LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049122.D
Acq On : 28 Jun 2021 17:01
Operator : CG/JU
Sample : M2827-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.151	13	19	28	rBV	106846	257671	8.37%	2.233%
2	3.233	28	33	40	rVB	44878	77579	2.52%	0.672%
3	5.654	438	445	456	rBV	297025	497707	16.16%	4.314%
4	7.252	711	717	726	rBV	176705	318072	10.33%	2.757%
5	8.104	854	862	868	rBV	111386	199250	6.47%	1.727%
6	9.267	1053	1060	1075	rVB	388310	732781	23.80%	6.351%
7	10.313	1233	1238	1246	rVB4	22454	43917	1.43%	0.381%
8	10.683	1296	1301	1308	rBV2	33799	65138	2.12%	0.565%
9	10.924	1333	1342	1349	rBV	143151	283327	9.20%	2.456%
10	12.793	1654	1660	1666	rBV2	40471	67960	2.21%	0.589%
11	13.369	1748	1758	1766	rBV	1023984	1622881	52.70%	14.066%
12	13.903	1844	1849	1859	rVB5	32792	84973	2.76%	0.736%
13	14.062	1870	1876	1882	rBV	57885	108849	3.53%	0.943%
14	14.297	1912	1916	1919	rBV3	22303	32895	1.07%	0.285%
15	14.743	1986	1992	1999	rBV	248312	396495	12.88%	3.437%
16	15.360	2089	2097	2102	rBV8	17191	37665	1.22%	0.326%
17	15.789	2163	2170	2175	rBV5	14941	31230	1.01%	0.271%
18	16.230	2238	2245	2255	rBV	1039949	1697986	55.14%	14.717%
19	17.493	2453	2460	2469	rBV	327881	502345	16.31%	4.354%
20	19.126	2734	2738	2745	rBV	49915	74441	2.42%	0.645%
21	20.096	2897	2903	2910	rBV	2250630	3079366	100.00%	26.690%
22	21.412	3123	3127	3136	rVB6	31007	72063	2.34%	0.625%
23	21.494	3136	3141	3144	rBV	30601	46713	1.52%	0.405%
24	21.776	3183	3189	3196	rVB2	355898	579484	18.82%	5.023%
25	25.096	3744	3754	3768	rVB3	207671	626667	20.35%	5.432%

Sum of corrected areas: 11537455

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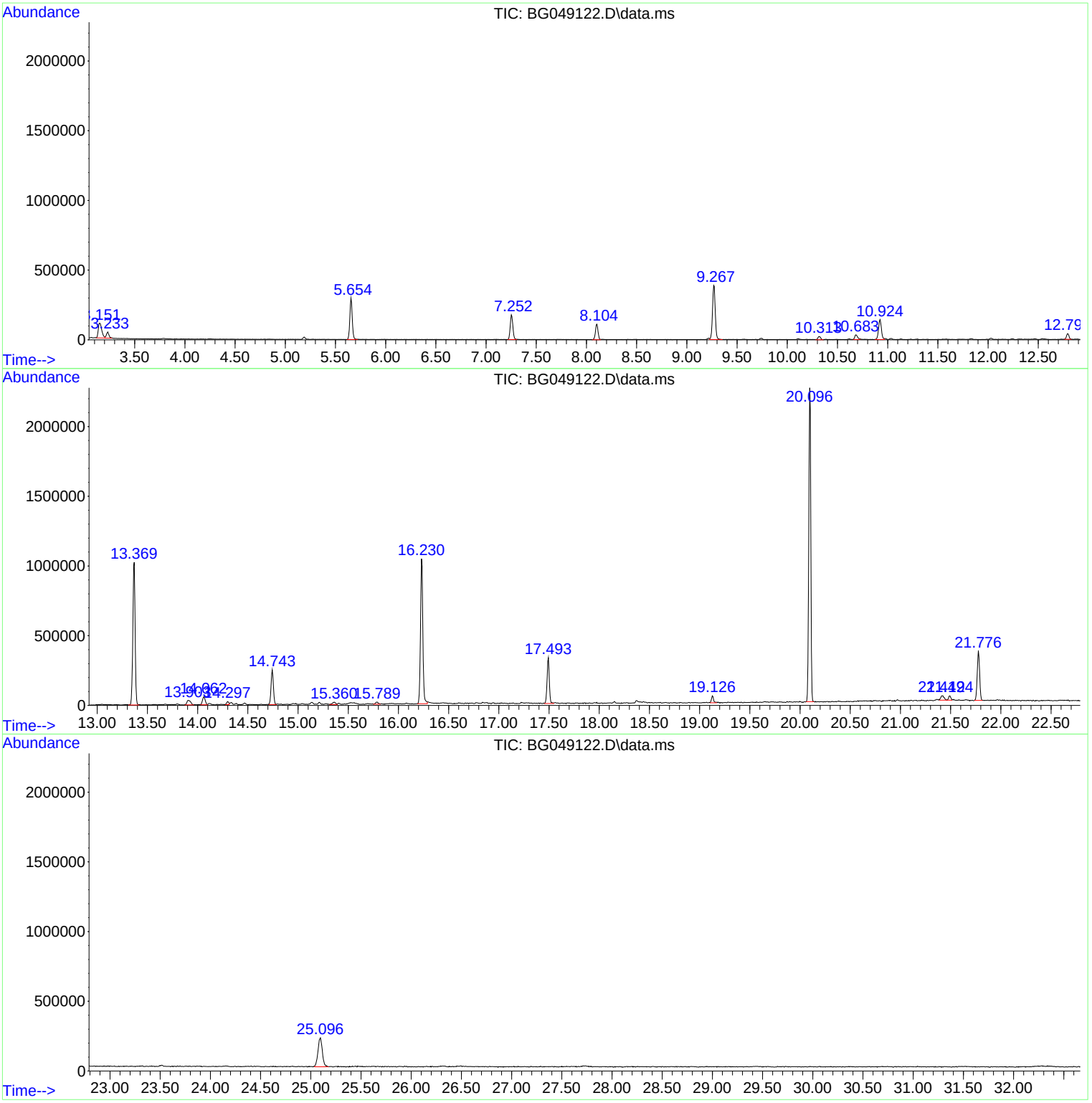
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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\BG062821\
Data File : BG049122.D
Acq On : 28 Jun 2021 17:01
Operator : CG/JU
Sample : M2827-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

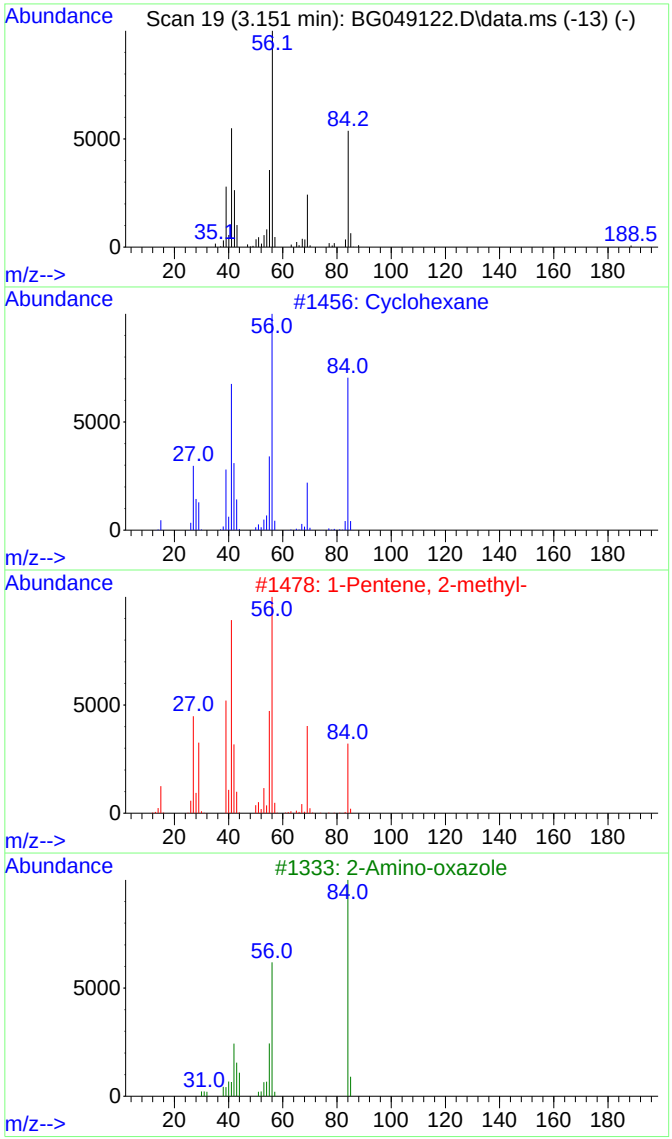
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

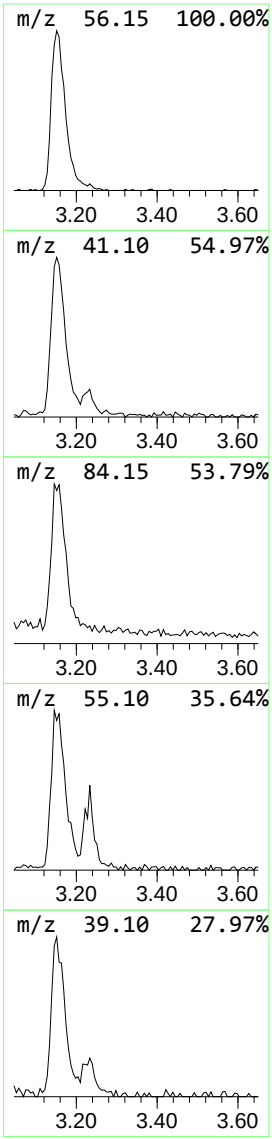
****

Peak Number 1 Cyclohexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.151	25.86 ng	257671	1,4-Dichlorobenzene-d4	8.098

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	2-Amino-oxazole	84	C3H4N2O	004570-45-0	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5	1-Hexene	84	C6H12	000592-41-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049122.D
Acq On : 28 Jun 2021 17:01
Operator : CG/JU
Sample : M2827-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-5

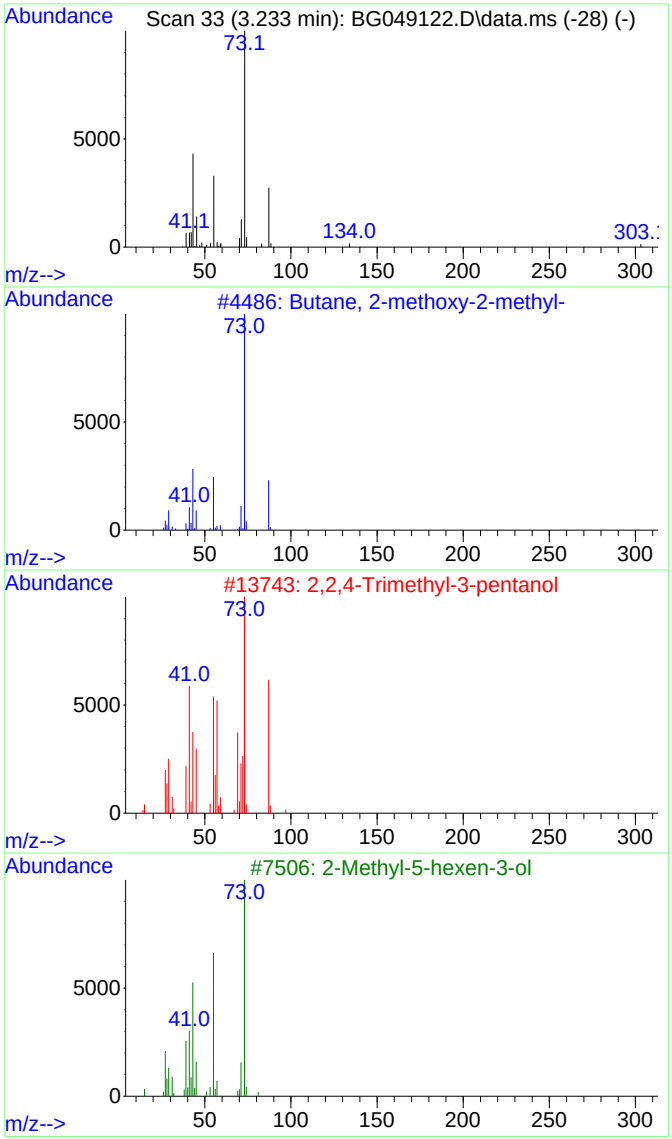
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

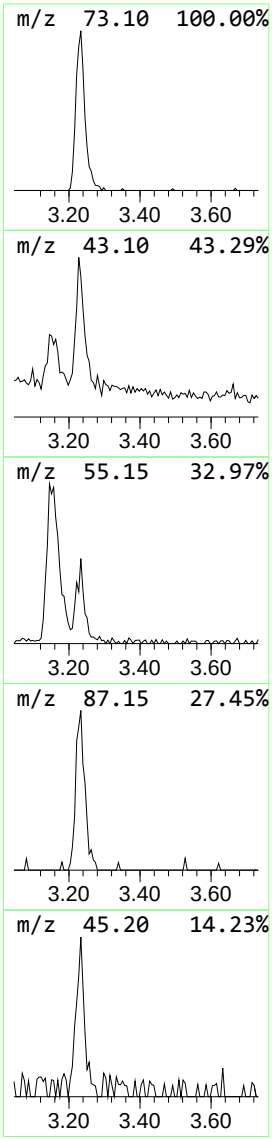
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.233	7.79 ng	77579	1,4-Dichlorobenzene-d4	8.098

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	45
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049122.D
Acq On : 28 Jun 2021 17:01
Operator : CG/JU
Sample : M2827-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

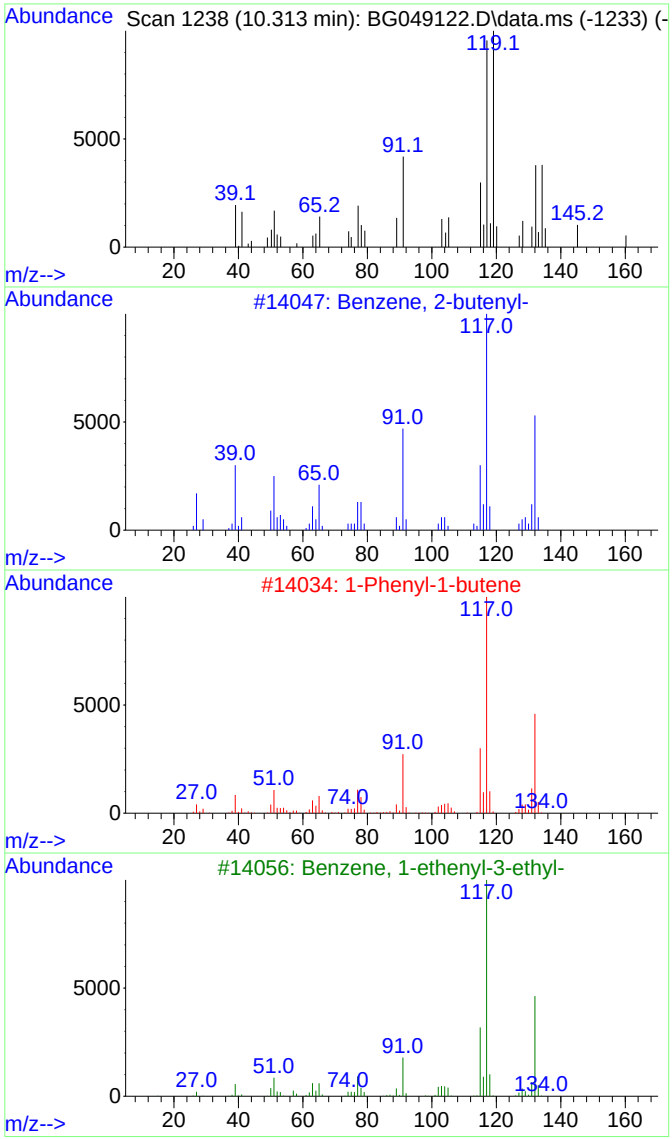
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

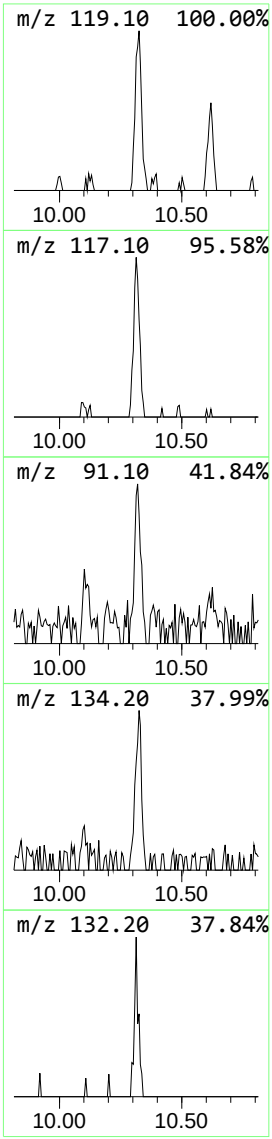
****

Peak Number 3 Benzene, 2-butenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.313	3.10 ng	43917	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	50
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
5	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
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Acq On : 28 Jun 2021 17:01
Operator : CG/JU
Sample : M2827-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-5

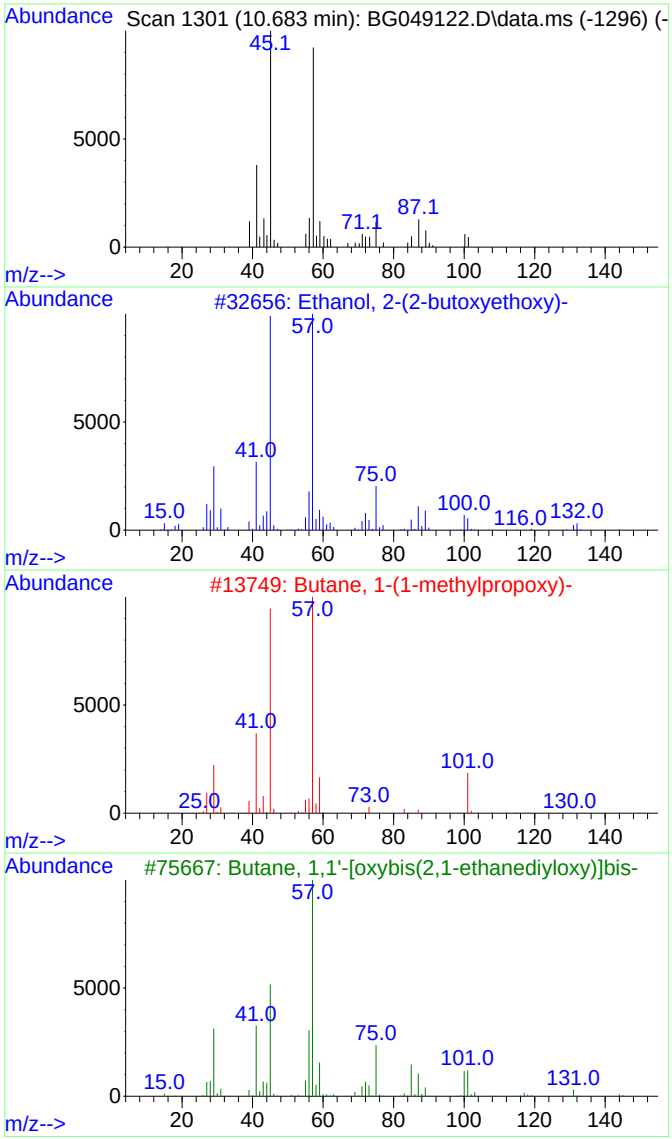
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

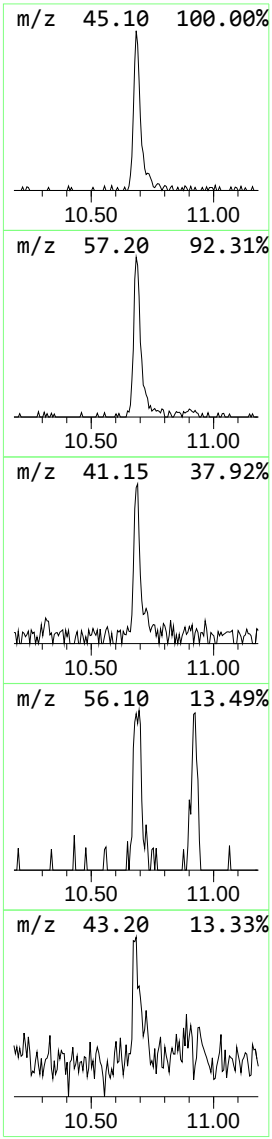
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.683	4.60 ng	65138	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	59
3	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	56
4	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049122.D
Acq On : 28 Jun 2021 17:01
Operator : CG/JU
Sample : M2827-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

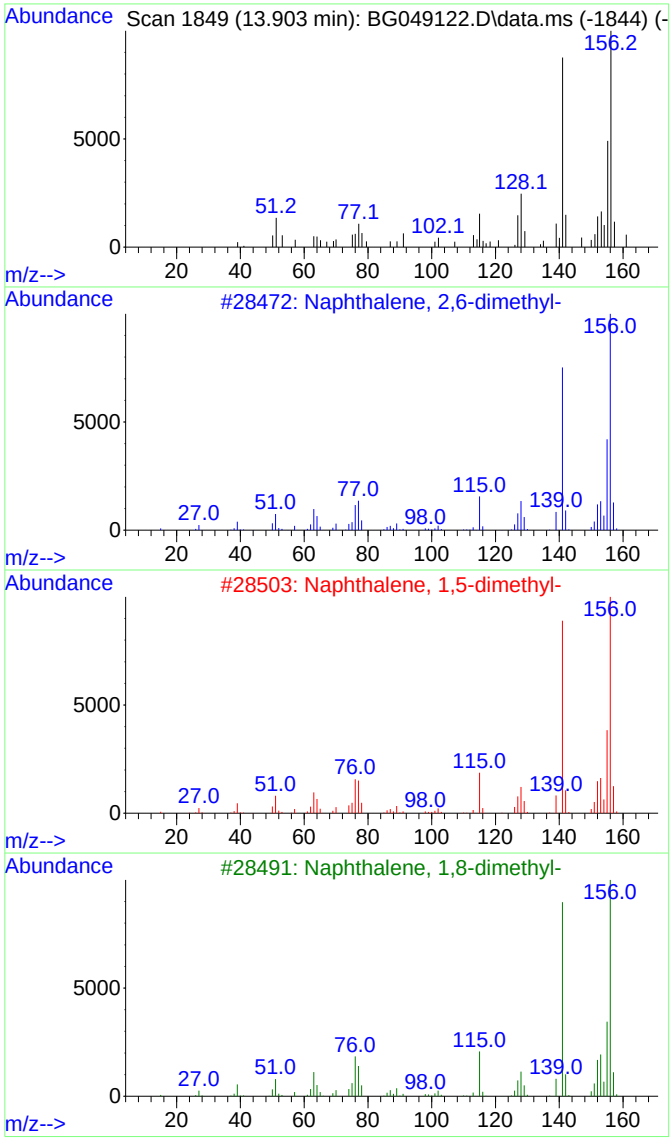
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

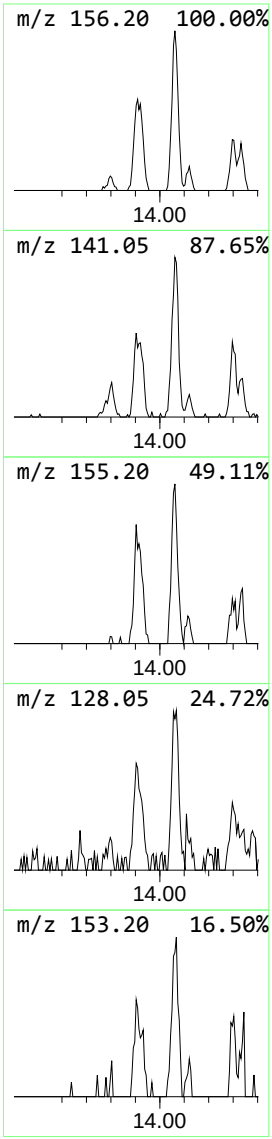
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.903	4.29 ng	84973	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	90
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

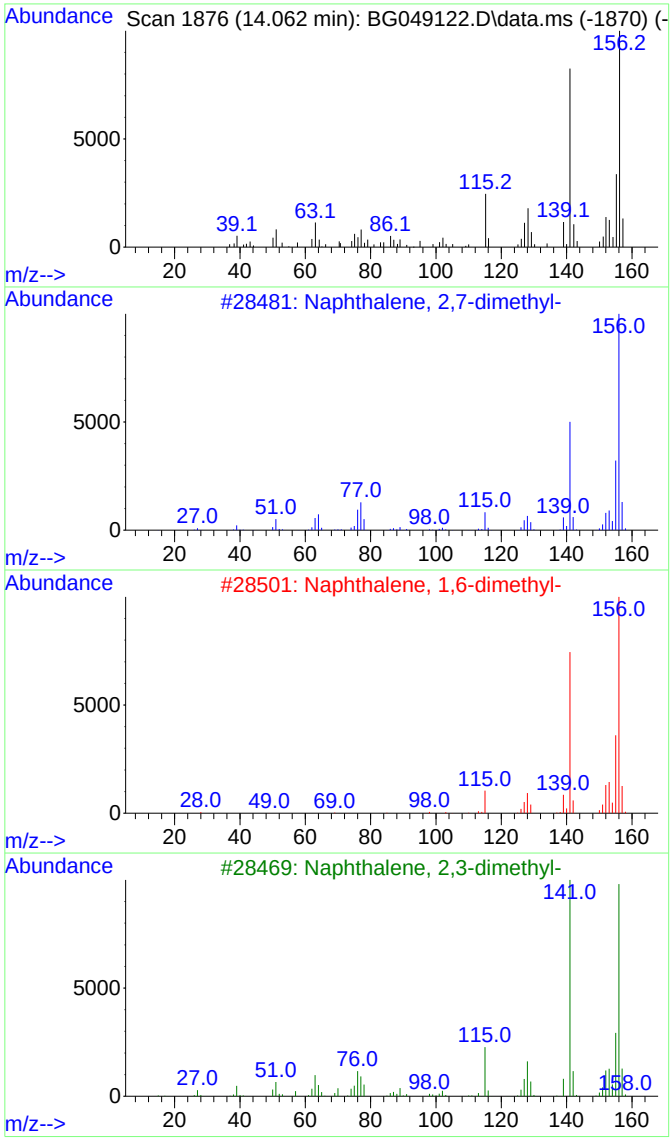
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

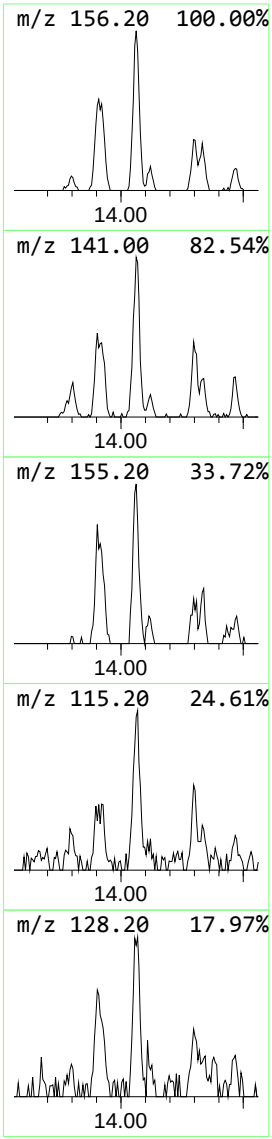
****

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	5.49 ng	108849	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





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Sample : M2827-07
Misc :
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Instrument :
BNA_G
ClientSampleId :
DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

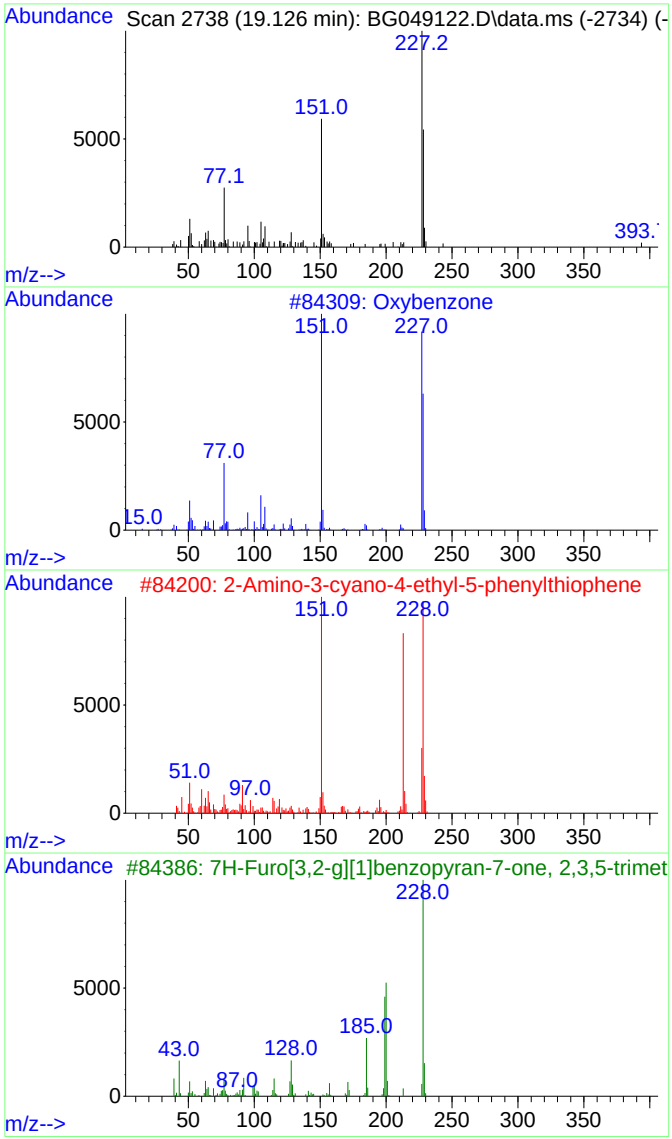
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

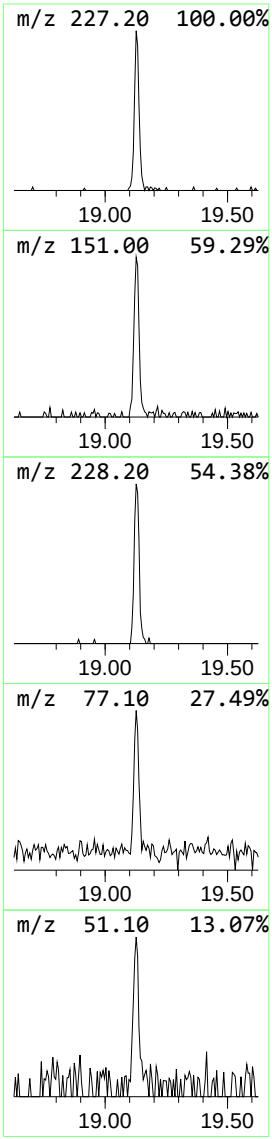
****

Peak Number 7 Oxybenzone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	2.96 ng	74441	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybenzone	228	C14H12O3	000131-57-7	95
2	2-Amino-3-cyano-4-ethyl-5-phenyl...	228	C13H12N2S	1000251-78-4	38
3	7H-Furo[3,2-g][1]benzopyran-7-on...	228	C14H12O3	013008-11-2	11
4	1,4-Dimethoxy-2,3-dimethylbenzene	166	C10H14O2	039021-83-5	10
5	Vanilic acid hydrazide	182	C8H10N2O3	100377-63-7	10





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

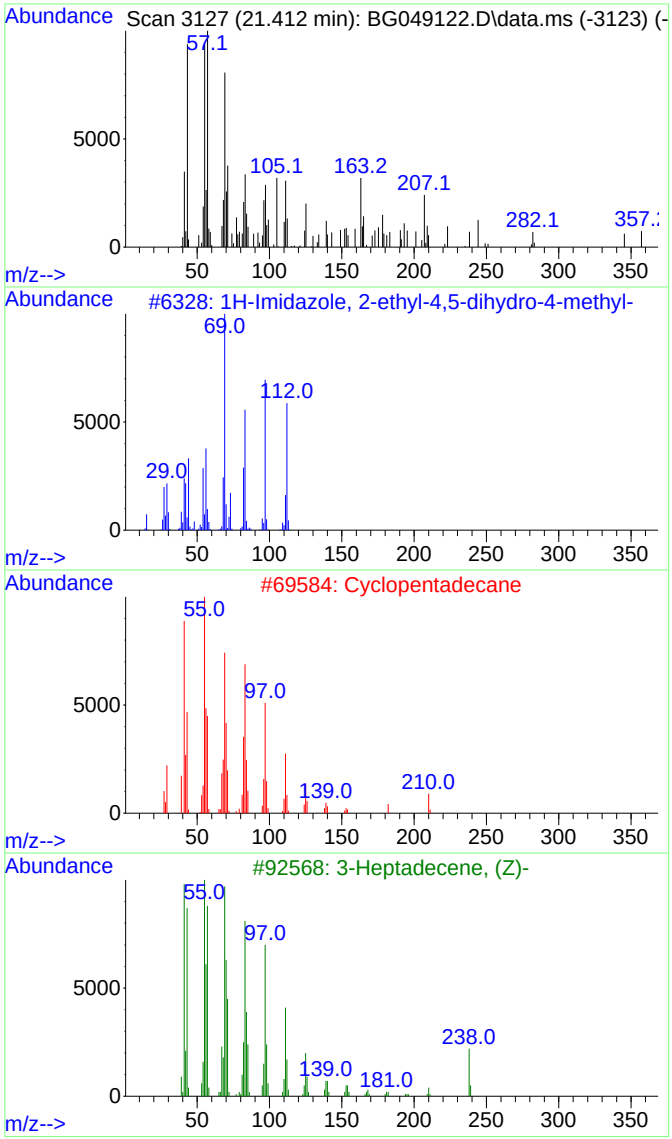
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

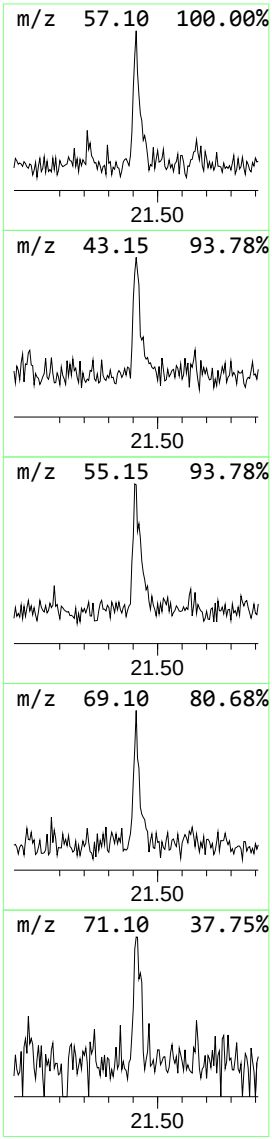
****

Peak Number 8 unknown21.412 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.412	2.49 ng	72063	Chrysene-d12	21.776

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 2-ethyl-4,5-dihydr...	112	C6H12N2	000931-35-1	38
2	Cyclopentadecane	210	C15H30	000295-48-7	25
3	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	25
4	1-Pentadecanethiol	244	C15H32S	025276-70-4	25
5	8-Heptadecene	238	C17H34	002579-04-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049122.D
Acq On : 28 Jun 2021 17:01
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
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
Cyclohexane	3.151	25.9	ng	257671	1	8.098	199250	20.0
Butane, 2-metho...	3.233	7.8	ng	77579	1	8.098	199250	20.0
Benzene, 2-bute...	10.313	3.1	ng	43917	2	10.924	283327	20.0
Ethanol, 2-(2-b...	10.683	4.6	ng	65138	2	10.924	283327	20.0
Naphthalene, 2,...	13.903	4.3	ng	84973	3	14.743	396495	20.0
Naphthalene, 2,...	14.062	5.5	ng	108849	3	14.743	396495	20.0
Oxybenzone	19.127	3.0	ng	74441	4	17.493	502345	20.0
unknown21.412	21.412	2.5	ng	72063	5	21.776	579484	20.0