LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-BM040116.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.969	43	48	69	rVB	1660967	2758456	31.90%	5.560%
2	5.163	413	421	434	rBV	3375095	6596789	76.28%	13.298%
3	7.157	753	760	768	rBV	194388	306144	3.54%	0.617%
4	7.357	786	794	798	rBV	191884	342975	3.97%	0.691%
5	7.716	848	855	865	rVB	947583	1579103	18.26%	3.183%
6	7.869	867	881	891	rBV	3331136	6885573	79.62%	13.880%
7	8.192	925	936	942	rBV	3836905	8647738	100.00%	17.432%
8	8.522	986	992	1003	rVB	155928	246011	2.84%	0.496%
9	8.981	1063	1070	1073	rBV	244019	422989	4.89%	0.853%
10	9.028	1073	1078	1087	rVB	728988	1245485	14.40%	2.511%
11	9.422	1140	1145	1151	rVB	61754	97812	1.13%	0.197%
12	9.698	1185	1192	1203	rBV	213455	364081	4.21%	0.734%
13	10.233	1277	1283	1290	rBV	298464	521253	6.03%	1.051%
14	10.298	1290	1294	1302	rVB	75059	117712	1.36%	0.237%
15	10.392	1304	1310	1317	rBV	56754	92307	1.07%	0.186%
16	10.481	1317	1325	1338	rBV	1449179	2606623	30.14%	5.254%
17	10.616	1341	1348	1356	rBV	307141	512469	5.93%	1.033%
18	10.998	1405	1413	1421	rBV	639142	1076079	12.44%	2.169%
19	11.210	1443	1449	1455	rVB	374492	602874	6.97%	1.215%
20	11.428	1479	1486	1493	rVB	88355	151674	1.75%	0.306%
21	13.263	1791	1798	1806	rVB2	204585	340231	3.93%	0.686%
22	13.469	1827	1833	1842	rBV	188989	273000	3.16%	0.550%
23	13.869	1892	1901	1906	rBV	660702	1060859	12.27%	2.138%
24	14.151	1942	1949	1956	rBV	726669	1074180	12.42%	2.165%
25	14.457	1992	2001	2011	rVB2	458926	741825	8.58%	1.495%
26	15.451	2164	2170	2176	rBV	953894	1388067	16.05%	2.798%
27	15.568	2184	2190	2199	rBV	356384	489665	5.66%	0.987%
28	17.204	2462	2468	2478	rBV	612902	884946	10.23%	1.784%
29	17.304	2478	2485	2494	rBV	1074033	1557438	18.01%	3.139%
30	19.598	2866	2875	2884	rBV	1416658	1916429	22.16%	3.863%
31	21.392	3174	3180	3187	rBV	924043	1211354	14.01%	2.442%
32	23.539	3537	3545	3556	rBV	1148155	2243866	25.95%	4.523%
33	23.686	3562	3570	3581	rVB	649983	1252076	14.48%	2.524%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-BM040116.M
Title : SVOA CALIBRATION

Sum of corrected areas: 49608083

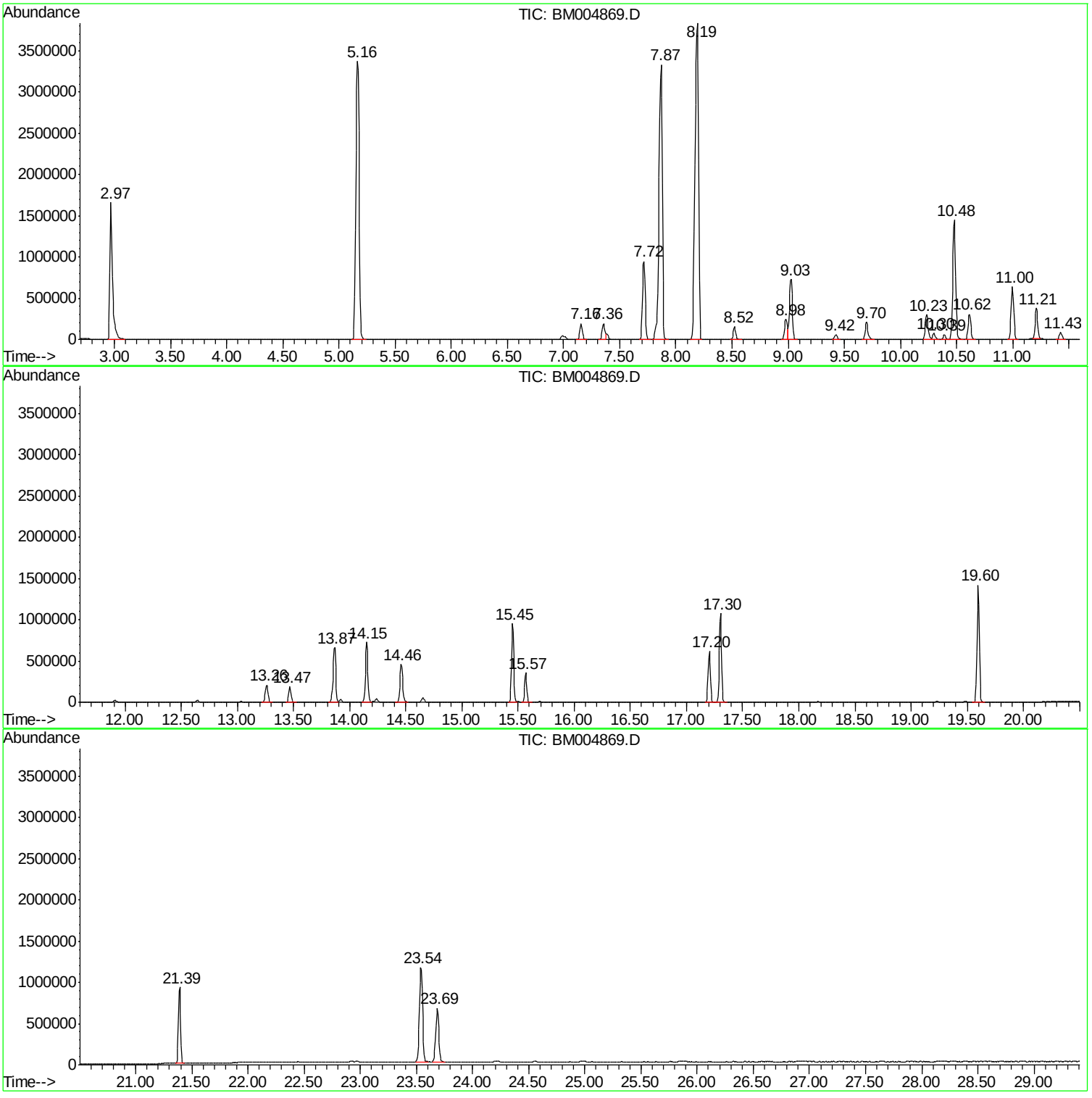
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

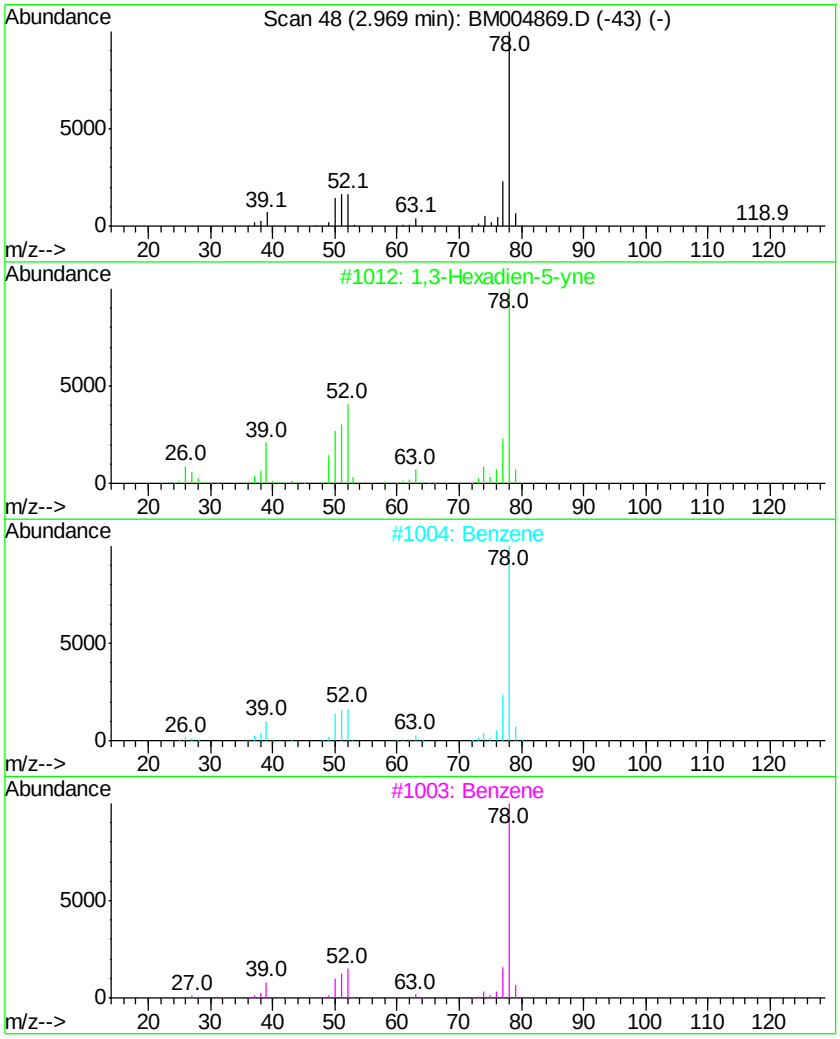
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

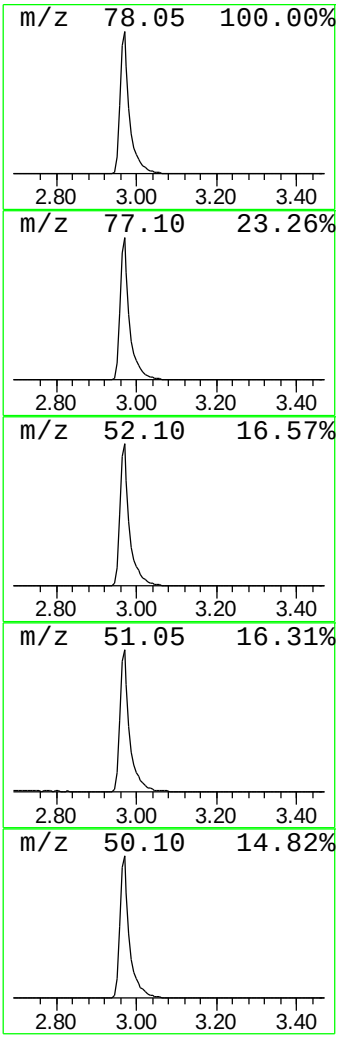
****

Peak Number 1 1,3-Hexadien-5-yne Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	8.01 ng/ul	2758460	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadien-5-yne	78	C6H6	010420-90-3	91
2	Benzene	78	C6H6	000071-43-2	91
3	Benzene	78	C6H6	000071-43-2	91
4	Benzene	78	C6H6	000071-43-2	91
5	Benzene	78	C6H6	000071-43-2	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

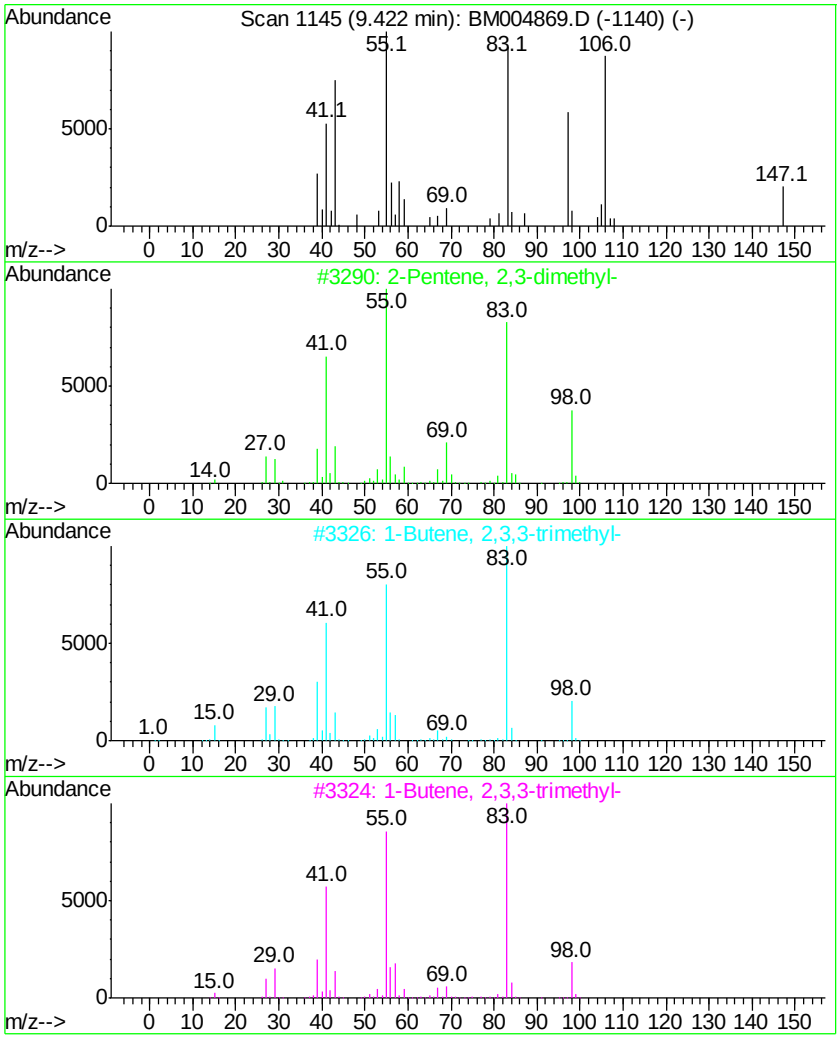
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

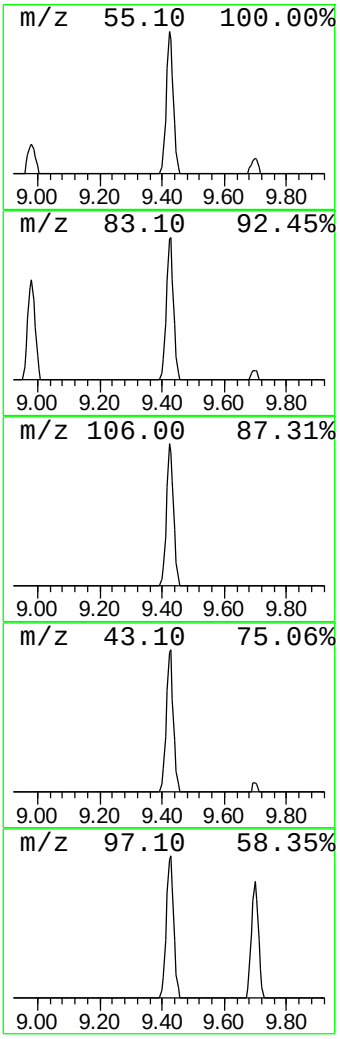
****

Peak Number 5 (DEL) Alkane: Cyclic9.42 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.82 ng/ul	97812	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	27
2	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
4	Cyclopentane acetic acid hydrazide	142	C7H14N2O	020287-25-6	22
5	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

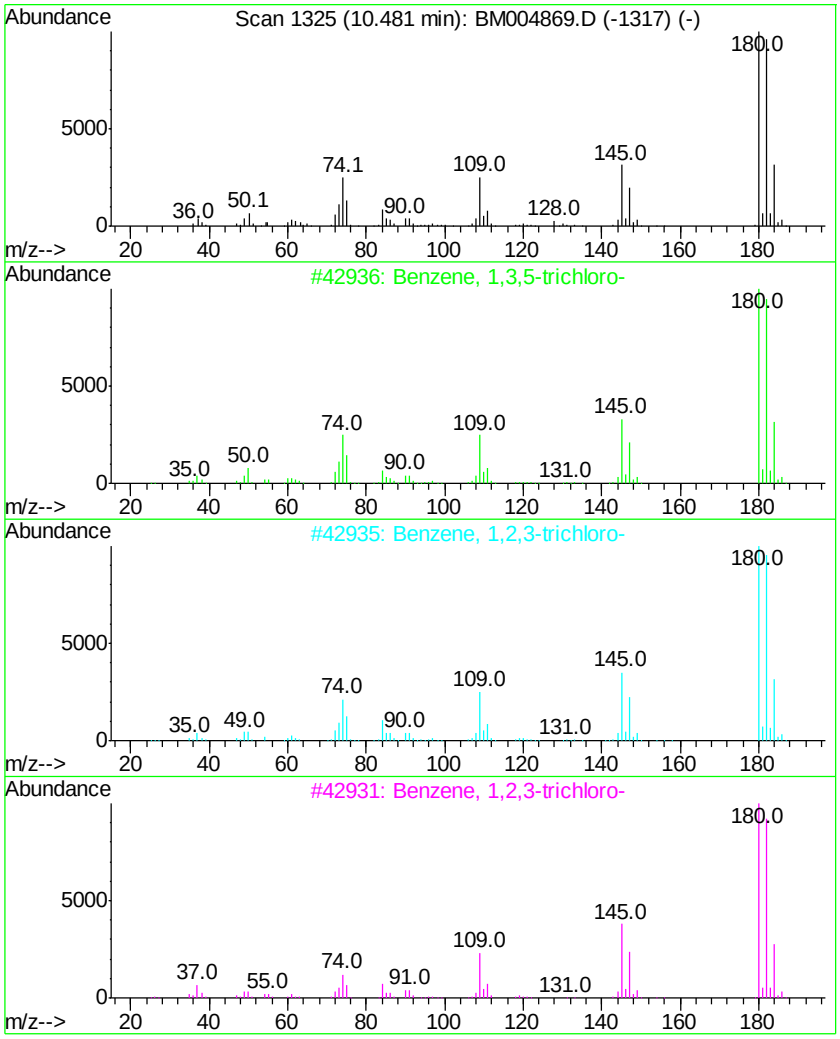
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

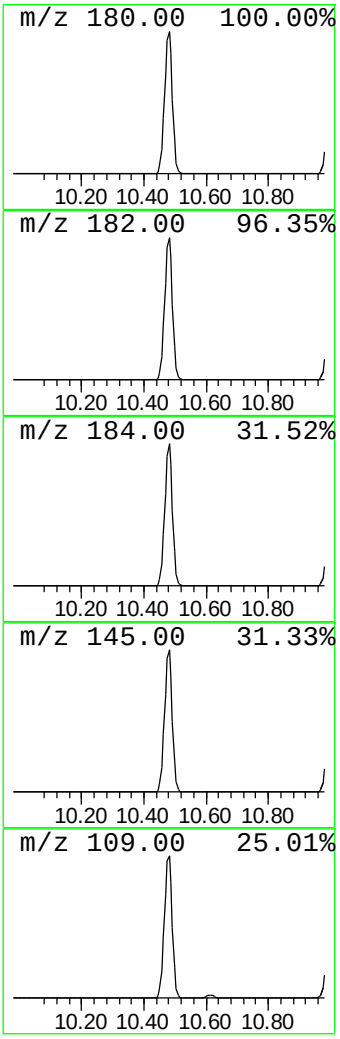
****

Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	101.73 ng/ul	2606620	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

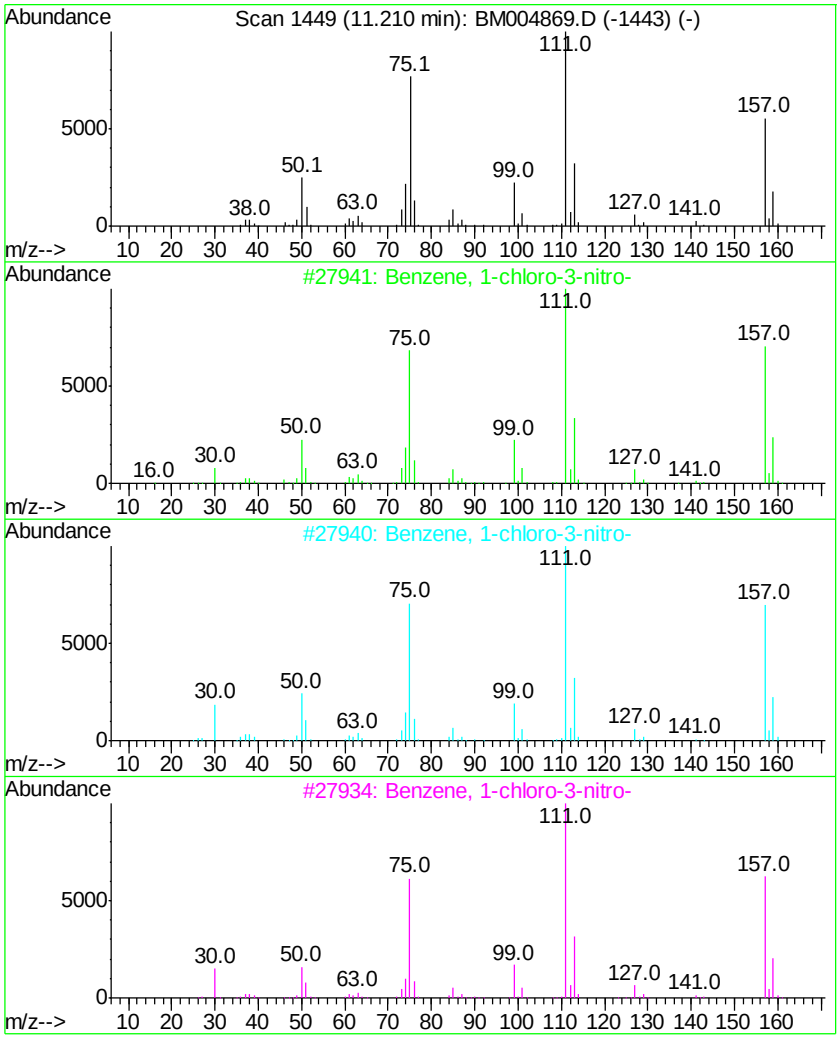
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

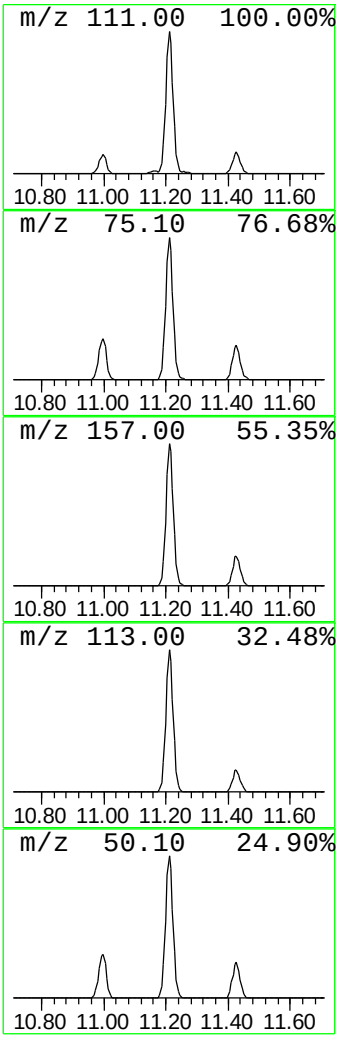
****

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	23.53 ng/ul	602874	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

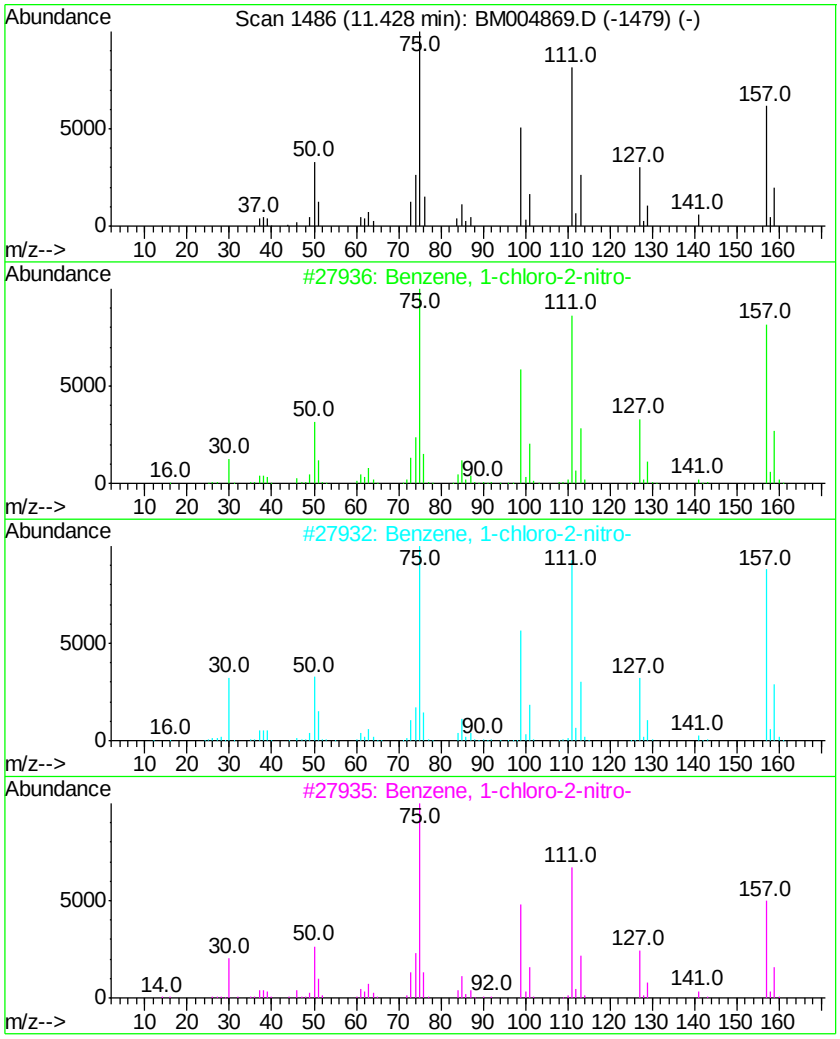
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

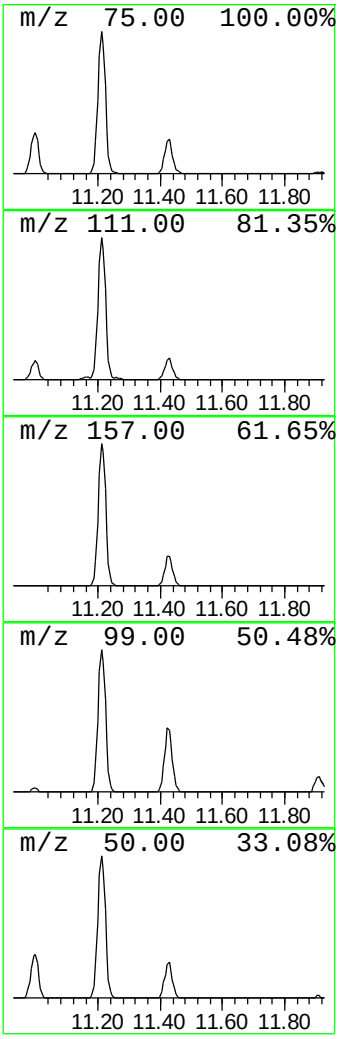
****

Peak Number 10 Benzene, 1-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	5.92 ng/ul	151674	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

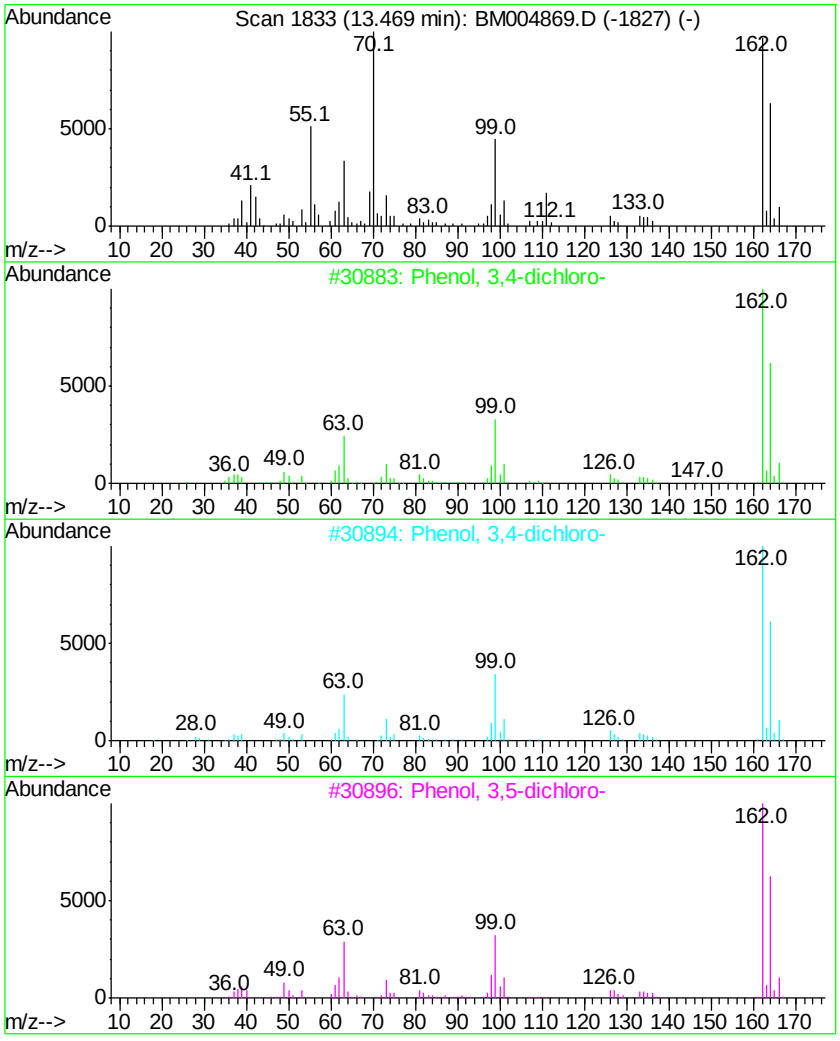
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

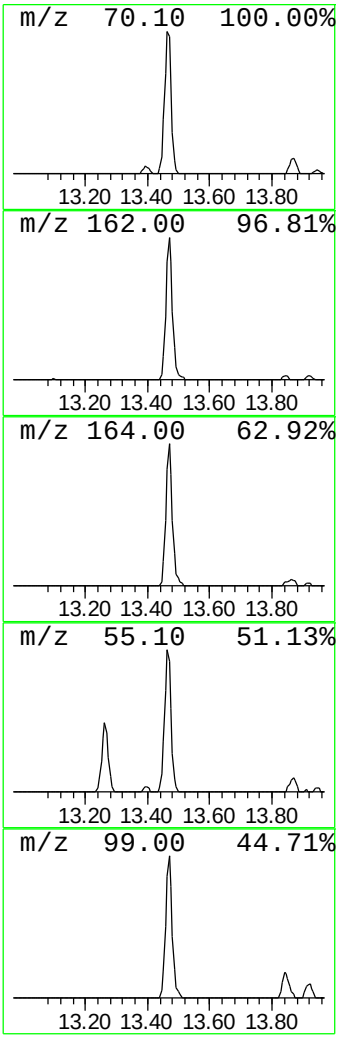
****

Peak Number 11 Phenol, 3,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	7.36 ng/ul	273000	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Hexadien-5-yne	2.97	8.0	ng/ul	2758460	1	7.83	6885570	20.0
(DEL) Alkane: Cyc...	9.42	3.8	ng/ul	97812	2	10.62	512469	20.0
Benzene, 1,3,5-tr...	10.48	101.7	ng/ul	2606620	2	10.62	512469	20.0
Benzene, 1-chloro...	11.21	23.5	ng/ul	602874	2	10.62	512469	20.0
Benzene, 1-chloro...	11.43	5.9	ng/ul	151674	2	10.62	512469	20.0
Phenol, 3,4-dichl...	13.47	7.4	ng/ul	273000	3	14.46	741825	20.0