LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045143.D
Acq On : 23 Apr 2020 15:51
Operator : CG/JU
Sample : L2359-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1B-S

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-BG041520.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	3.179	11	15	20	rVB	49310	69257	1.32%	0.241%
2	5.576	416	423	434	rBV	956034	1644862	31.44%	5.721%
3	7.173	687	695	704	rBV	1129048	1994467	38.12%	6.937%
4	7.596	762	767	773	rBV2	35561	61139	1.17%	0.213%
5	8.008	828	837	844	rBV	246299	438068	8.37%	1.524%
6	8.331	885	892	900	rBV	956188	1693123	32.36%	5.889%
7	9.165	1021	1034	1042	rBV	744455	1408831	26.93%	4.900%
8	10.816	1306	1315	1321	rBV	350799	658756	12.59%	2.291%
9	13.265	1724	1732	1739	rBV	2253246	3694013	70.60%	12.848%
10	13.541	1773	1779	1787	rBV2	224776	359611	6.87%	1.251%
11	14.088	1865	1872	1879	rBV	420578	621656	11.88%	2.162%
12	14.546	1941	1950	1956	rBV	223307	362406	6.93%	1.260%
13	14.646	1960	1967	1974	rBV	595536	1012932	19.36%	3.523%
14	16.132	2212	2220	2227	rBV	1946171	3054054	58.37%	10.622%
15	16.326	2236	2253	2264	rBV	716671	1516152	28.98%	5.273%
16	16.661	2303	2310	2315	rBV2	35305	60261	1.15%	0.210%
17	17.389	2427	2434	2439	rBV	775648	1209034	23.11%	4.205%
18	18.288	2578	2587	2589	rBV8	30225	61021	1.17%	0.212%
19	19.439	2777	2783	2788	rBV	144139	224255	4.29%	0.780%
20	19.798	2835	2844	2850	rBV2	135257	267662	5.12%	0.931%
21	20.003	2872	2879	2884	rBV	3837554	5232088	100.00%	18.197%
22	20.685	2991	2995	2999	rVB	73049	92077	1.76%	0.320%
23	21.301	3096	3100	3109	rVB	301627	446387	8.53%	1.553%
24	21.648	3152	3159	3165	rBV	712378	1292456	24.70%	4.495%
25	23.816	3523	3528	3529	rBV5	50813	69557	1.33%	0.242%
26	24.832	3691	3701	3710	rBV2	406596	1208353	23.10%	4.203%

Sum of corrected areas: 28752478

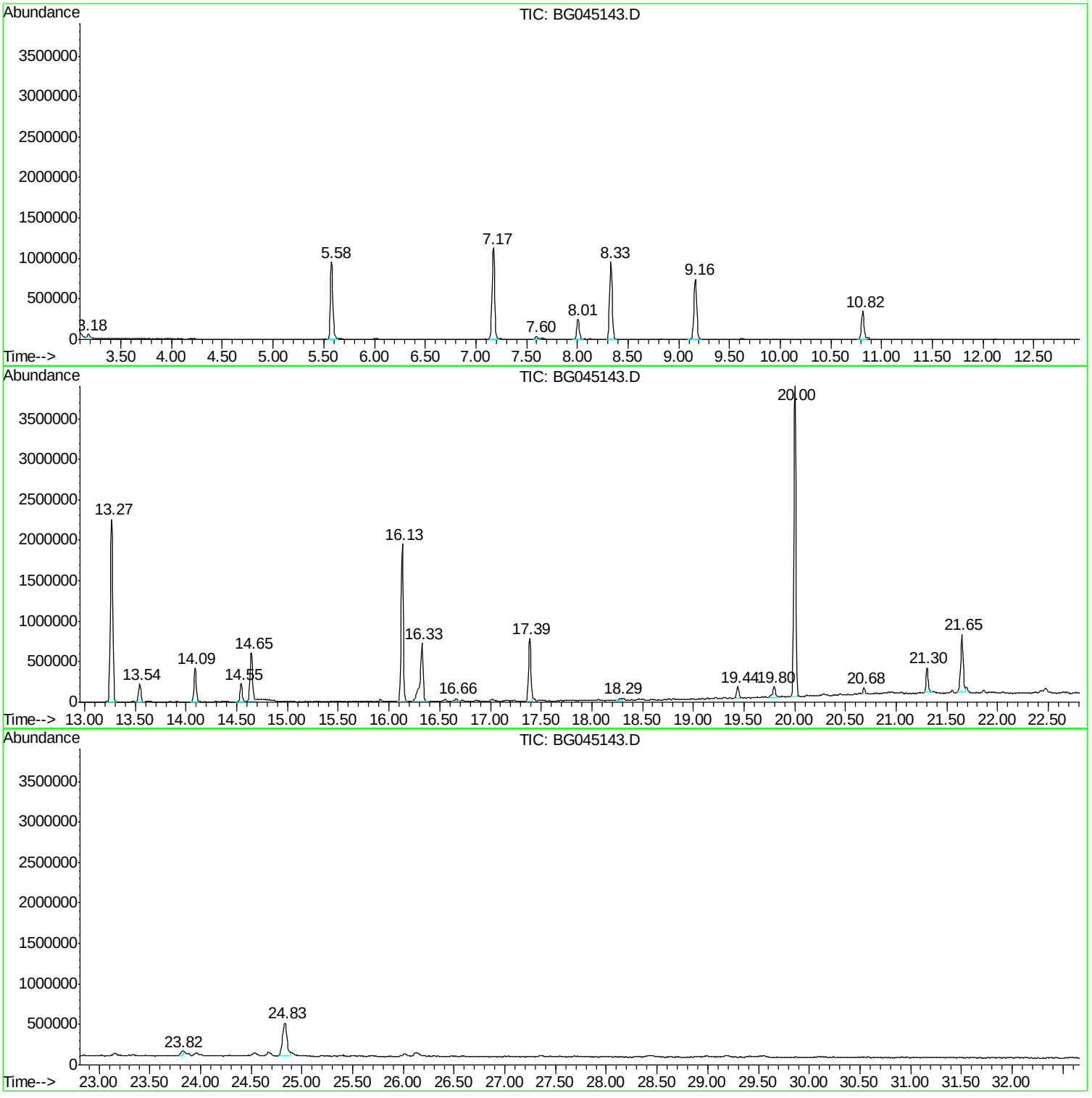
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045143.D
Acq On : 23 Apr 2020 15:51
Operator : CG/JU
Sample : L2359-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045143.D
Acq On : 23 Apr 2020 15:51
Operator : CG/JU
Sample : L2359-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

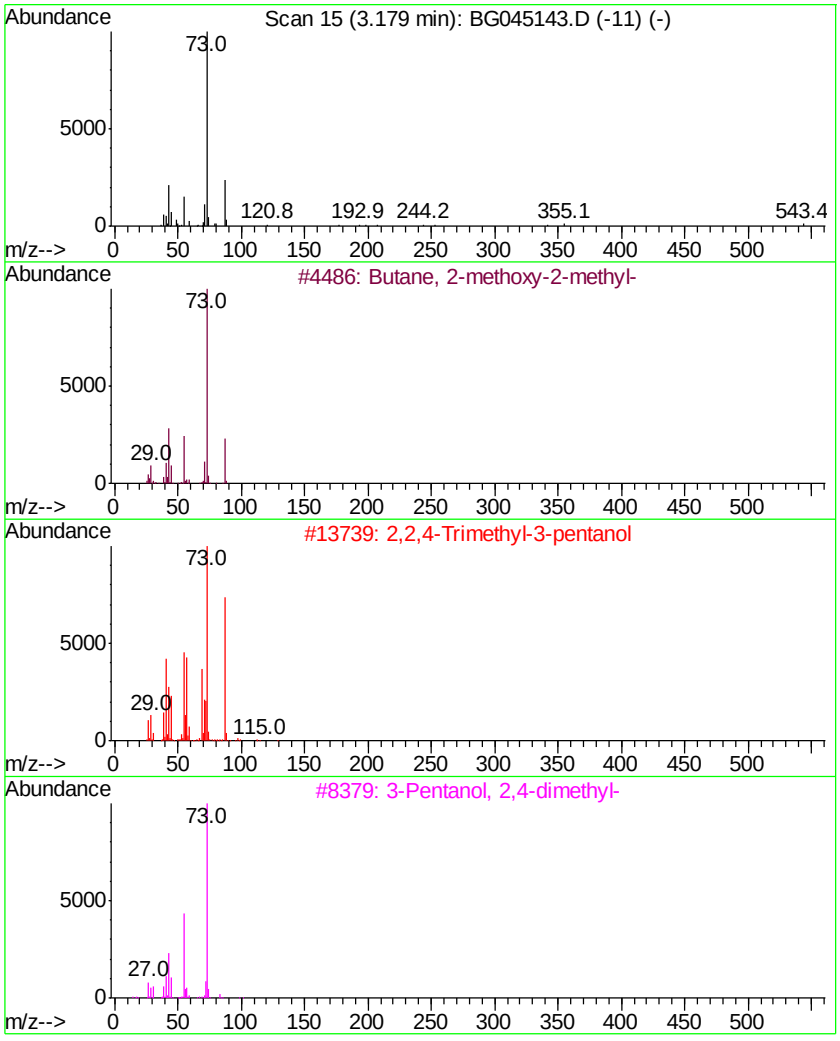
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

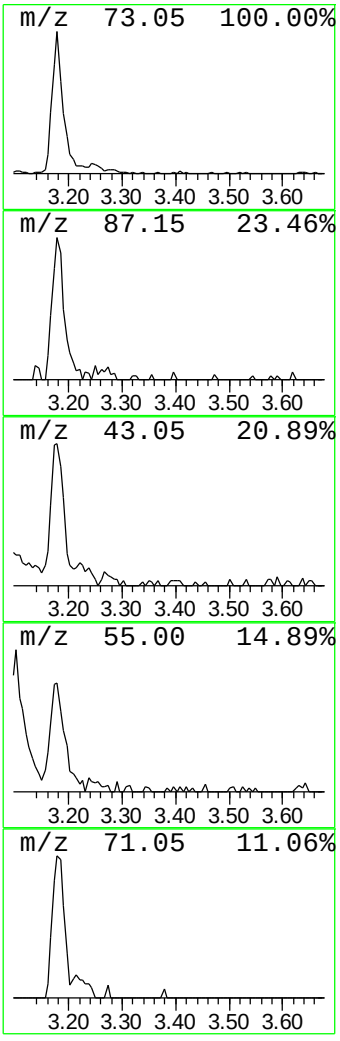
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	3.16 ng	69257	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	7
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7





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Data File : BG045143.D
Acq On : 23 Apr 2020 15:51
Operator : CG/JU
Sample : L2359-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

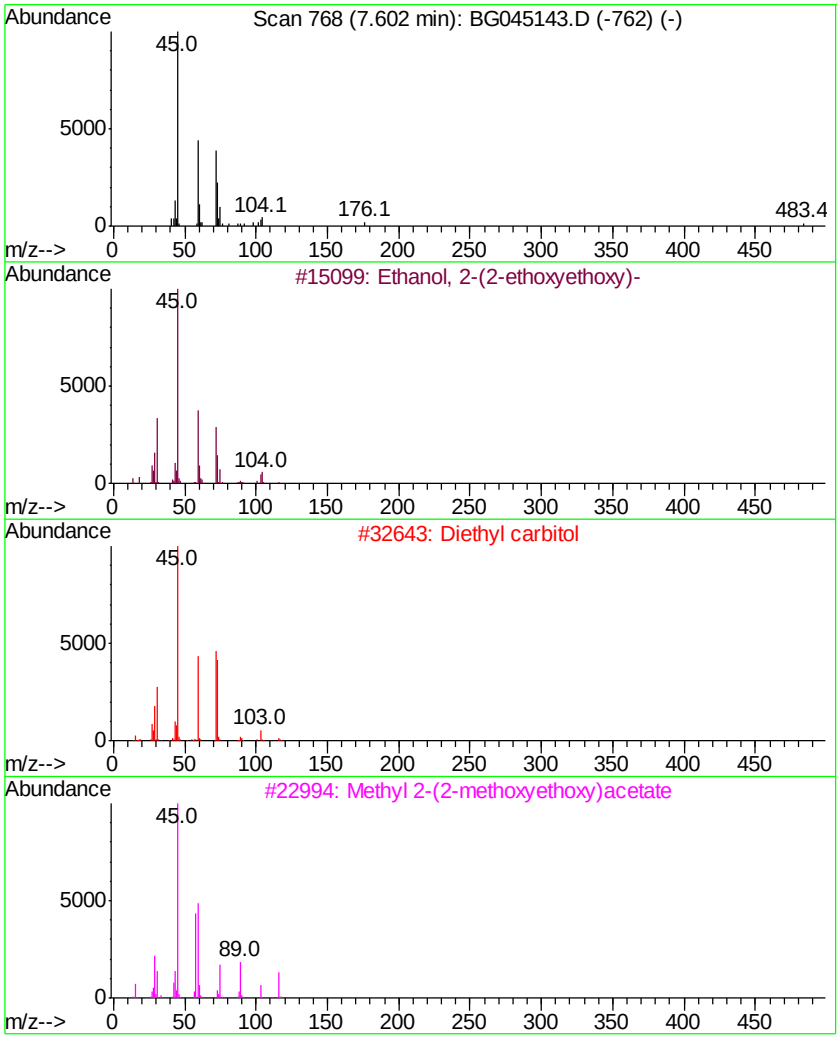
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

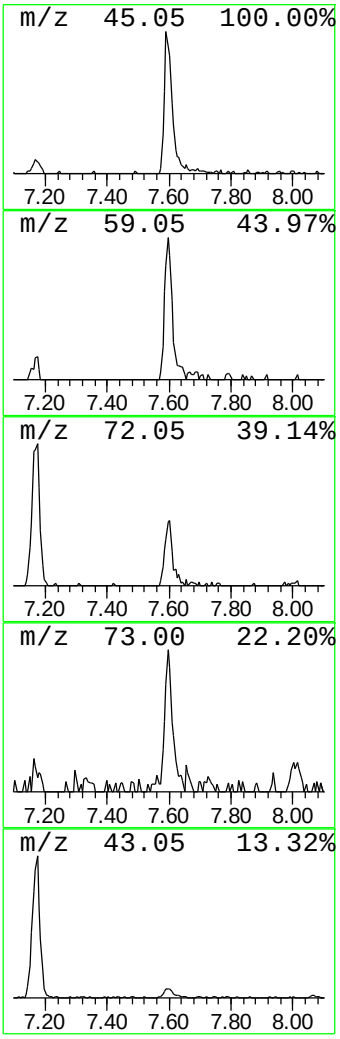
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.79 ng	61139	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
2	Diethyl carbitol	162	C8H18O3	000112-36-7	56
3	Methyl 2-(2-methoxyethoxy)acetate	148	C6H12O4	1000366-88-1	53
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045143.D
Acq On : 23 Apr 2020 15:51
Operator : CG/JU
Sample : L2359-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

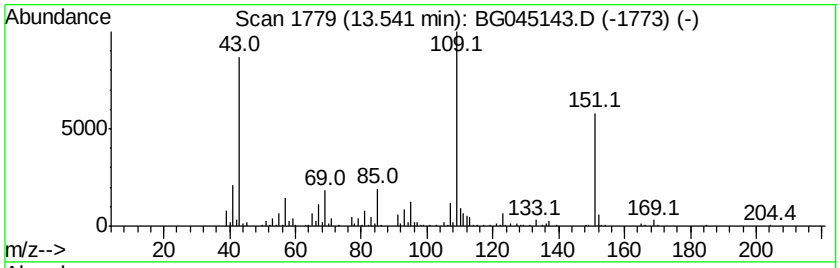
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

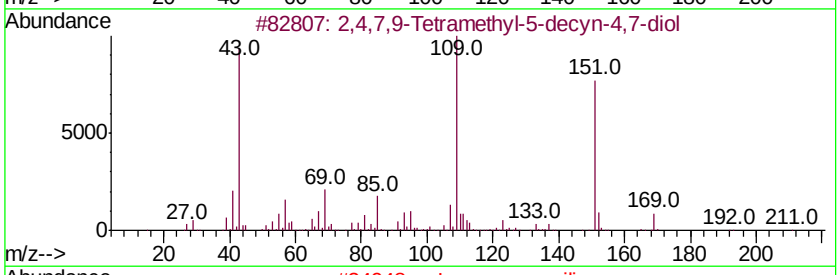
****

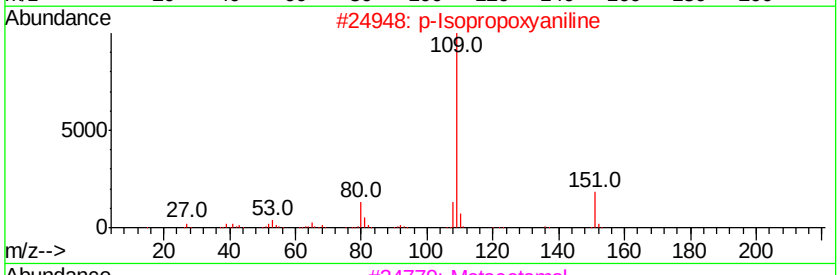
Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

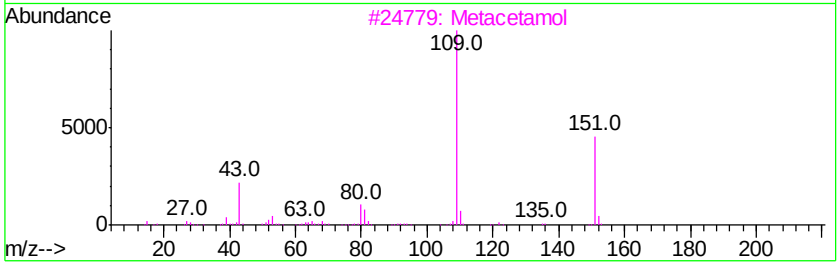
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	7.10 ng	359611	Acenaphthene-d10	14.64

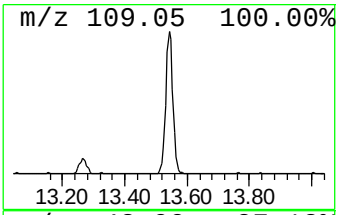
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	62
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	58
3	Metacetamol	151	C8H9NO2	000621-42-1	58
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53

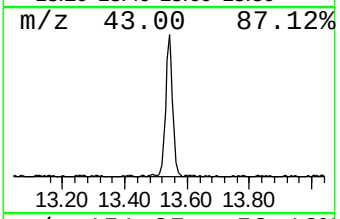


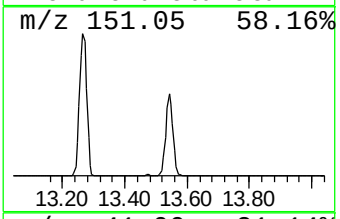


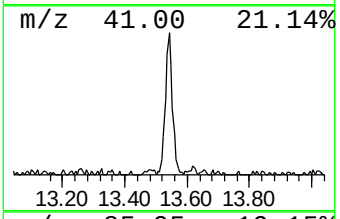


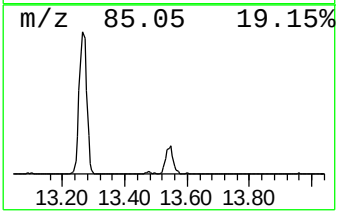












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Sample : L2359-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

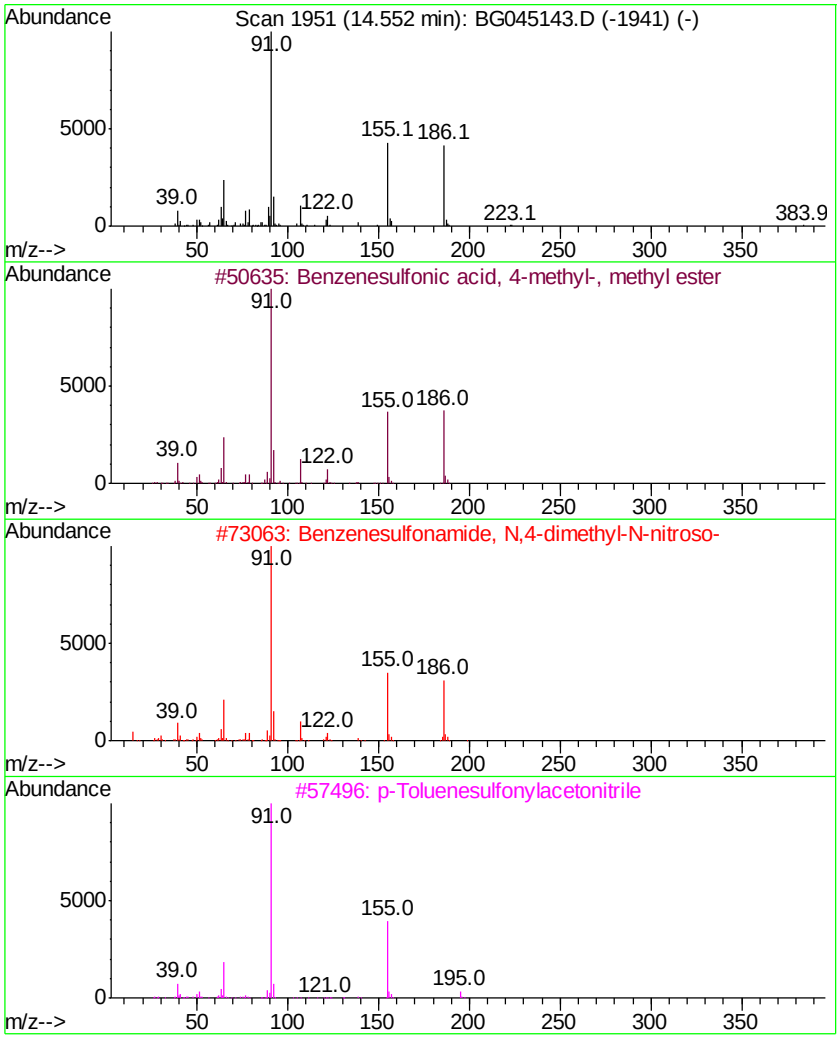
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

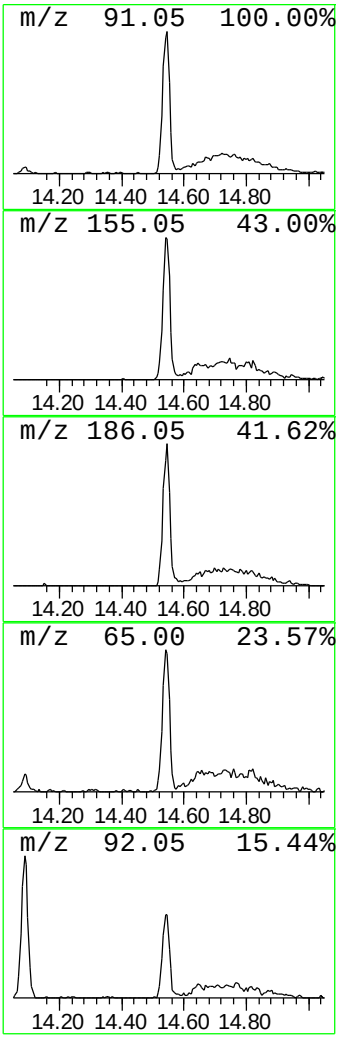
****

Peak Number 5 Benzenesulfonic acid, 4-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	7.16 ng	362406	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonic acid, 4-methyl-,...	186	C8H10O3S	000080-48-8	94
2	Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	91
3	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	38
4	Carbamic acid, [(4-methylphenyl)...	257	C11H15NO4S	018303-02-1	38
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045143.D
Acq On : 23 Apr 2020 15:51
Operator : CG/JU
Sample : L2359-03
Misc :
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Instrument : BNA_G
ClientSampleId : TP-1B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

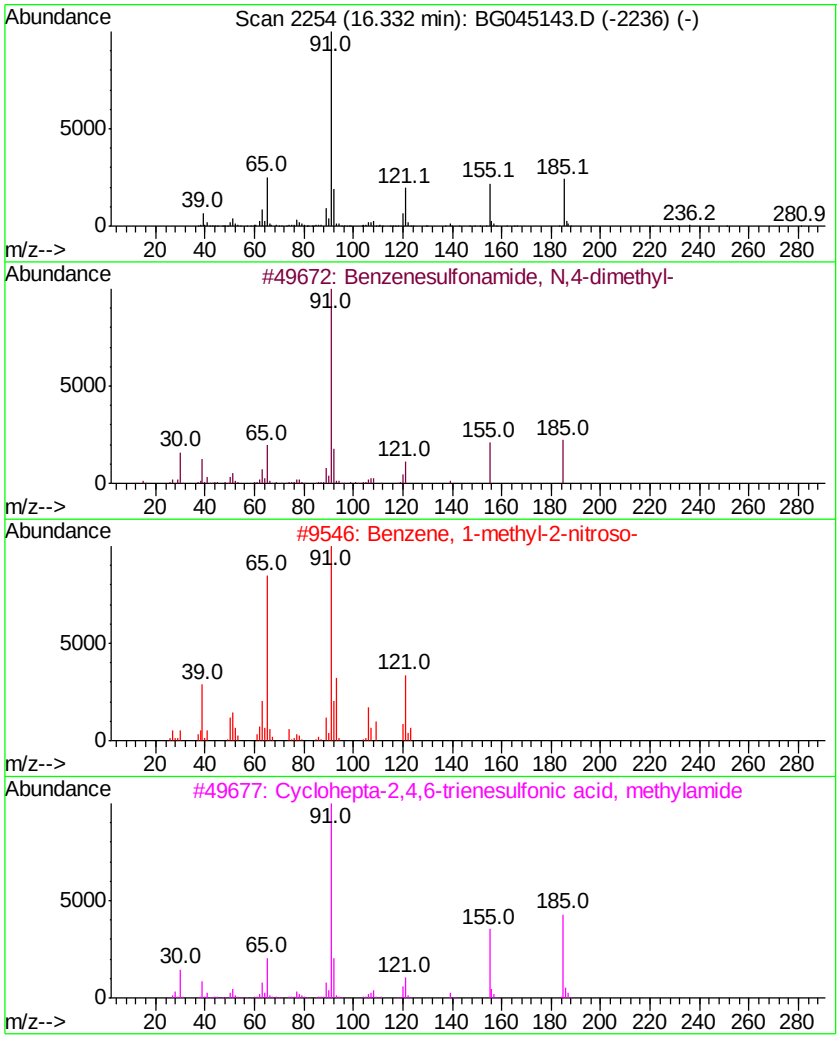
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

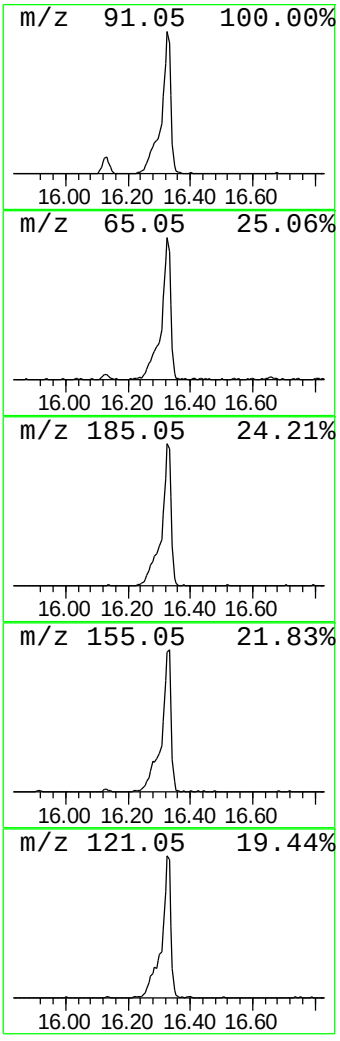
****

Peak Number 6 Benzenesulfonamide, N,4-dim... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	25.08 ng	1516150	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	94
2	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	58
3	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	52
4	Benzenesulfonamide, 4-methyl-N-a...	211	C10H13NO2S	050487-71-3	50
5	1-Hydroxytricyclo[4.3.0.0(4,9)]n...	308	C16H20O4S	201992-83-8	47





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ClientSampleId : TP-1B-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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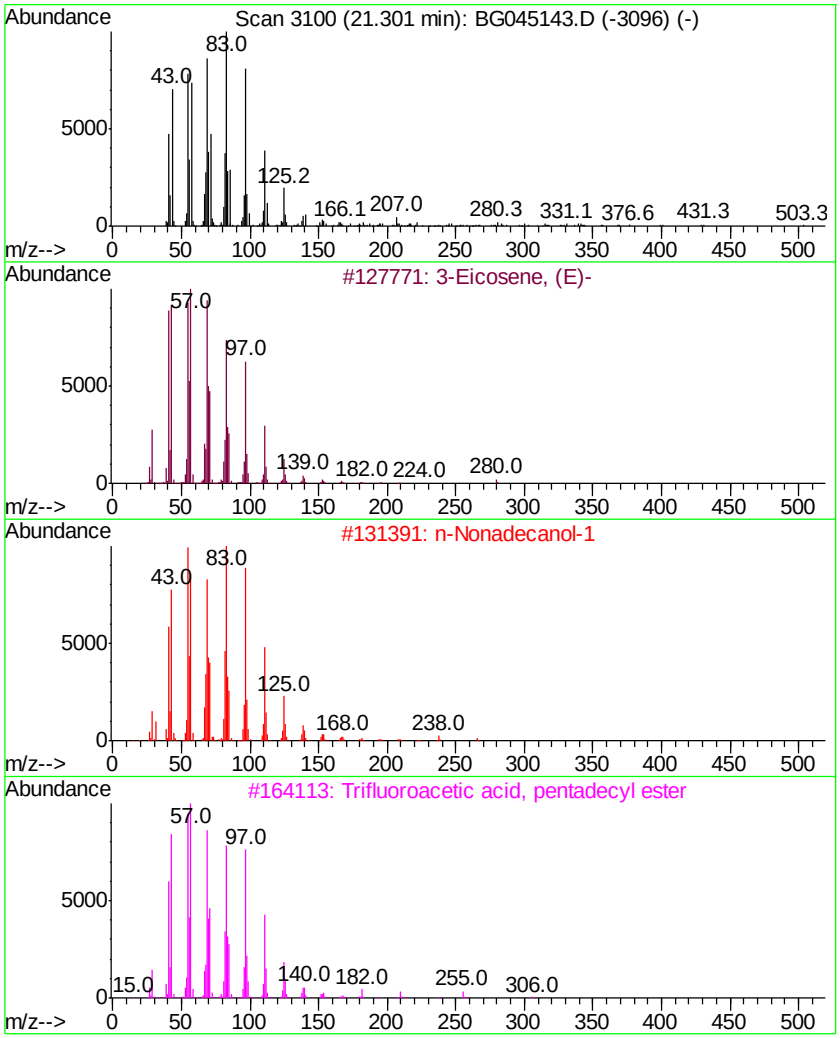
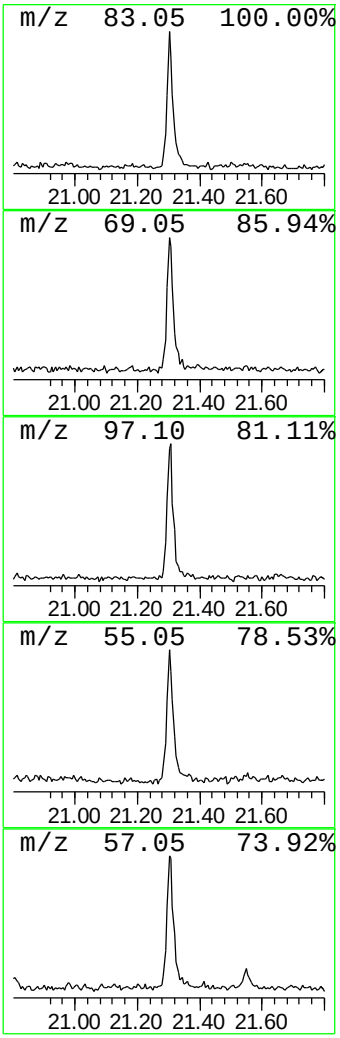
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	6.91 ng	446387	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91





Tentatively Identified Compound (LSC) summary

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ClientSampleId : TP-1B-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	3.18	3.2	ng	69257	1	8.01	438068	20.0
Ethanol, 2-(2-eth...	7.60	2.8	ng	61139	1	8.01	438068	20.0
2,4,7,9-Tetrameth...	13.54	7.1	ng	359611	3	14.64	1012930	20.0
Benzenesulfonic a...	14.55	7.2	ng	362406	3	14.64	1012930	20.0
Benzenesulfonamid...	16.33	25.1	ng	1516150	4	17.39	1209030	20.0
3-Eicosene, (E)-	21.30	6.9	ng	446387	5	21.65	1292460	20.0