LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008304.D
Acq On : 14 Dec 2016 11:42
Operator : UM/SJ
Sample : H5976-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8N5

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	2.893	49	52	61	rVB	35201	54549	1.61%	0.074%
2	3.240	107	111	119	rVB	29556	40955	1.21%	0.056%
3	6.857	721	726	739	rBV	419851	775295	22.83%	1.053%
4	7.016	746	753	763	rBV	384719	593861	17.49%	0.806%
5	7.110	763	769	778	rBV	240210	373072	10.98%	0.506%
6	7.210	780	786	795	rVV	494645	793452	23.36%	1.077%
7	7.557	839	845	854	rBV	790283	1271136	37.43%	1.726%
8	7.669	859	864	877	rVB	499860	869312	25.60%	1.180%
9	7.875	894	899	911	rBV2	49562	86962	2.56%	0.118%
10	8.192	945	953	959	rBV3	171947	456121	13.43%	0.619%
11	8.251	959	963	969	rVB	94401	155462	4.58%	0.211%
12	8.316	969	974	979	rVB3	23242	36637	1.08%	0.050%
13	8.380	979	985	990	rBV	622838	1012939	29.83%	1.375%
14	8.439	990	995	1006	rVB	983321	1652620	48.66%	2.244%
15	8.728	1037	1044	1052	rVB	1081617	1765471	51.98%	2.397%
16	8.833	1055	1062	1066	rBV	467148	844483	24.87%	1.146%
17	8.875	1066	1069	1081	rVB	291125	501877	14.78%	0.681%
18	9.545	1176	1183	1186	rBV	428942	777853	22.90%	1.056%
19	9.575	1186	1188	1194	rVV	522364	826332	24.33%	1.122%
20	9.639	1194	1199	1216	rVB	653938	1161191	34.19%	1.576%
21	9.874	1233	1239	1249	rVB	299020	492485	14.50%	0.669%
22	10.080	1268	1274	1277	rBV	609028	1155133	34.01%	1.568%
23	10.310	1307	1313	1321	rBV	653685	1092967	32.18%	1.484%
24	10.445	1329	1336	1351	rVB	721602	1189869	35.03%	1.615%
25	10.622	1355	1366	1386	rBV2	1112292	3084786	90.83%	4.188%
26	11.527	1513	1520	1543	rBV	764161	1768543	52.07%	2.401%
27	12.116	1613	1620	1635	rBV	862616	1503057	44.26%	2.041%
28	12.257	1637	1644	1653	rBV2	65743	169348	4.99%	0.230%
29	12.345	1655	1659	1670	rVV2	39191	101509	2.99%	0.138%
30	12.451	1671	1677	1684	rVB	850873	1288645	37.94%	1.749%
31	12.745	1720	1727	1741	rBV	477341	750026	22.08%	1.018%
32	13.180	1789	1801	1813	rBV	535451	850389	25.04%	1.154%
33	13.410	1833	1840	1852	rBV	1225203	1991742	58.65%	2.704%
34	13.733	1888	1895	1898	rBV	1131975	1635194	48.15%	2.220%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008304.D
Acq On : 14 Dec 2016 11:42
Operator : UM/SJ
Sample : H5976-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8N5

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	13.780	1898	1903	1914	rVB	1144650	1656384	48.77%	2.249%
36	13.910	1920	1925	1934	rBV	352287	516446	15.21%	0.701%
37	14.004	1934	1941	1953	rBV	1278123	1871479	55.10%	2.541%
38	14.245	1975	1982	1988	rBV	1172174	1874768	55.20%	2.545%
39	14.310	1988	1993	2001	rVB	1058809	1592568	46.89%	2.162%
40	14.474	2015	2021	2029	rBV	680176	1242265	36.58%	1.686%
41	14.562	2029	2036	2060	rVB3	1096899	2417217	71.17%	3.282%
42	14.780	2069	2073	2087	rVB6	20791	40116	1.18%	0.054%
43	15.309	2156	2163	2168	rBV	1645996	2310009	68.02%	3.136%
44	15.357	2168	2171	2176	rVB	671956	889164	26.18%	1.207%
45	15.421	2176	2182	2185	rBV	553490	929025	27.35%	1.261%
46	15.474	2185	2191	2201	rVB3	1248437	2521663	74.25%	3.423%
47	16.256	2317	2324	2338	rBV	2468388	3346604	98.54%	4.543%
48	17.068	2456	2462	2472	rBV	1227078	1773336	52.21%	2.407%
49	17.168	2472	2479	2493	rVB	1620591	2517141	74.12%	3.417%
50	17.645	2554	2560	2566	rBV	164622	204044	6.01%	0.277%
51	18.074	2628	2633	2642	rVB	950731	1151455	33.90%	1.563%
52	19.468	2864	2870	2883	rBV	2084739	3081708	90.74%	4.184%
53	20.550	3049	3054	3059	rVB	2520456	2852995	84.00%	3.873%
54	21.186	3157	3162	3170	rBV	1142836	1624328	47.83%	2.205%
55	21.268	3170	3176	3185	rVV	1718104	2398558	70.62%	3.256%
56	23.350	3524	3530	3542	rBV2	1766666	3396261	100.00%	4.611%
57	23.497	3549	3555	3566	rVB	1132056	2328737	68.57%	3.161%

Sum of corrected areas: 73659544

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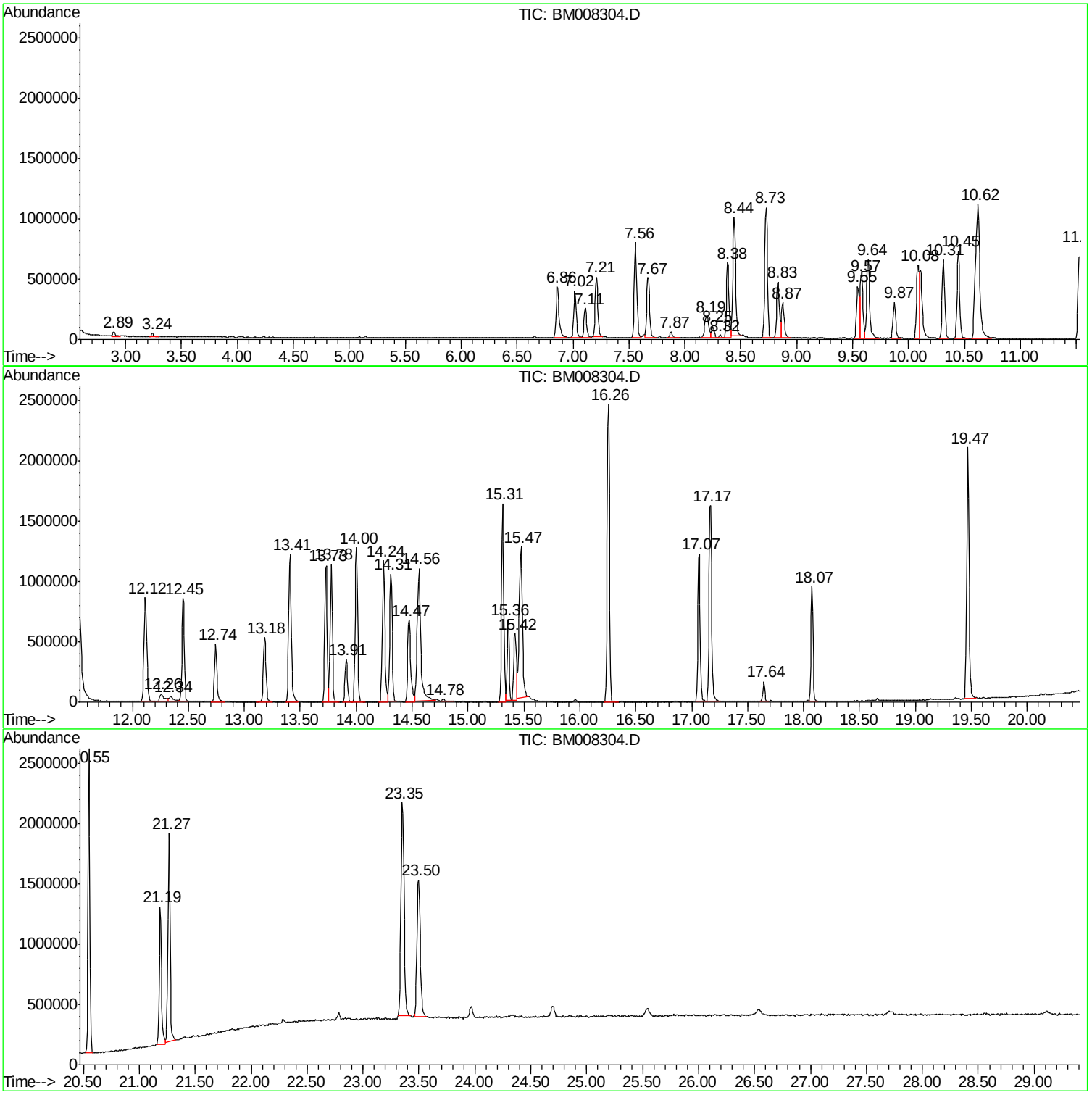
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8N5

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



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Quant Title : SVOA CALIBRATION

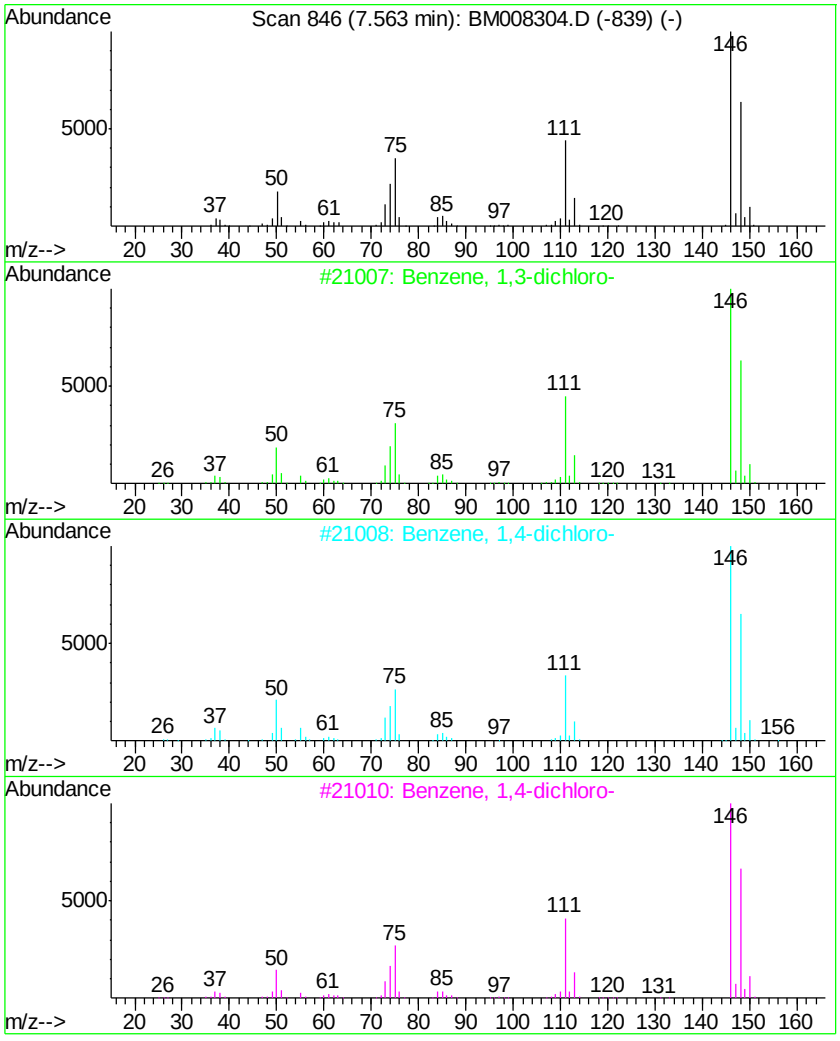
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

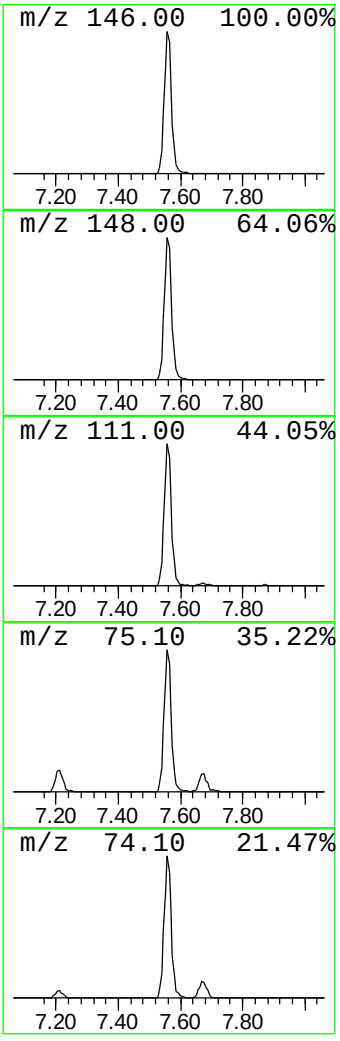
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	29.24 ng/ul	1271140	1,4-Dichlorobenzene-d4	7.67

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008304.D
Acq On : 14 Dec 2016 11:42
Operator : UM/SJ
Sample : H5976-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8N5

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

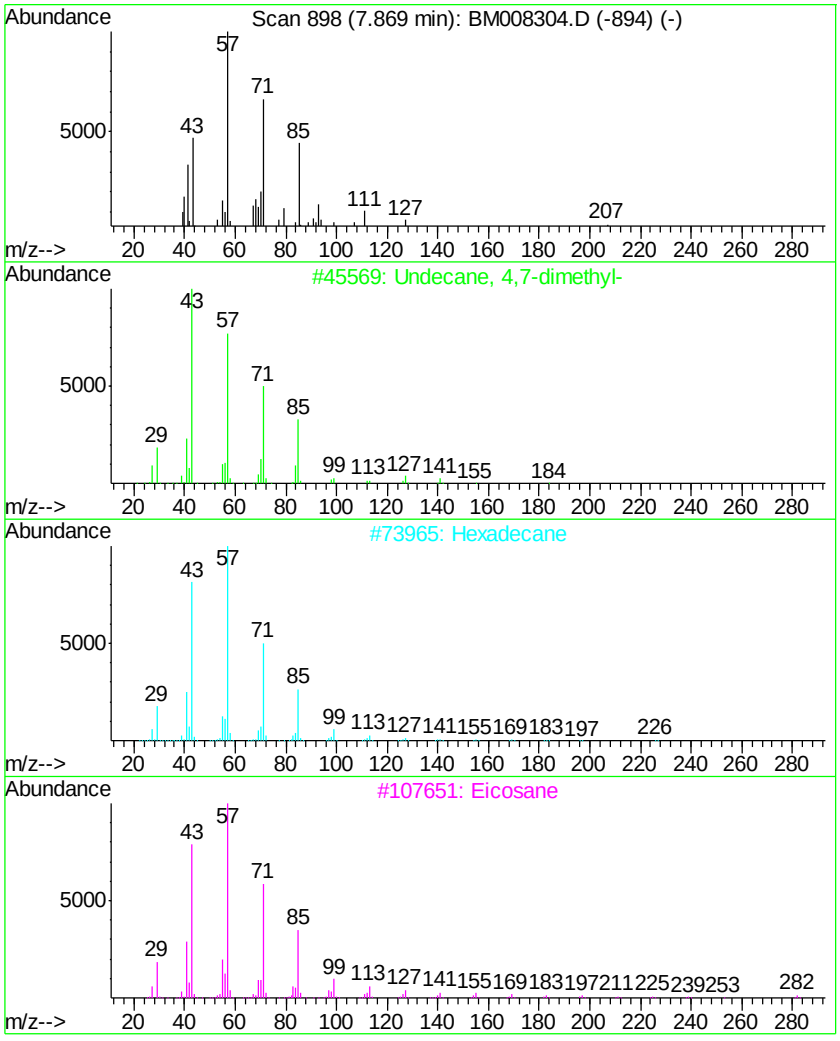
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

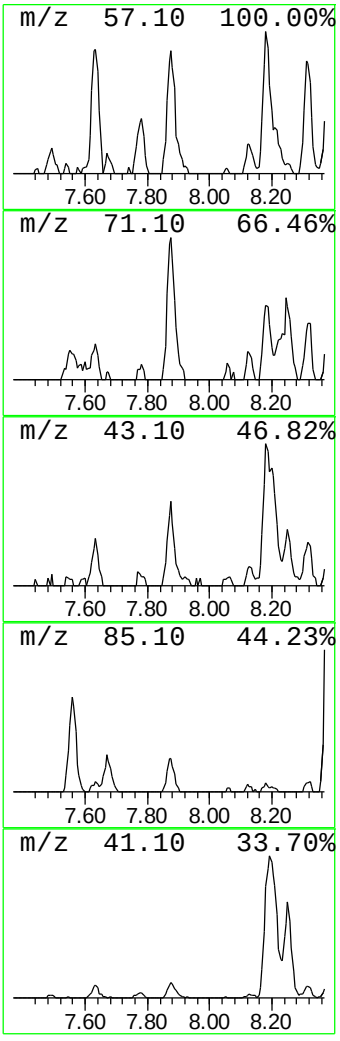
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	2.00 ng/ul	86962	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50
2	Hexadecane	226	C16H34	000544-76-3	47
3	Eicosane	282	C20H42	000112-95-8	43
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
5	Hexadecane	226	C16H34	000544-76-3	43





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Acq On : 14 Dec 2016 11:42
Operator : UM/SJ
Sample : H5976-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8N5

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

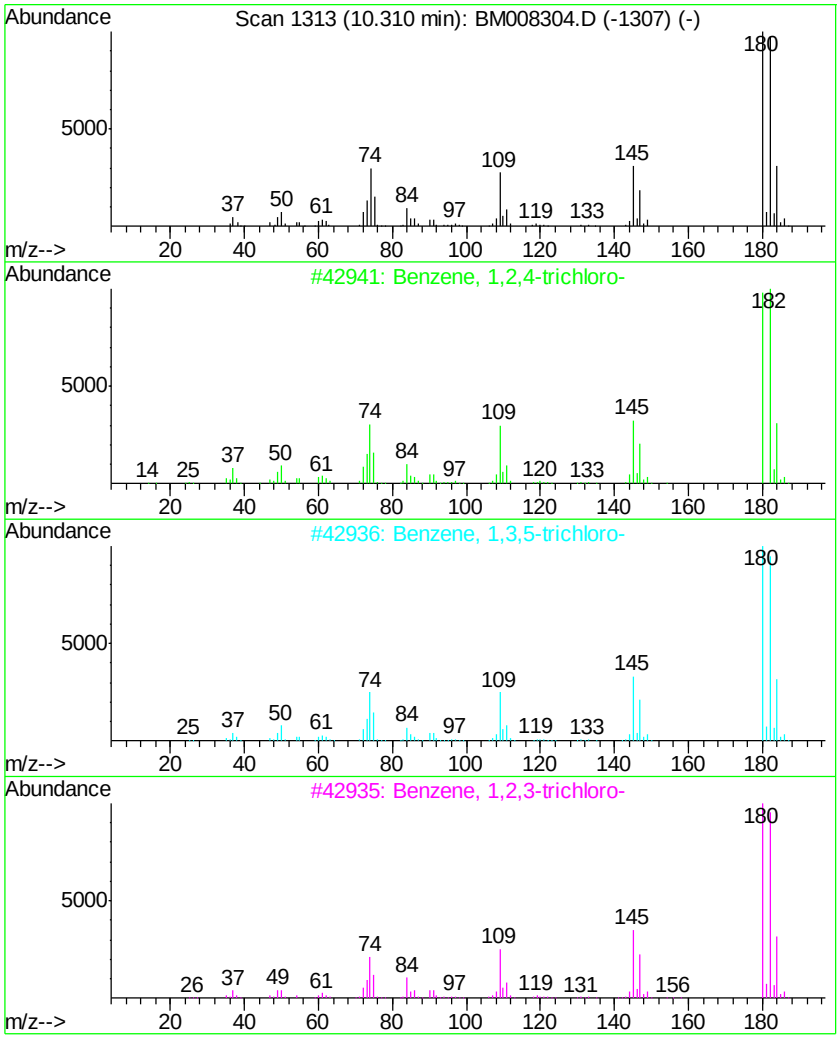
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

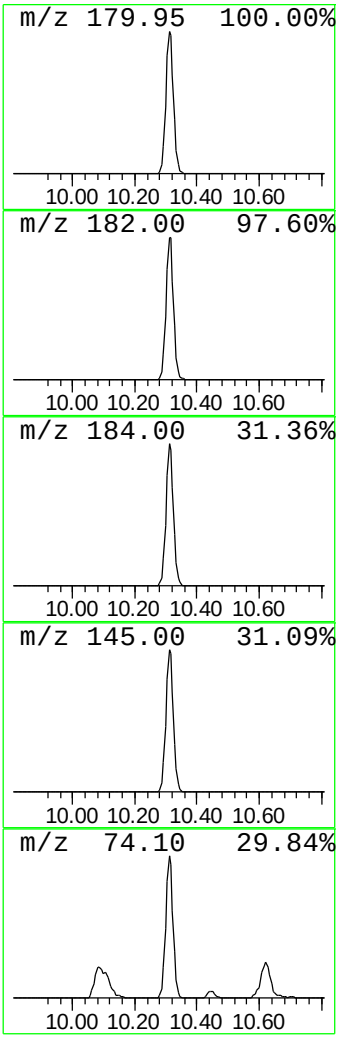
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	18.37 ng/ul	1092970	Naphthalene-d8	10.45

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	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008304.D
Acq On : 14 Dec 2016 11:42
Operator : UM/SJ
Sample : H5976-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8N5

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

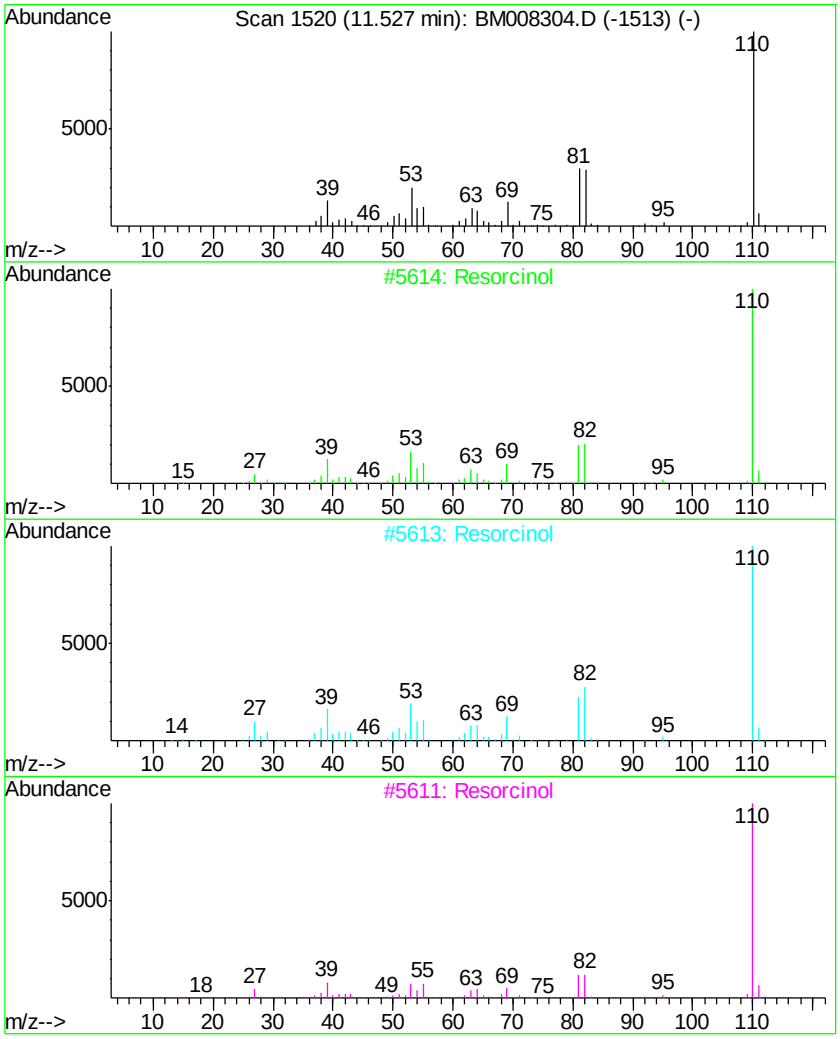
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

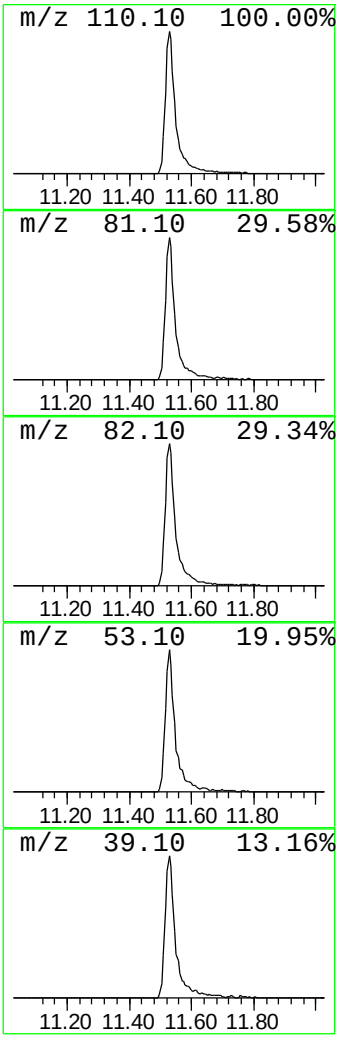
****

Peak Number 4 Resorcinol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	29.73 ng/ul	1768540	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	97
2	Resorcinol	110	C6H6O2	000108-46-3	94
3	Resorcinol	110	C6H6O2	000108-46-3	91
4	Resorcinol	110	C6H6O2	000108-46-3	91
5	1,3-Benzenediol, 4,4'-thiobis-	250	C12H10O4S	000097-29-0	90





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Data File : BM008304.D
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Sample : H5976-01
Misc :
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Instrument : BNA_M
ClientSampleId : DA8N5

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

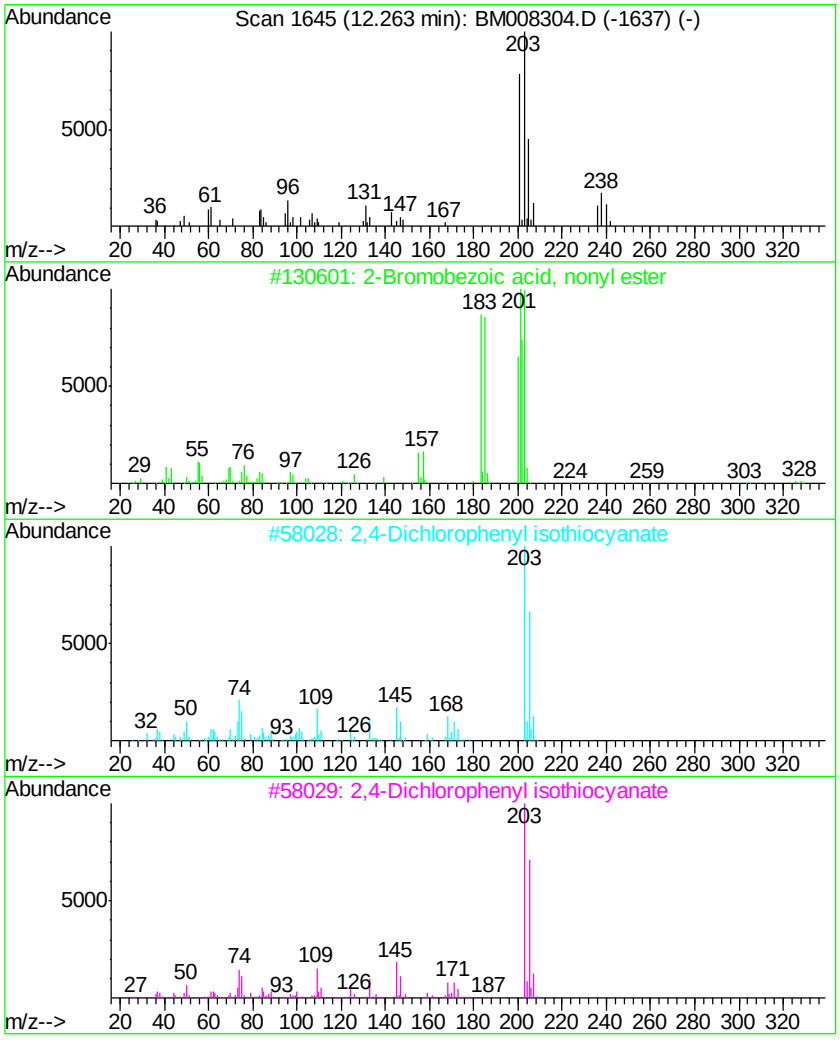
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

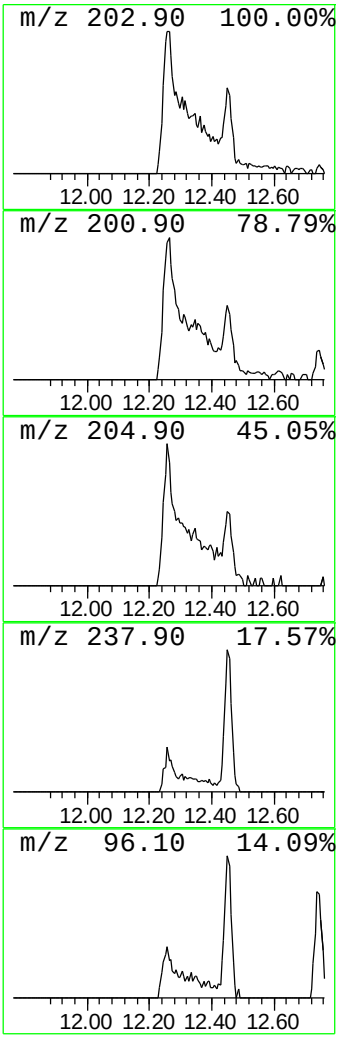
****

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.85 ng/ul	169348	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromobezoic acid, nonyl ester	326	C16H23BrO2	1000282-80-5	43
2	2,4-Dichlorophenyl isothiocyanate	203	C7H3Cl2NS	006590-96-1	35
3	2,4-Dichlorophenyl isothiocyanate	203	C7H3Cl2NS	006590-96-1	35
4	p-Toluic acid, .alpha.,.alpha.,....	238	C8H5Cl3O2	005264-40-4	35
5	3,4-Dichlorophenyl thiocyanate	203	C7H3Cl2NS	003313-77-7	35





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Instrument : BNA_M
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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

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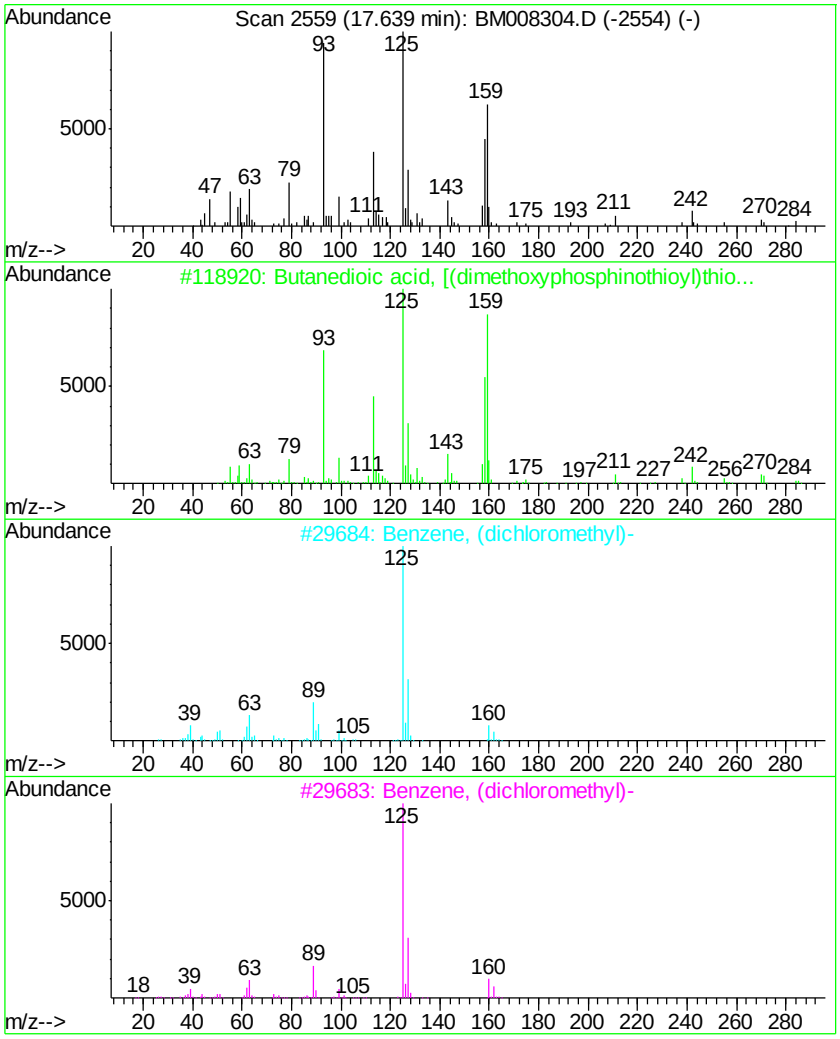
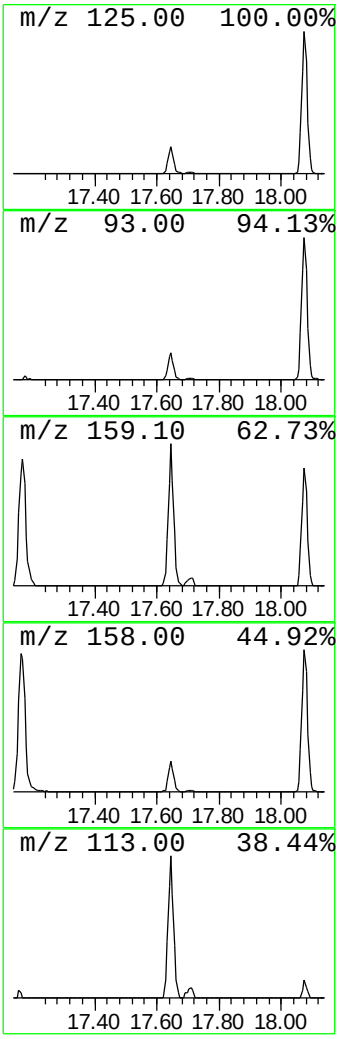
Peak Number 6 Butanedioic acid, [(dimetho... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.30 ng/ul	204044	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanedioic acid, [(dimethoxypho...	302	C8H15O6PS2	001190-29-0	64
2	Benzene, (dichloromethyl)-	160	C7H6Cl2	000098-87-3	18
3	Benzene, (dichloromethyl)-	160	C7H6Cl2	000098-87-3	18
4	2-Chlorobenzyl mercaptan	158	C7H7ClS	017733-22-1	16
5	Benzene, 1-(bromomethyl)-2-chloro-	204	C7H6BrCl	000611-17-6	14





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008304.D
Acq On : 14 Dec 2016 11:42
Operator : UM/SJ
Sample : H5976-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8N5

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

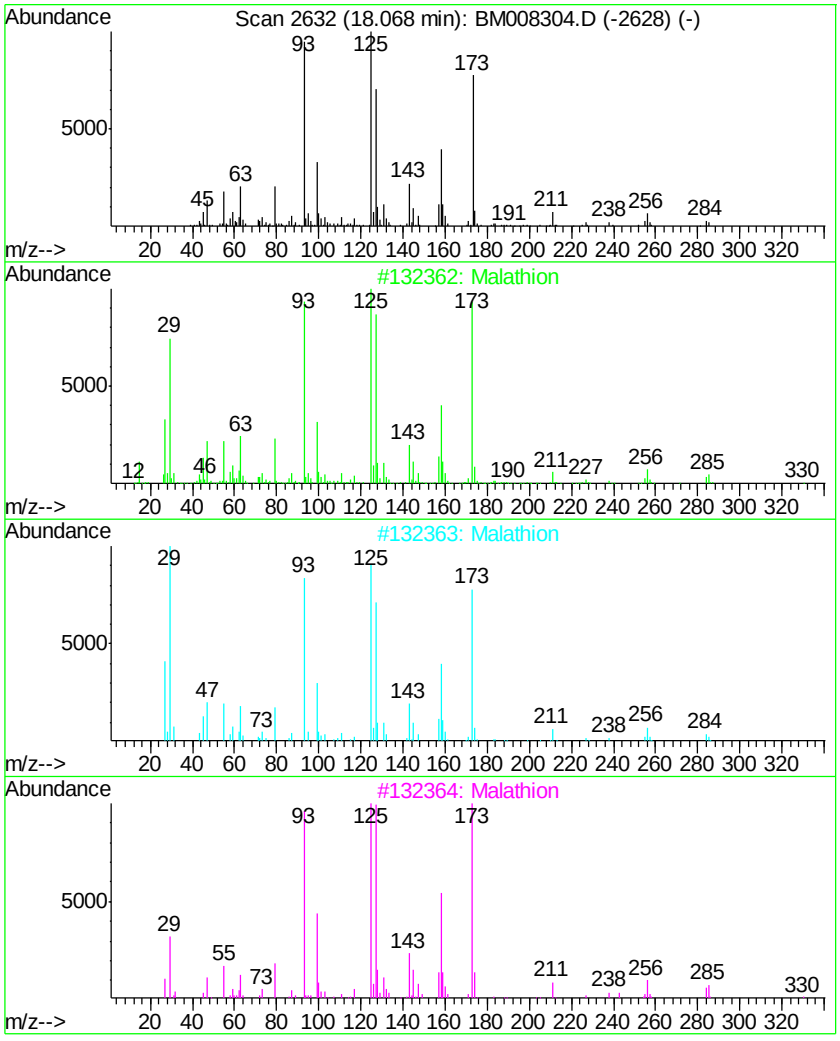
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

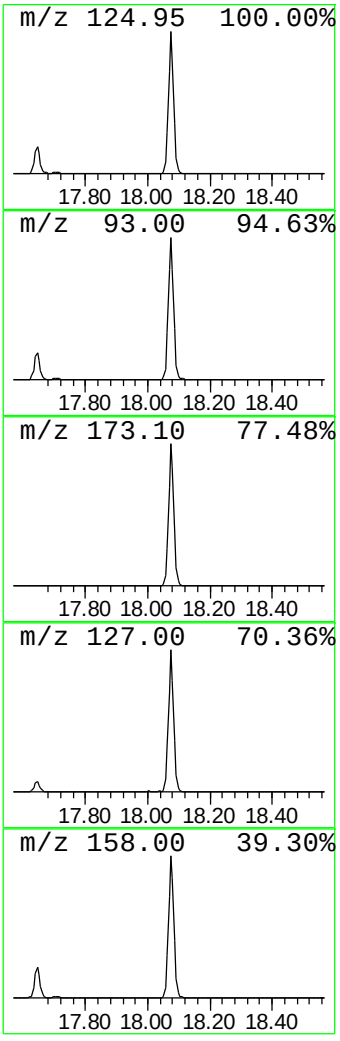
****

Peak Number 7 Malathion Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	12.99 ng/ul	1151460	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malathion	330	C10H19O6PS2	000121-75-5	94
2	Malathion	330	C10H19O6PS2	000121-75-5	94
3	Malathion	330	C10H19O6PS2	000121-75-5	76
4	Malathion	330	C10H19O6PS2	000121-75-5	52
5	Silane, dichloroethenylmethyl-	140	C3H6Cl2Si	000124-70-9	14





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
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Quant Title : SVOA CALIBRATION

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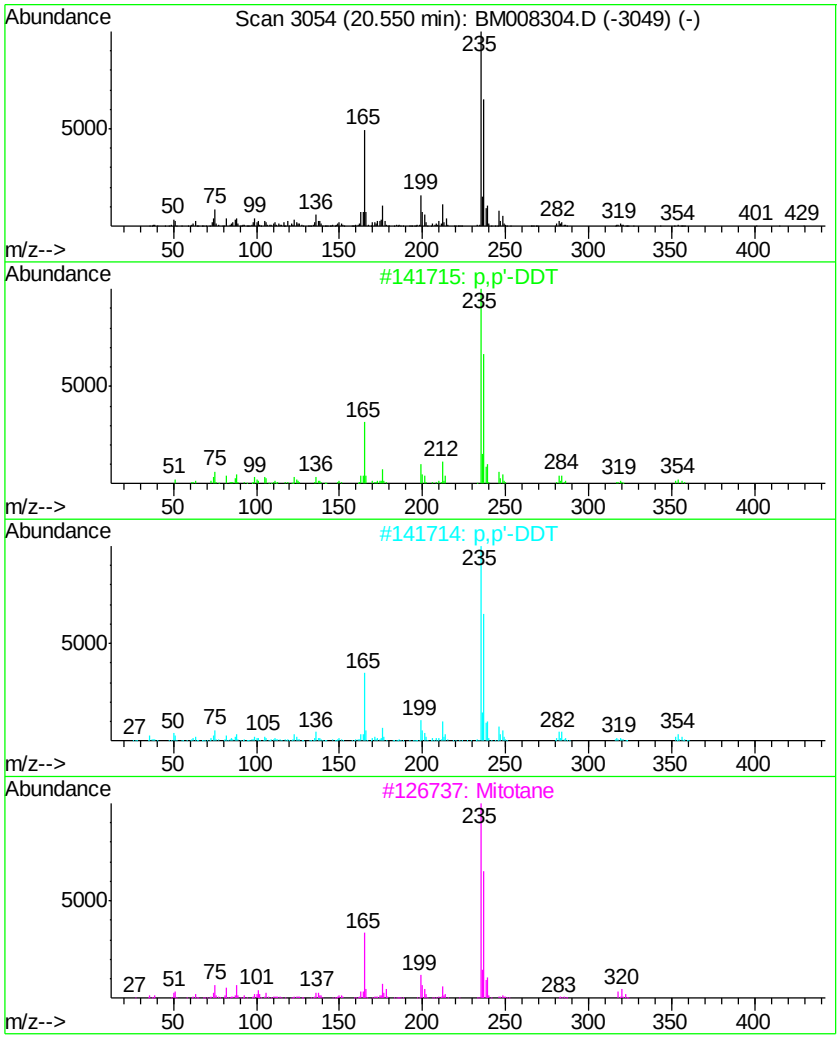
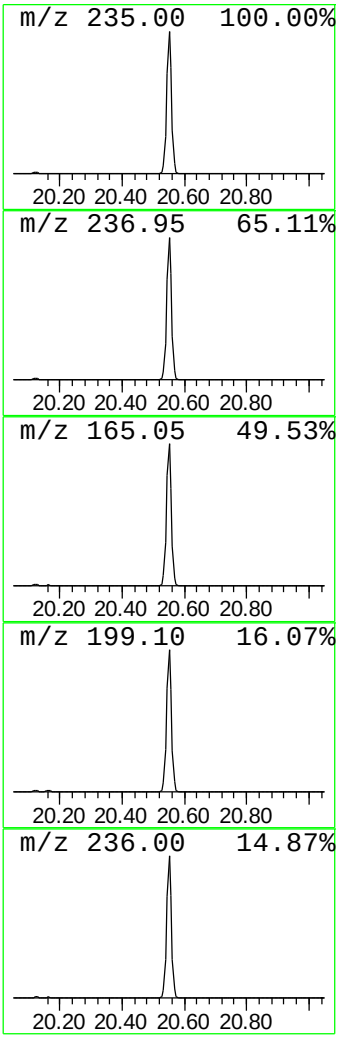
Peak Number 8 p,p'-DDT Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	23.79 ng/ul	2853000	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDT	352	C14H9Cl5	000050-29-3	99
2	p,p'-DDT	352	C14H9Cl5	000050-29-3	98
3	Mitotane	318	C14H10Cl4	000053-19-0	98
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	97
5	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008304.D
Acq On : 14 Dec 2016 11:42
Operator : UM/SJ
Sample : H5976-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8N5

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
Benzene, 1,3-dich...	7.56	29.2	ng/ul	1271140	1	7.67	869312	20.0
(DEL) Alkane: Str...	7.87	2.0	ng/ul	86962	1	7.67	869312	20.0
Benzene, 1,2,4-tr...	10.31	18.4	ng/ul	1092970	2	10.45	1189870	20.0
Resorcinol	11.53	29.7	ng/ul	1768540	2	10.45	1189870	20.0
unknown-01	12.26	2.9	ng/ul	169348	2	10.45	1189870	20.0
Butanedioic acid,...	17.64	2.3	ng/ul	204044	4	17.07	1773340	20.0
Malathion	18.07	13.0	ng/ul	1151460	4	17.07	1773340	20.0
p,p'-DDT	20.55	23.8	ng/ul	2853000	5	21.27	2398560	20.0