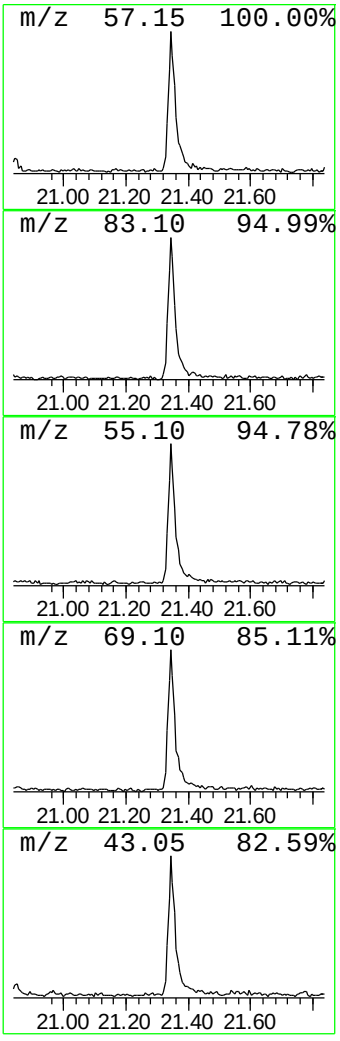
****

Peak Number 6 Bromoacetic acid, octadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	6.93 ng	480298	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	1-Hexadecanol	242	C16H34O	036653-82-4	90
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	76





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	3.15	6.2	ng	151813	1	8.04	493778	20.0
Butane, 2-methoxy...	3.23	2.8	ng	68587	1	8.04	493778	20.0
2-Pentanone, 4-hy...	5.15	2.7	ng	67567	1	8.04	493778	20.0
2,4,7,9-Tetrameth...	13.58	2.5	ng	117396	3	14.68	932177	20.0
Bromoacetic acid,...	21.34	6.9	ng	480298	5	21.68	1386810	20.0