LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

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-2016\SOM02.2-EPA-BM121416.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	2.775	27	32	50	rBV2	40058220	66278675	100.00%	44.804%
2	6.851	719	725	739	rBV2	537603	1424615	2.15%	0.963%
3	7.198	778	784	788	rBV	588231	1038761	1.57%	0.702%
4	7.551	837	844	852	rBV	430561	694060	1.05%	0.469%
5	7.663	853	863	866	rVV2	518435	1040985	1.57%	0.704%
6	7.698	866	869	877	rVB	438278	672092	1.01%	0.454%
7	8.010	915	922	931	rVB	510502	834467	1.26%	0.564%
8	8.381	979	985	997	rBV	621416	1148485	1.73%	0.776%
9	8.822	1054	1060	1077	rBV	508095	927958	1.40%	0.627%
10	9.539	1172	1182	1192	rBV	435436	779231	1.18%	0.527%
11	10.081	1267	1274	1298	rBV2	565689	1938311	2.92%	1.310%
12	10.304	1305	1312	1320	rVB	510337	837049	1.26%	0.566%
13	10.434	1325	1334	1339	rBV	623296	1094145	1.65%	0.740%
14	10.486	1339	1343	1352	rVV	611197	985425	1.49%	0.666%
15	10.592	1355	1361	1379	rBV	485459	1068309	1.61%	0.722%
16	10.757	1382	1389	1396	rVB	764400	1241339	1.87%	0.839%
17	12.633	1695	1708	1721	rBV	312358	1099614	1.66%	0.743%
18	12.880	1722	1750	1767	rVB2	366739	2078619	3.14%	1.405%
19	13.722	1887	1893	1910	rBV	1206107	1735952	2.62%	1.173%
20	13.904	1918	1924	1933	rBV	601346	964045	1.45%	0.652%
21	13.998	1933	1940	1954	rVB	1385842	2135565	3.22%	1.444%
22	14.304	1985	1992	1997	rBV	989224	1393467	2.10%	0.942%
23	14.369	1997	2003	2011	rVB	932268	1368447	2.06%	0.925%
24	14.710	2055	2061	2075	rVB	625732	1008274	1.52%	0.682%
25	15.133	2128	2133	2141	rVB	997561	1335224	2.01%	0.903%
26	15.304	2156	2162	2167	rBV	1809550	2512768	3.79%	1.699%
27	15.357	2167	2171	2184	rVB	977859	1435920	2.17%	0.971%
28	15.463	2184	2189	2199	rBV	419778	732864	1.11%	0.495%
29	16.363	2337	2342	2350	rBV	1002133	1381108	2.08%	0.934%
30	16.721	2397	2403	2412	rBV	912274	1519736	2.29%	1.027%
31	16.810	2412	2418	2428	rVB	1499471	2065853	3.12%	1.396%
32	17.057	2454	2460	2466	rBV	1147156	1633673	2.46%	1.104%
33	17.157	2471	2477	2481	rVV2	1957360	2996816	4.52%	2.026%
34	17.192	2481	2483	2497	rVB	1035630	1289787	1.95%	0.872%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

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-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	19.462	2862	2869	2871	rBV2	2259832	3385403	5.11%	2.288%
36	19.486	2871	2873	2884	rVB	1502265	2011783	3.04%	1.360%
37	20.386	3022	3026	3032	rBV	2525243	2938690	4.43%	1.987%
38	21.162	3153	3158	3163	rBV	2558268	2775601	4.19%	1.876%
39	21.250	3166	3173	3177	rBV2	2072169	4360958	6.58%	2.948%
40	21.292	3177	3180	3189	rVB	1627156	2293046	3.46%	1.550%
41	22.815	3434	3439	3443	rBV	2234040	3616166	5.46%	2.444%
42	22.862	3443	3447	3457	rVB	1322066	2178970	3.29%	1.473%
43	23.344	3522	3529	3533	rBV2	1960149	3766481	5.68%	2.546%
44	23.386	3533	3536	3546	rVB	1116977	2019569	3.05%	1.365%
45	23.486	3547	3553	3562	rVB	1086449	2118425	3.20%	1.432%
46	25.721	3924	3933	3948	rVB2	2086491	5774977	8.71%	3.904%

Sum of corrected areas: 147931708

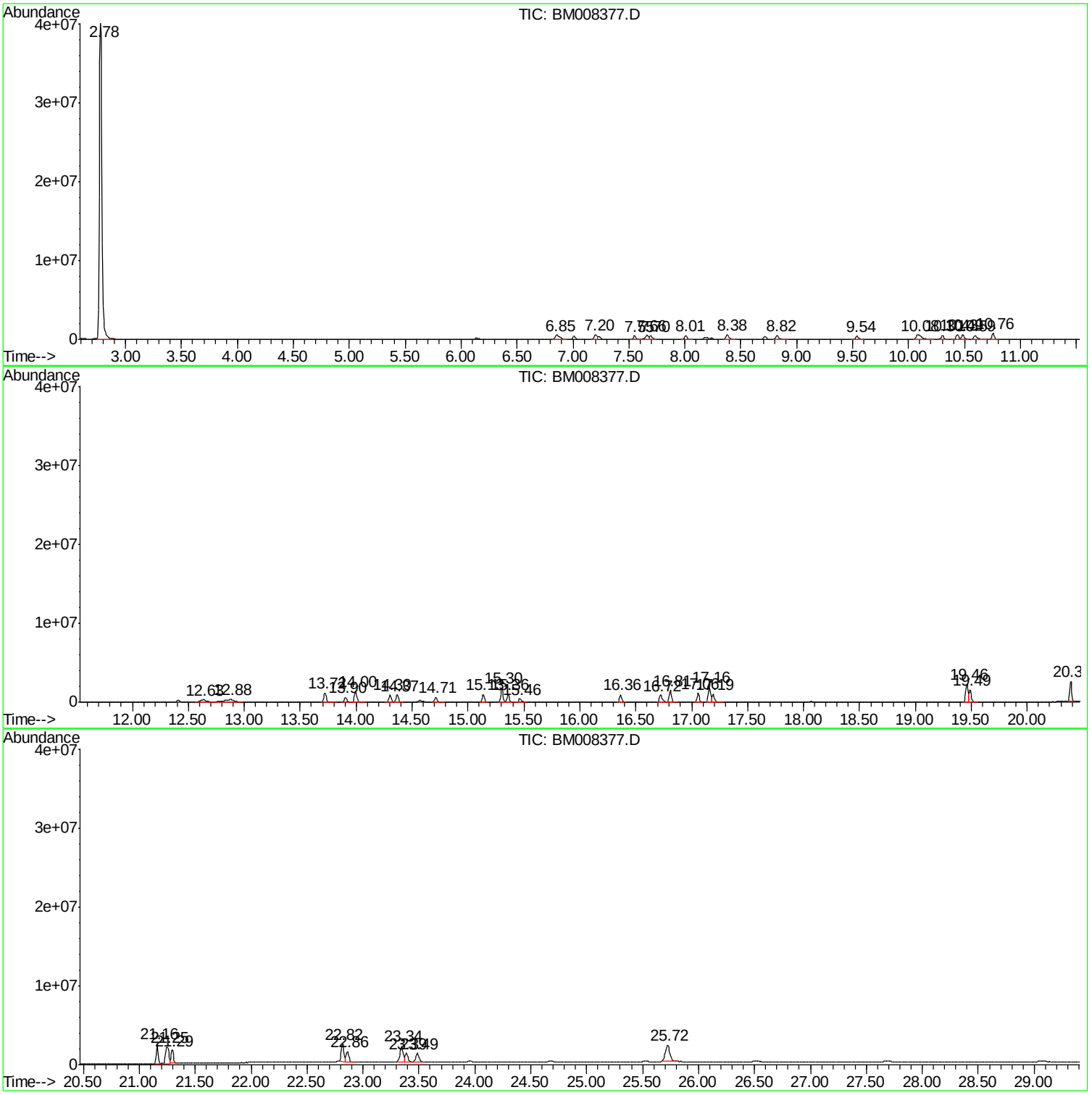
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

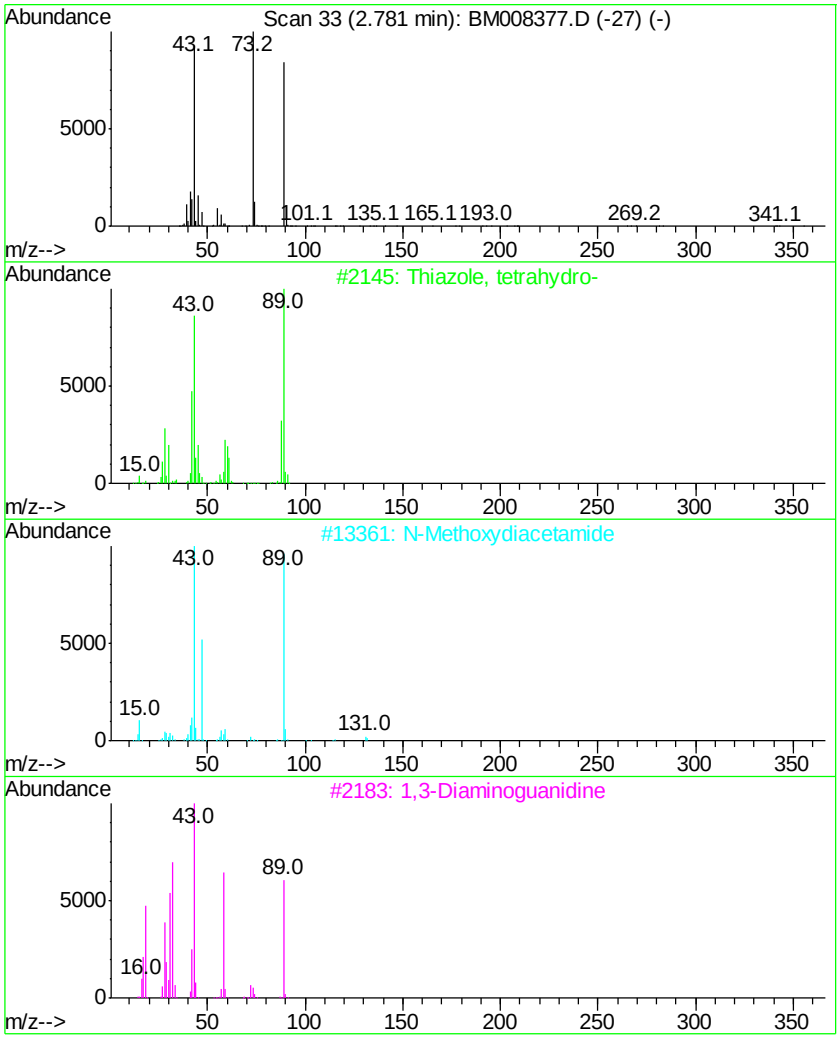
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

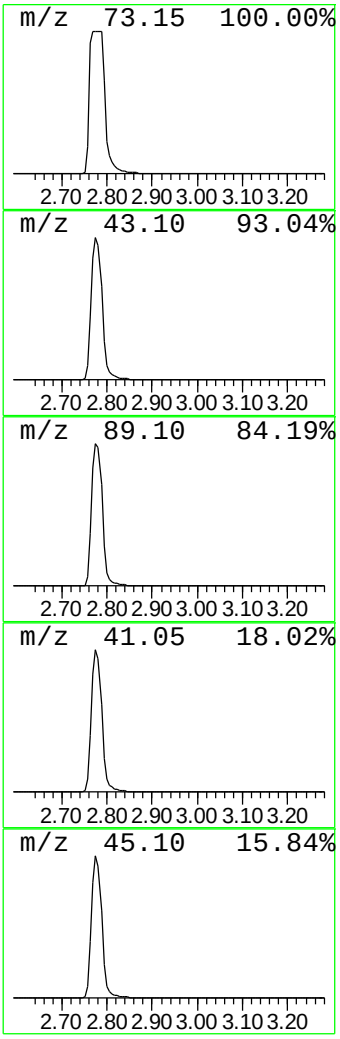
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	1273.38 ng/ul	66278700	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	40
2	N-Methoxydiacetamide	131	C5H9NO3	128459-09-6	40
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	5
4	Thiopropionamide	89	C3H7NS	000631-58-3	4
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

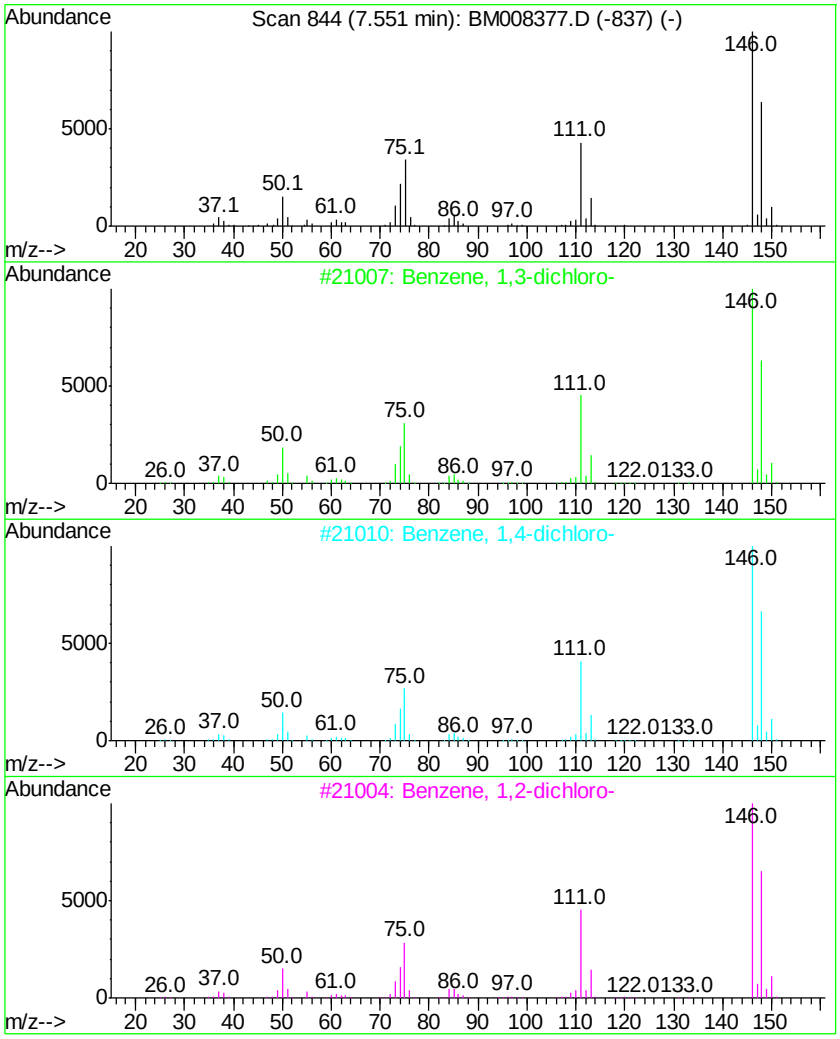
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

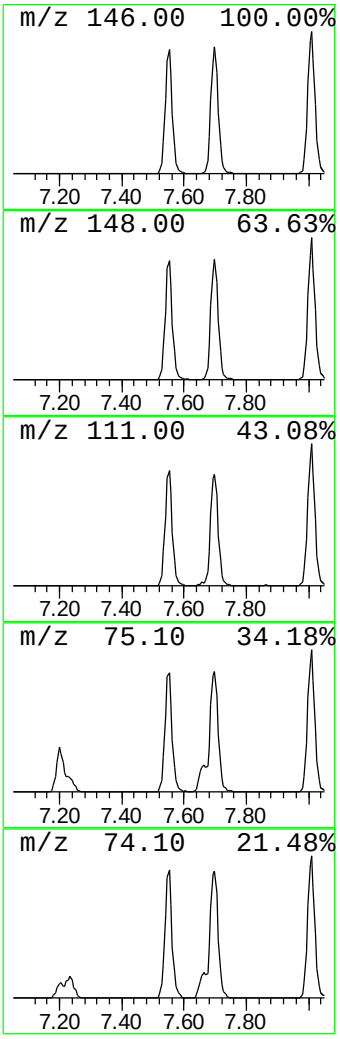
****

Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	13.33 ng/ul	694060	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

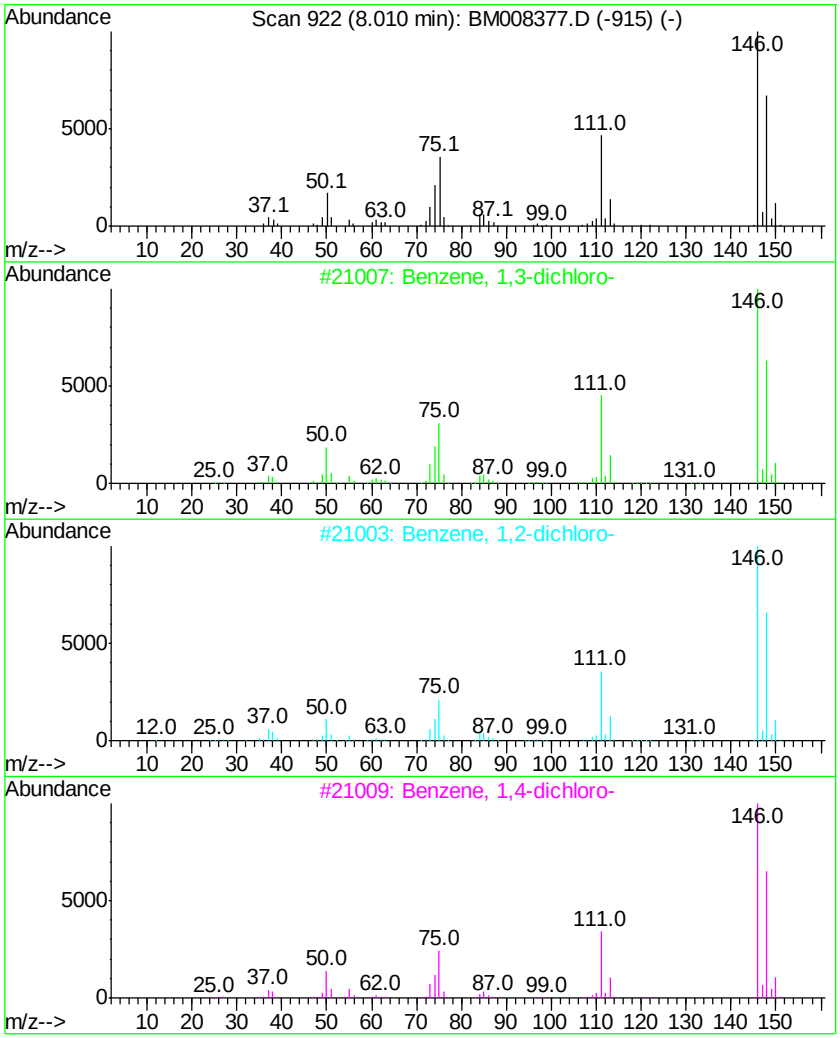
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

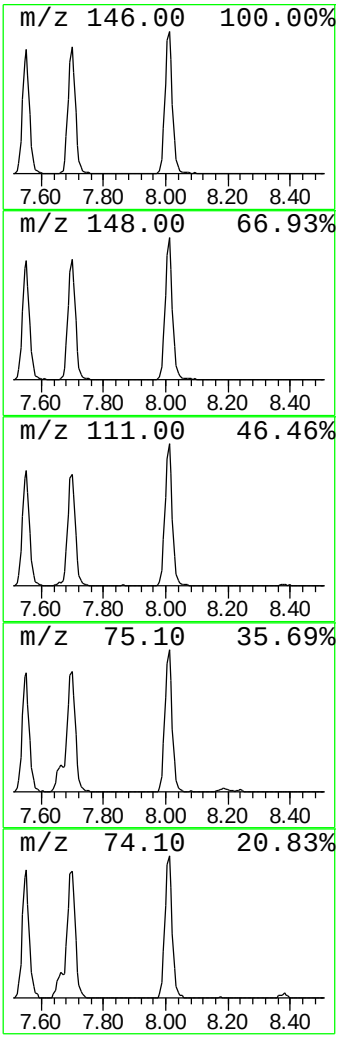
****

Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	16.03 ng/ul	834467	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

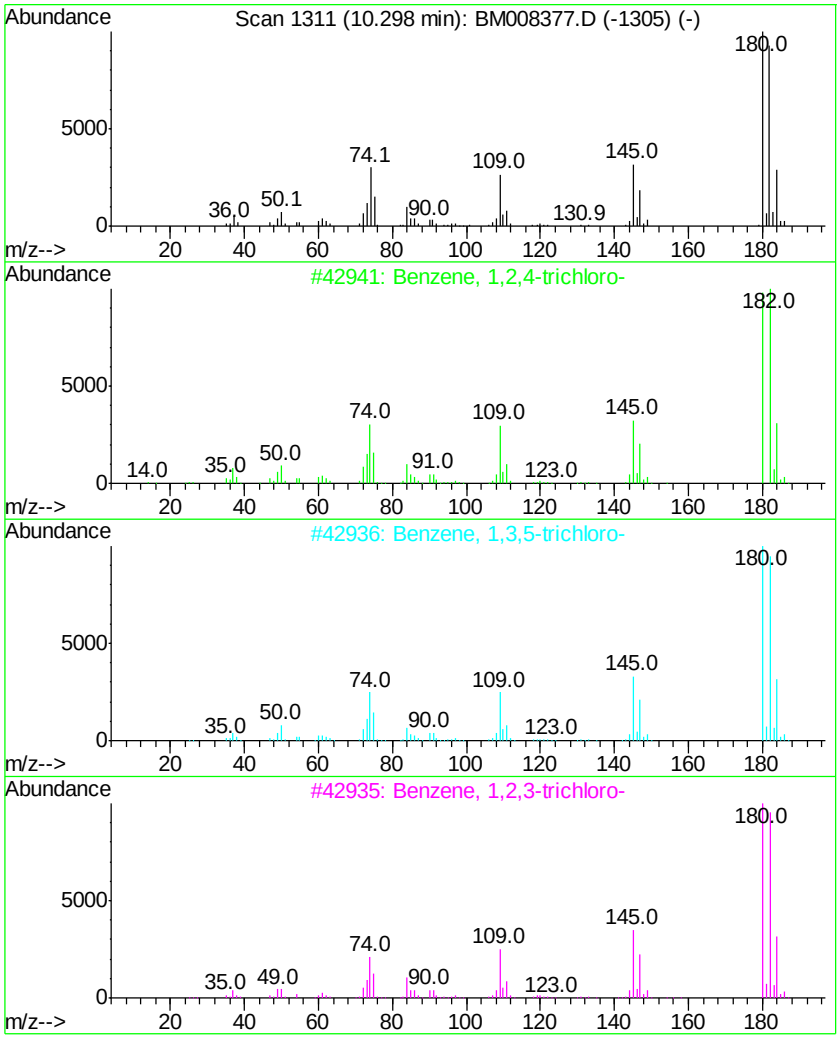
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

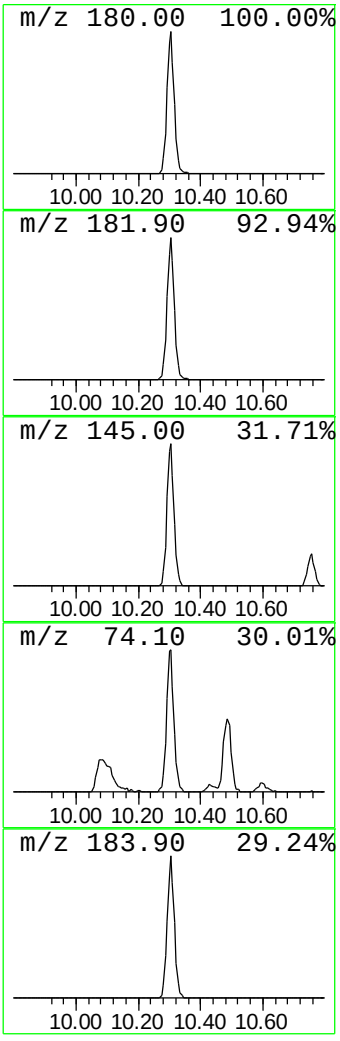
****

Peak Number 4 Benzene, 1,2,4-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	15.30 ng/ul	837049	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

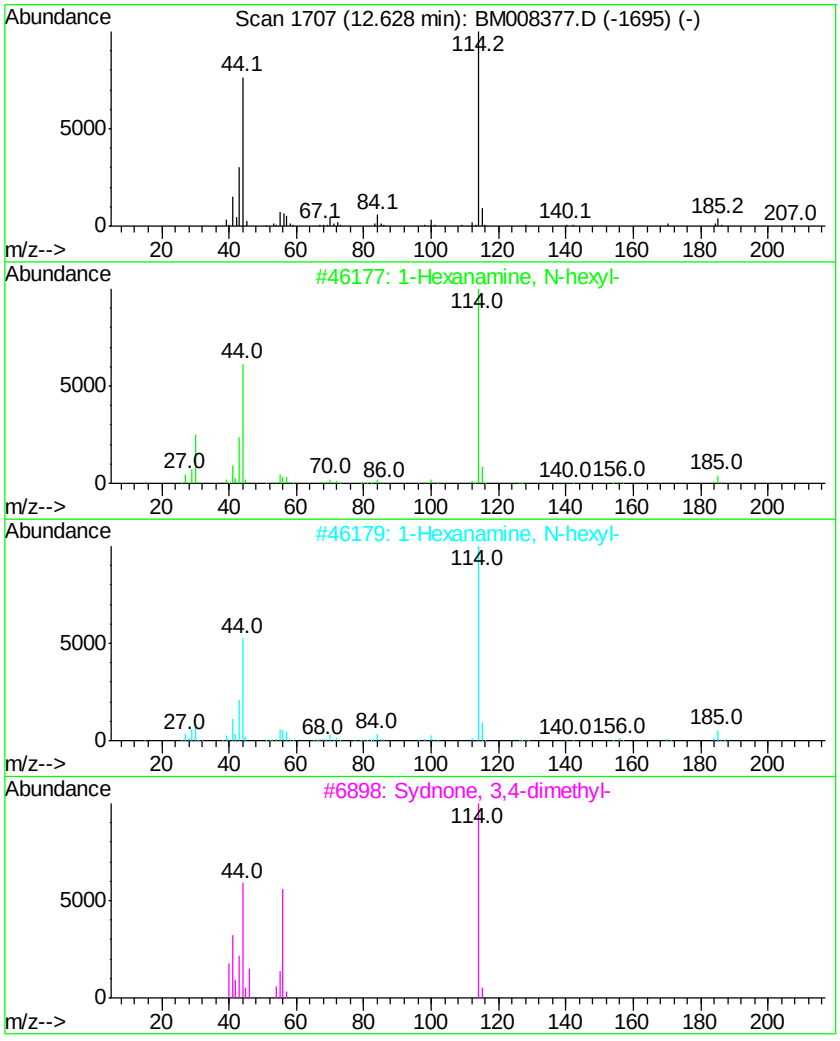
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

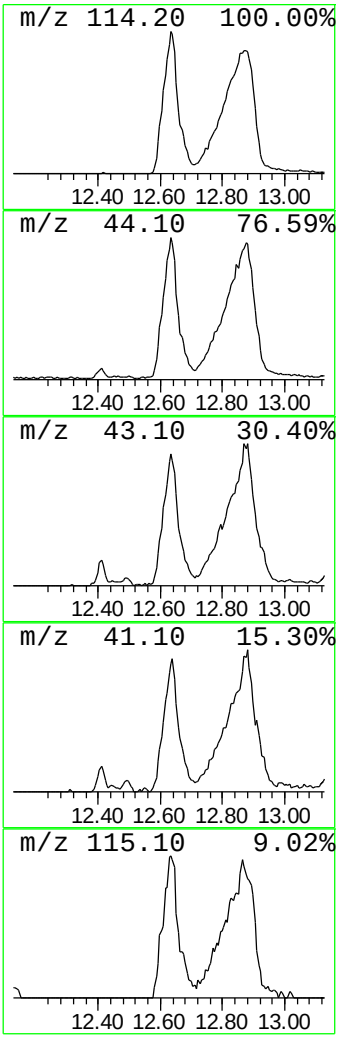
****

Peak Number 5 1-Hexanamine, N-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	15.78 ng/ul	1099610	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanamine, N-hexyl-	185	C12H27N	000143-16-8	91
2	1-Hexanamine, N-hexyl-	185	C12H27N	000143-16-8	83
3	Sydnone, 3,4-dimethyl-	114	C4H6N2O2	004007-18-5	72
4	1H-Azepin-1-amine, hexahydro-	114	C6H14N2	005906-35-4	56
5	1-Butanamine, 2-ethyl-N-(2-ethyl...	185	C12H27N	054774-85-5	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

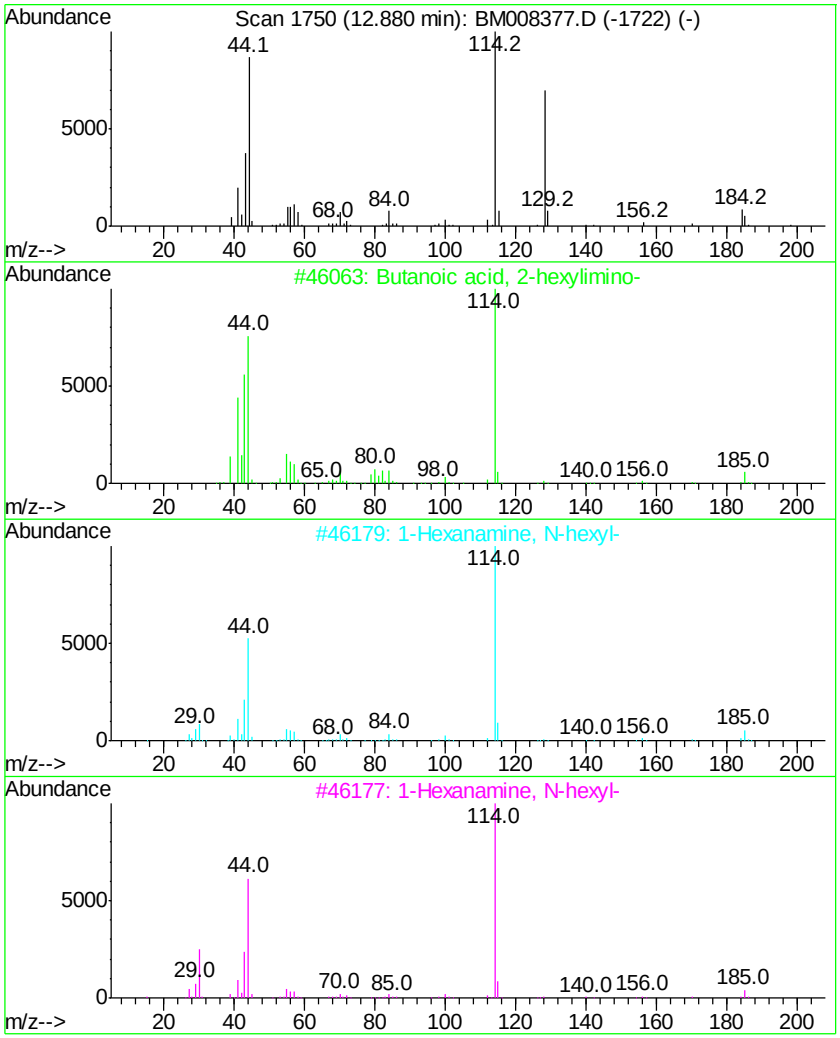
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

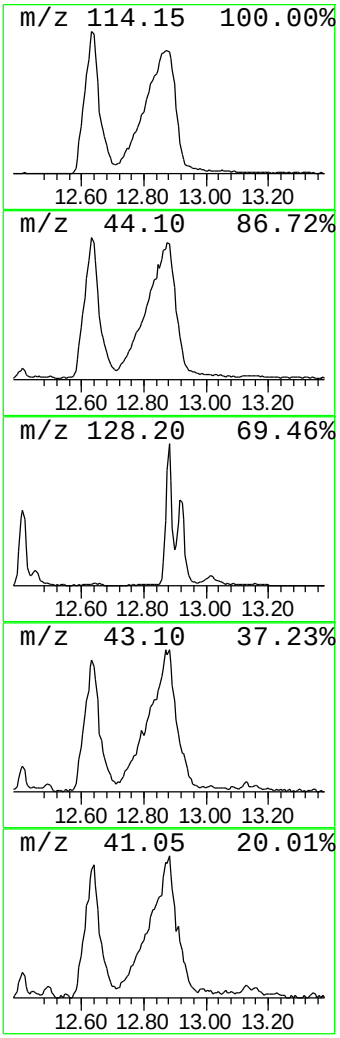
****

Peak Number 6 Butanoic acid, 2-hexylimino- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	29.83 ng/ul	2078620	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-hexylimino-	185	C10H19NO2	1000258-67-1	76
2	1-Hexanamine, N-hexyl-	185	C12H27N	000143-16-8	68
3	1-Hexanamine, N-hexyl-	185	C12H27N	000143-16-8	64
4	1-Pentanamine, 4-methyl-N-(4-met...	185	C12H27N	054775-00-7	47
5	O,O'-Bis(2-diisopropylaminoethyl...	334	C17H39N2O2P	057856-12-9	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

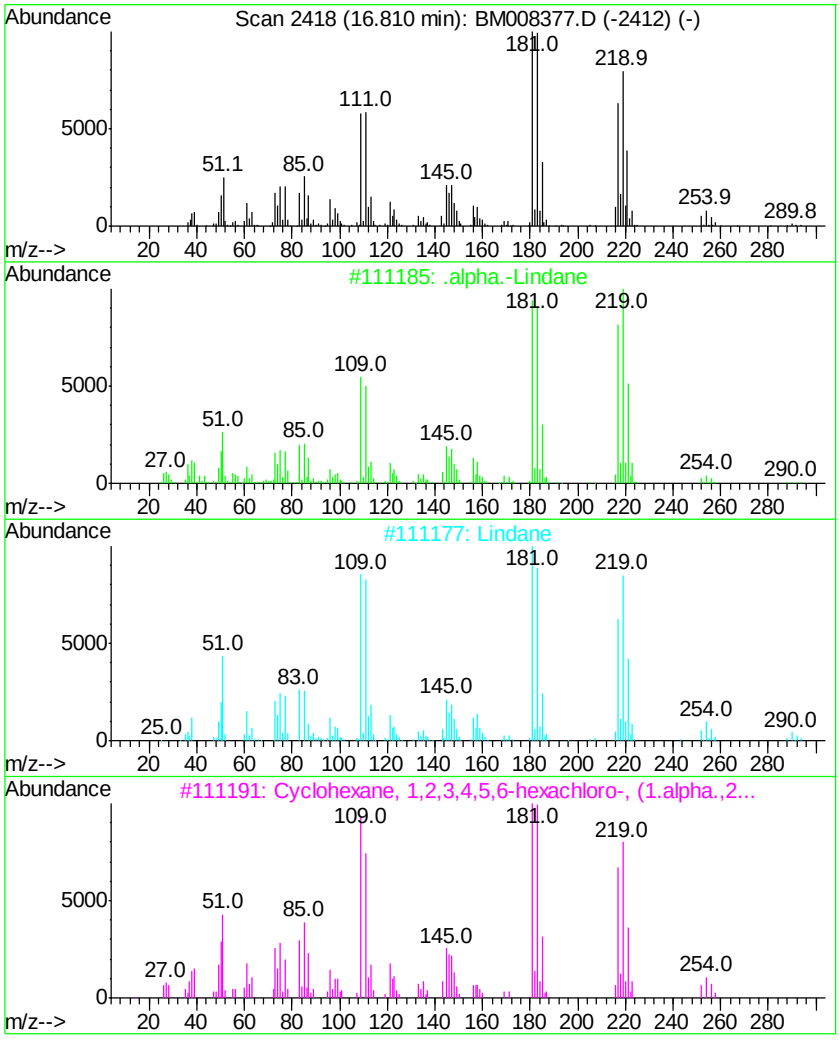
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

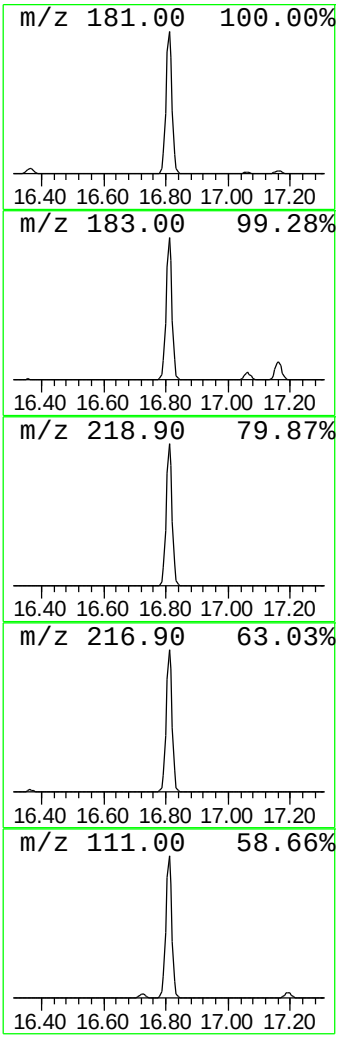
****

Peak Number 7 .alpha.-Lindane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	25.29 ng/ul	2065850	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	99
2	Lindane	288	C6H6Cl6	000058-89-9	91
3	Cyclohexane, 1,2,3,4,5,6-hexachl...	288	C6H6Cl6	000319-85-7	91
4	Cyclohexane, 1,2,3,4,5,6-hexachl...	288	C6H6Cl6	000319-85-7	91
5	.delta.-Lindane	288	C6H6Cl6	000319-86-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
Data File : BM008377.D
Acq On : 16 Dec 2016 17:25
Operator : UM/SJ
Sample : H6039-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8Q9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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
unknown-01	2.78	1273.4	ng/ul	66278700	1	7.66	1040990	20.0
Benzene, 1,3-dich...	7.55	13.3	ng/ul	694060	1	7.66	1040990	20.0
Benzene, 1,2-dich...	8.01	16.0	ng/ul	834467	1	7.66	1040990	20.0
Benzene, 1,2,4-tr...	10.30	15.3	ng/ul	837049	2	10.43	1094150	20.0
1-Hexanamine, N-h...	12.63	15.8	ng/ul	1099610	3	14.30	1393470	20.0
Butanoic acid, 2-...	12.88	29.8	ng/ul	2078620	3	14.30	1393470	20.0
.alpha.-Lindane	16.81	25.3	ng/ul	2065850	4	17.06	1633670	20.0