LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	3.152	25	28	35	rVB	24912	34084	0.37%	0.065%
2	4.951	328	334	349	rBV	457699	675211	7.35%	1.279%
3	6.692	621	630	635	rBV4	6868	12712	0.14%	0.024%
4	6.792	639	647	663	rBV	98033	205590	2.24%	0.389%
5	6.963	670	676	694	rBV	344202	623451	6.79%	1.181%
6	7.145	701	707	722	rVB	424817	731996	7.97%	1.387%
7	7.492	760	766	775	rBV	256902	406444	4.43%	0.770%
8	7.610	779	786	788	rBV	555761	883285	9.62%	1.673%
9	7.645	788	792	807	rVB	2116375	3241814	35.30%	6.141%
10	7.957	835	845	862	rBV	5866903	9182408	100.00%	17.396%
11	8.328	902	908	922	rBV	284263	543947	5.92%	1.030%
12	8.781	978	985	1002	rBV	421440	792623	8.63%	1.502%
13	9.110	1035	1041	1048	rVB2	20097	31456	0.34%	0.060%
14	9.228	1055	1061	1066	rBV3	15277	26190	0.29%	0.050%
15	9.492	1100	1106	1122	rBV	346349	620961	6.76%	1.176%
16	10.022	1190	1196	1217	rBV	439472	1037637	11.30%	1.966%
17	10.180	1217	1223	1229	rVV2	75599	158822	1.73%	0.301%
18	10.251	1229	1235	1248	rVV	930583	1546140	16.84%	2.929%
19	10.392	1248	1259	1274	rVB	753193	1281582	13.96%	2.428%
20	10.598	1287	1294	1299	rBV3	10047	22999	0.25%	0.044%
21	10.775	1317	1324	1340	rBV	333818	581933	6.34%	1.102%
22	11.051	1367	1371	1378	rBV3	11021	21800	0.24%	0.041%
23	11.598	1461	1464	1470	rVB3	11259	14567	0.16%	0.028%
24	12.016	1529	1535	1541	rBV6	4547	9784	0.11%	0.019%
25	12.410	1597	1602	1603	rBV3	9703	11117	0.12%	0.021%
26	12.445	1603	1608	1615	rVB3	31875	59438	0.65%	0.113%
27	13.057	1706	1712	1726	rBV2	213539	452135	4.92%	0.857%
28	13.210	1732	1738	1743	rBV5	6649	15015	0.16%	0.028%
29	13.304	1747	1754	1768	rBV2	235343	516334	5.62%	0.978%
30	13.686	1813	1819	1827	rBV	1347702	1840645	20.05%	3.487%
31	13.957	1858	1865	1876	rBV	1348065	2021601	22.02%	3.830%
32	14.268	1911	1918	1930	rBV2	1081833	1643820	17.90%	3.114%
33	14.539	1959	1964	1968	rBV5	28434	65322	0.71%	0.124%
34	14.586	1968	1972	1977	rVB2	31264	50421	0.55%	0.096%

LSC Area Percent Report

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Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	15.268	2081	2088	2098	rBV	1867628	2723885	29.66%	5.160%
36	15.410	2106	2112	2126	rBV	537792	853326	9.29%	1.617%
37	15.510	2126	2129	2140	rVB3	22614	34143	0.37%	0.065%
38	16.057	2216	2222	2230	rBV7	4804	10216	0.11%	0.019%
39	17.021	2380	2386	2397	rBV2	1357897	1955874	21.30%	3.705%
40	17.121	2397	2403	2424	rVV	2130808	3222161	35.09%	6.104%
41	17.915	2534	2538	2549	rBV2	33901	58839	0.64%	0.111%
42	19.068	2730	2734	2739	rBV	22275	35097	0.38%	0.066%
43	19.209	2753	2758	2765	rBV5	23509	45155	0.49%	0.086%
44	19.321	2773	2777	2782	rBV2	14881	21269	0.23%	0.040%
45	19.427	2789	2795	2806	rBV	2689540	3844715	41.87%	7.284%
46	20.456	2968	2970	2975	rBV4	8707	12778	0.14%	0.024%
47	20.933	3048	3051	3058	rBV8	25101	50741	0.55%	0.096%
48	21.227	3096	3101	3111	rBV	1785201	2411626	26.26%	4.569%
49	21.791	3194	3197	3201	rBV2	68741	81406	0.89%	0.154%
50	22.250	3271	3275	3279	rVB	138616	171991	1.87%	0.326%
51	22.744	3355	3359	3363	rVB	185624	251792	2.74%	0.477%
52	23.303	3447	3454	3467	rVB2	2613287	4710820	51.30%	8.924%
53	23.444	3471	3478	3492	rVB	1354953	2595104	28.26%	4.916%
54	23.933	3556	3561	3571	rVB	180112	331456	3.61%	0.628%

Sum of corrected areas: 52785678

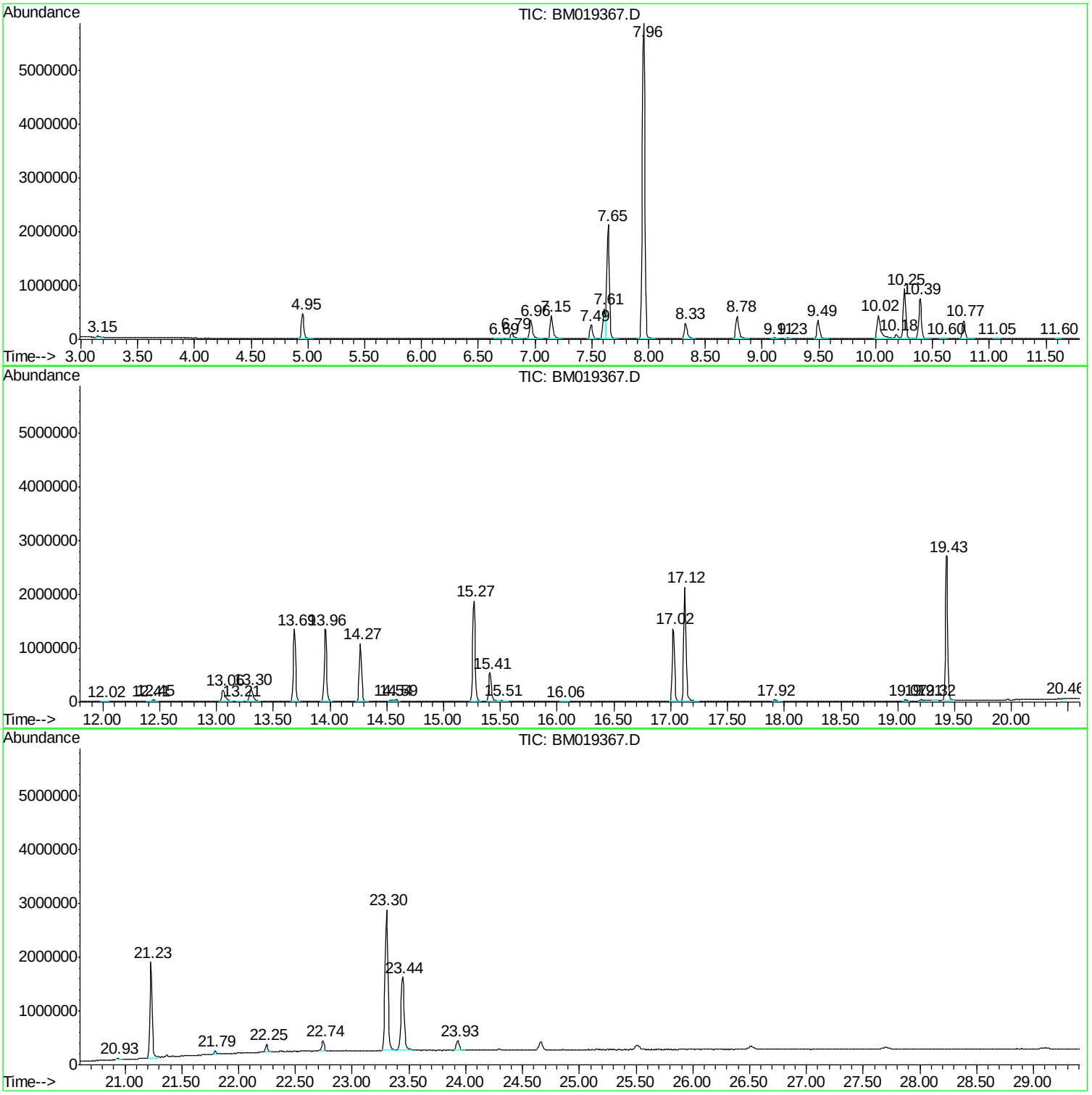
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

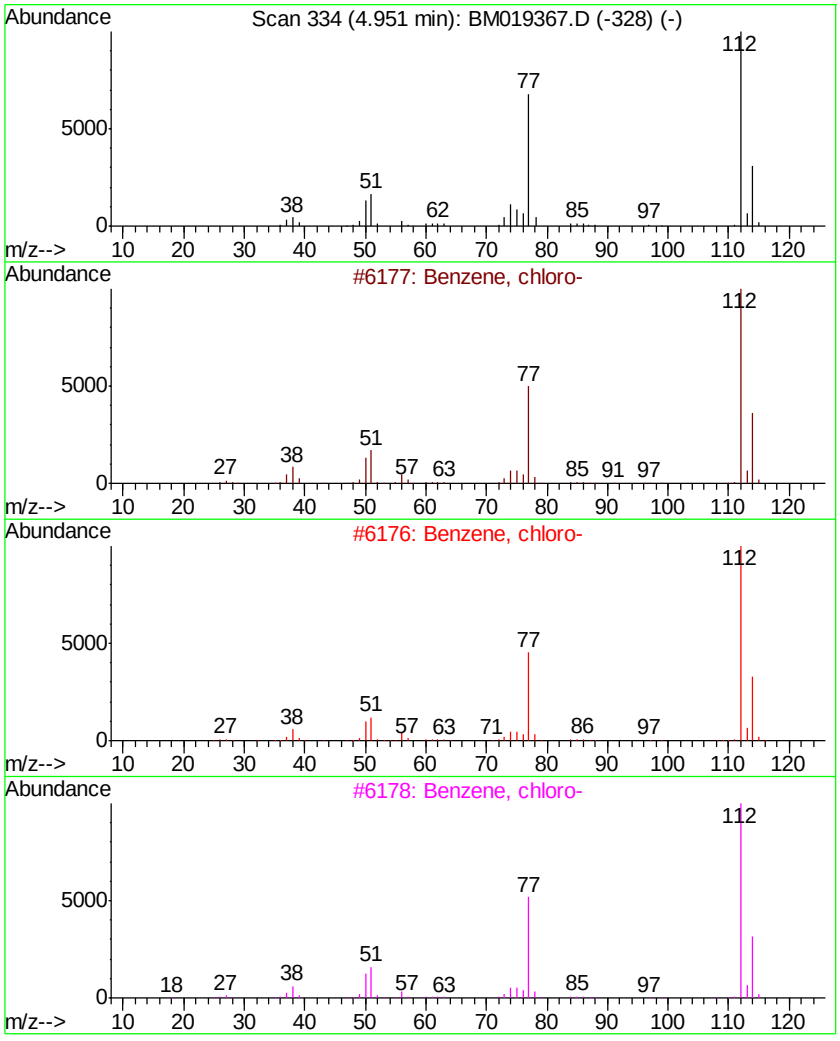
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

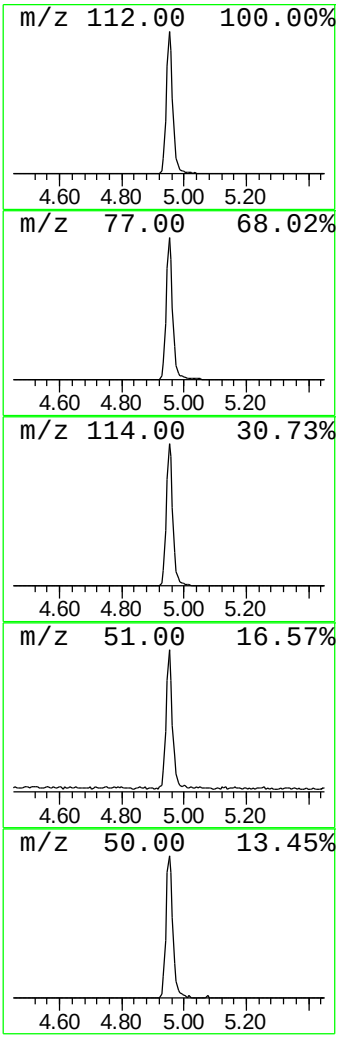
****

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	15.29 ng/ul	675211	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

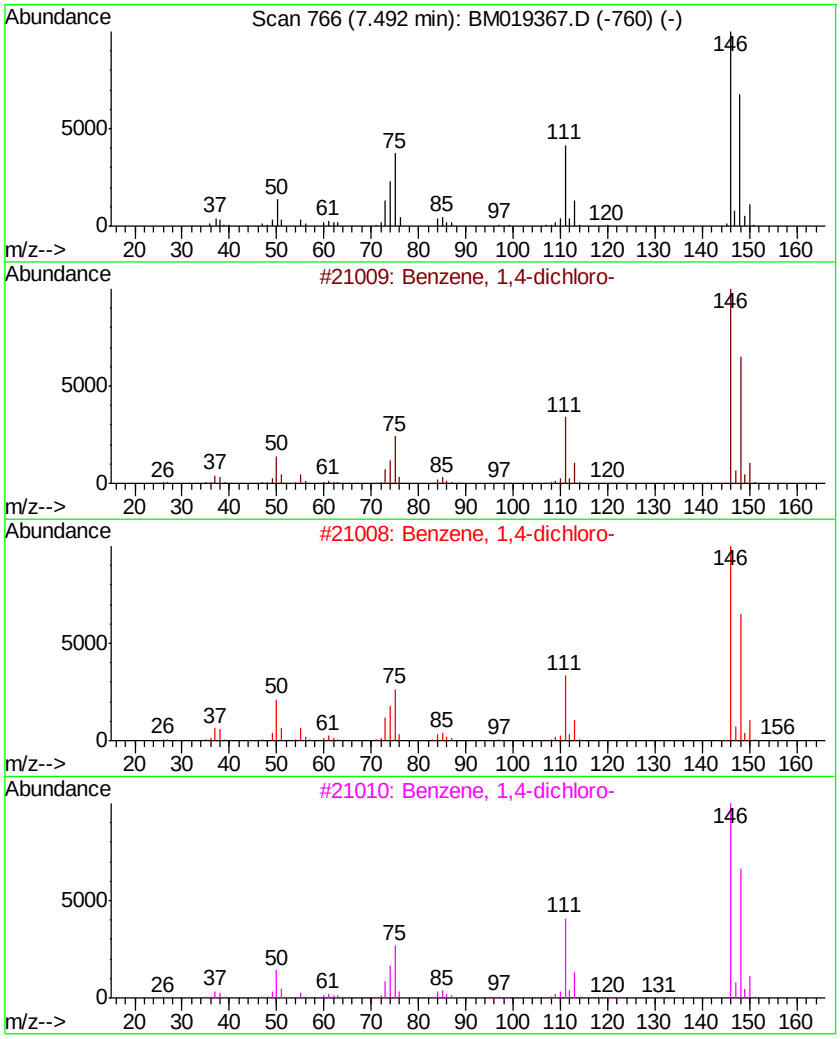
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

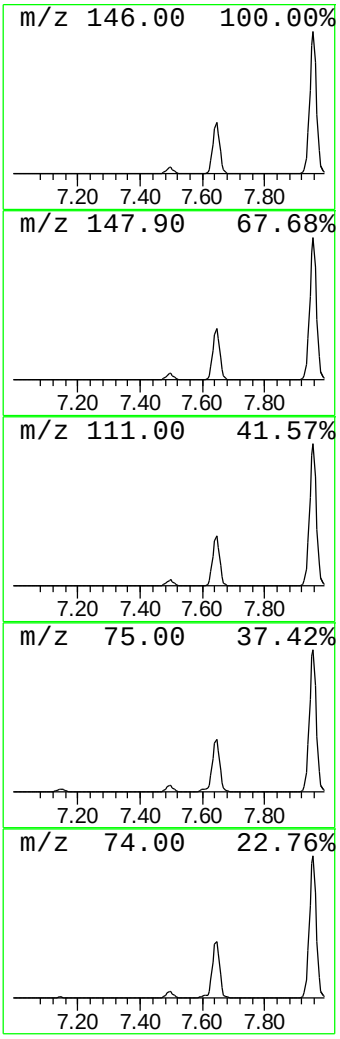
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	9.20 ng/ul	406444	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

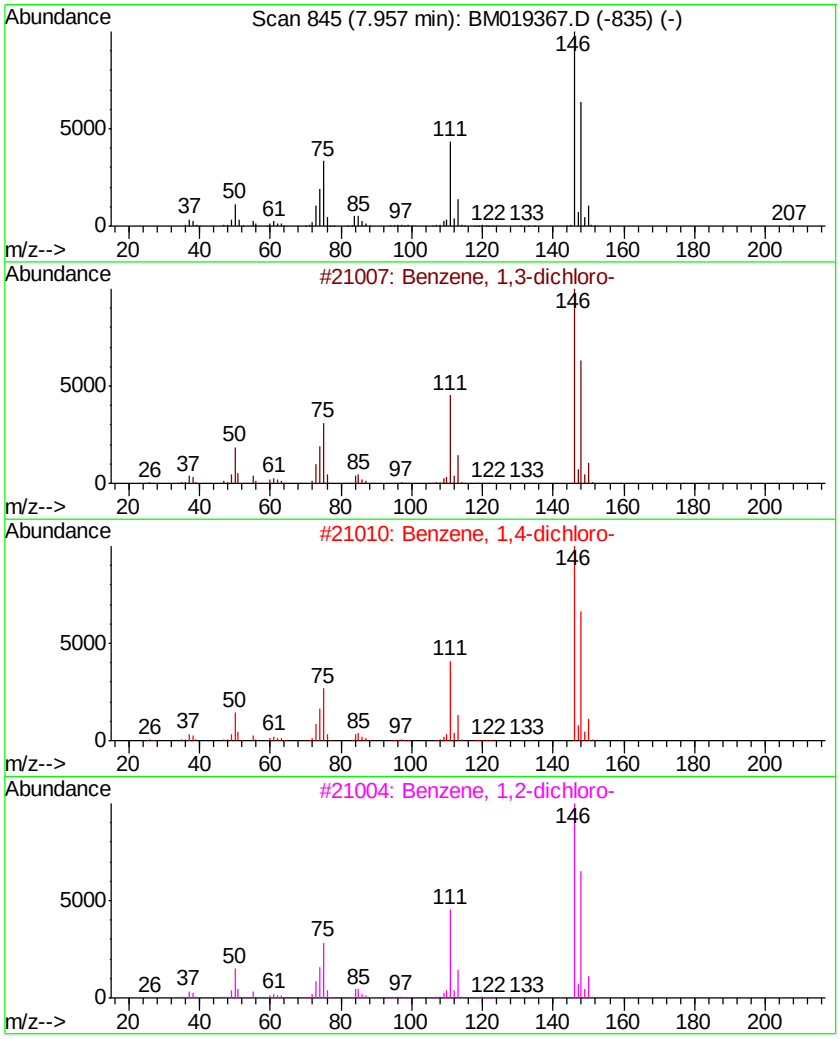
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

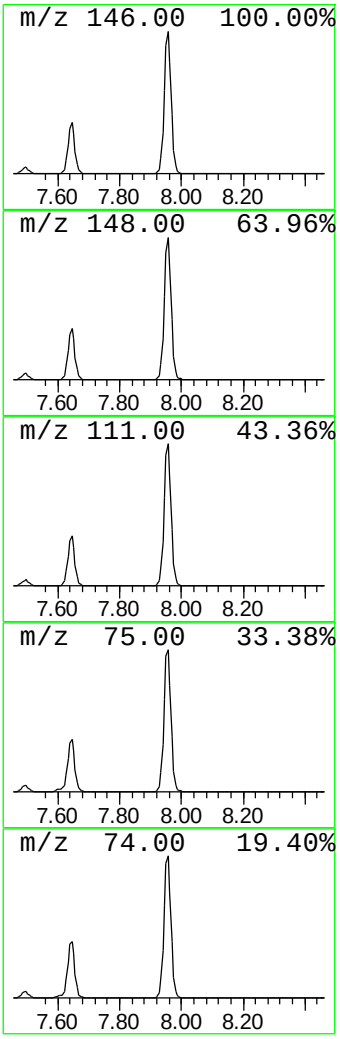
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	207.92 ng/ul	9182410	1,4-Dichlorobenzene-d4	7.61

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	96
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

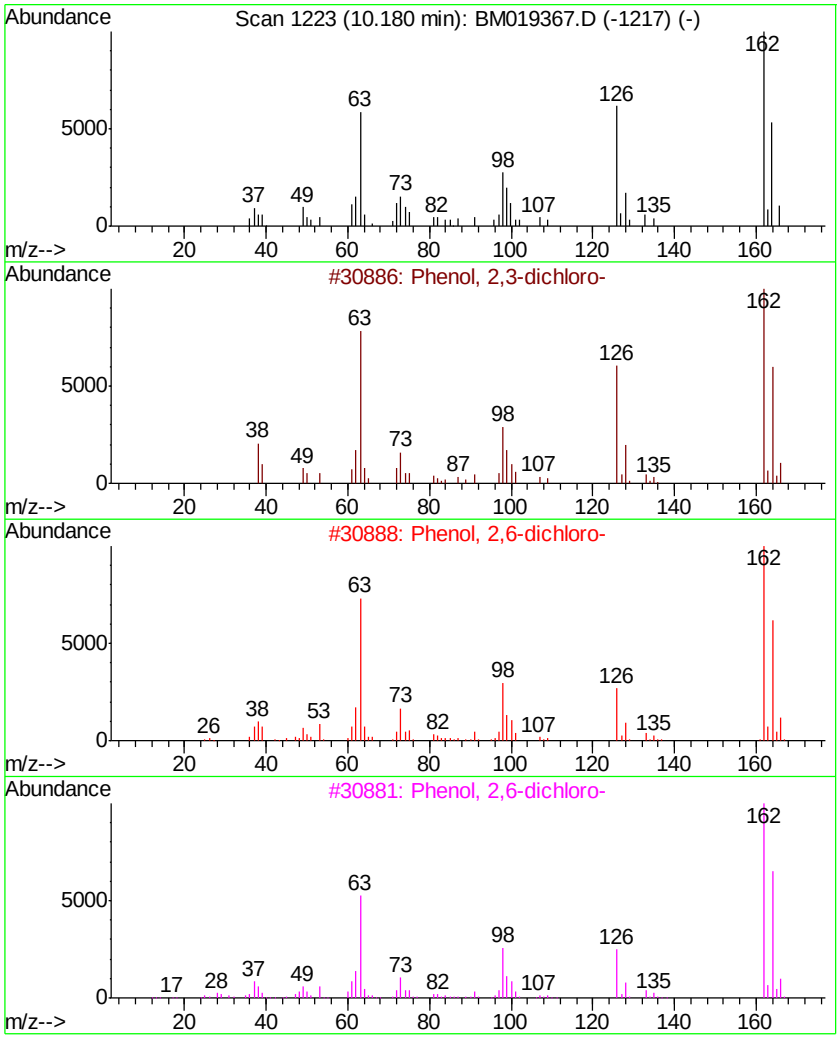
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

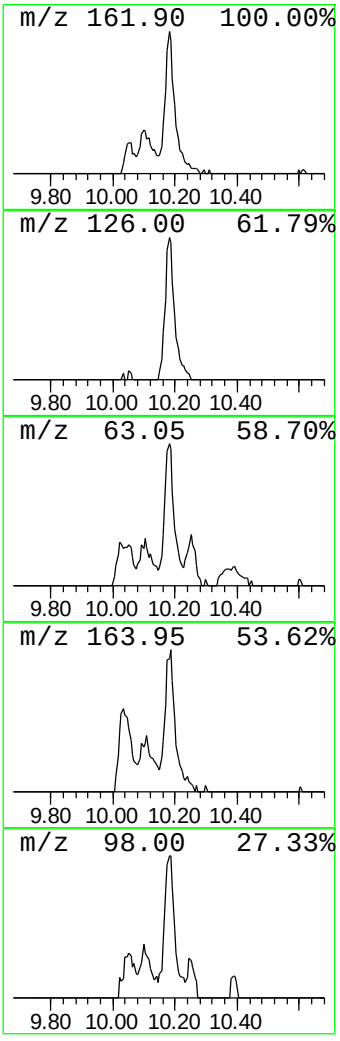
****

Peak Number 4 Phenol, 2,3-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.48 ng/ul	158822	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95
2	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	94
3	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	93
4	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	93
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	83





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Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

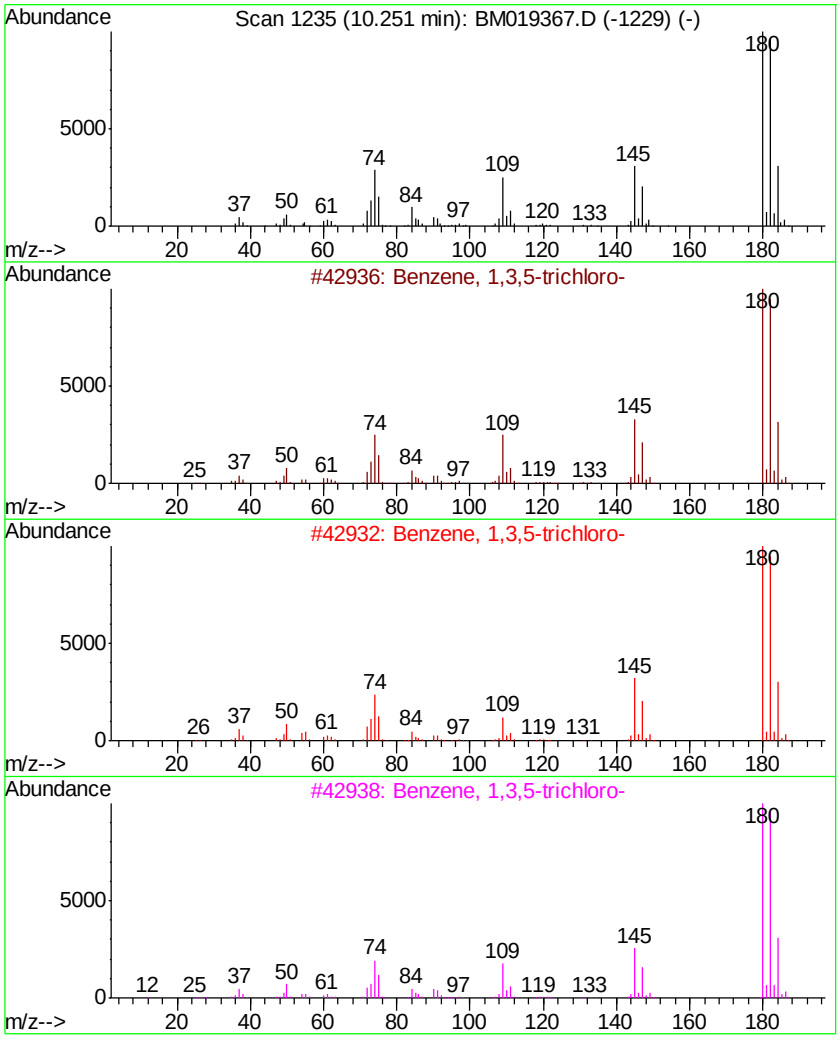
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

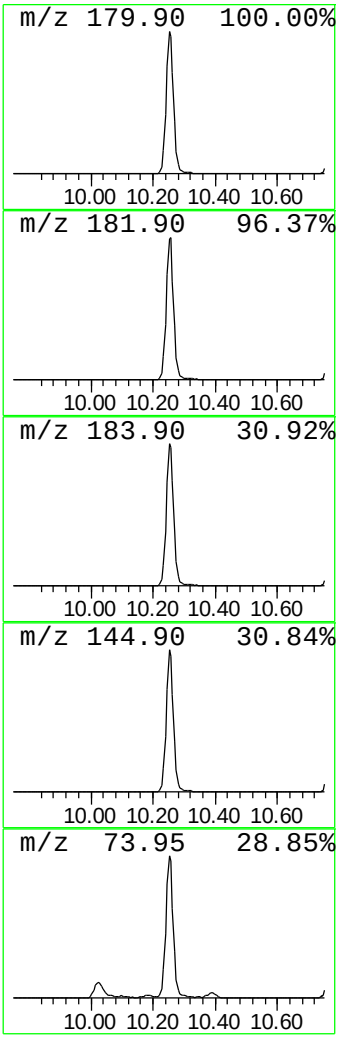
****

Peak Number 5 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	24.13 ng/ul	1546140	Naphthalene-d8	10.39

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





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

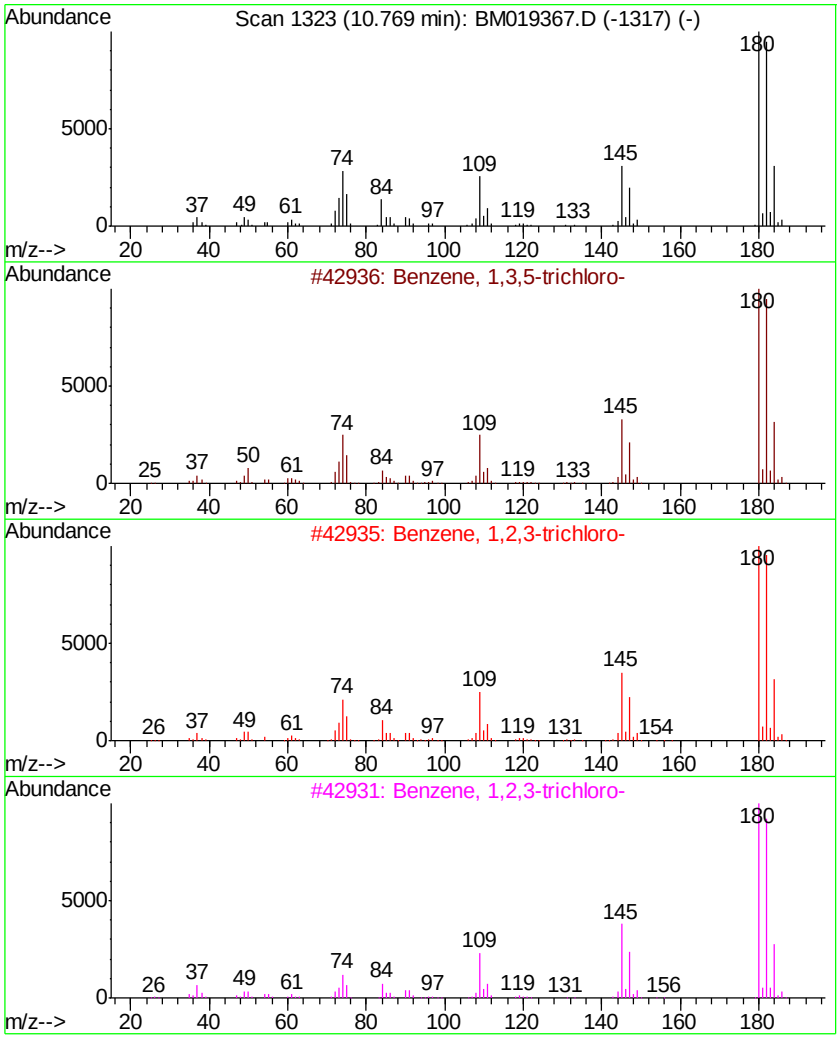
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

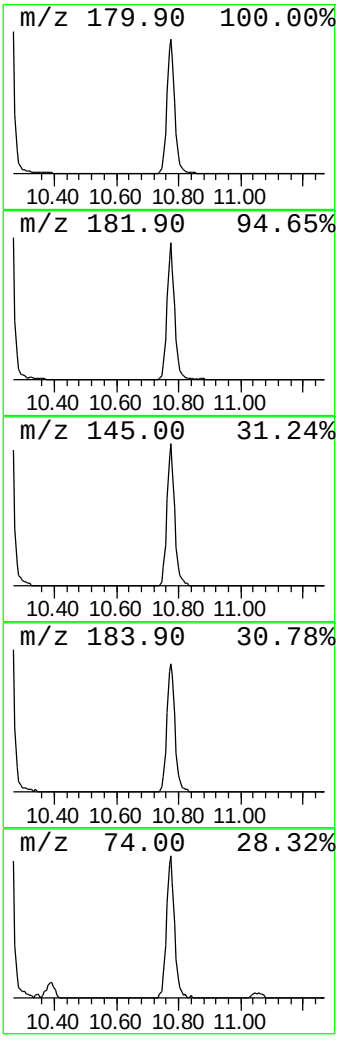
****

Peak Number 6 Benzene, 1,2,3-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	9.08 ng/ul	581933	Naphthalene-d8	10.39

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, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

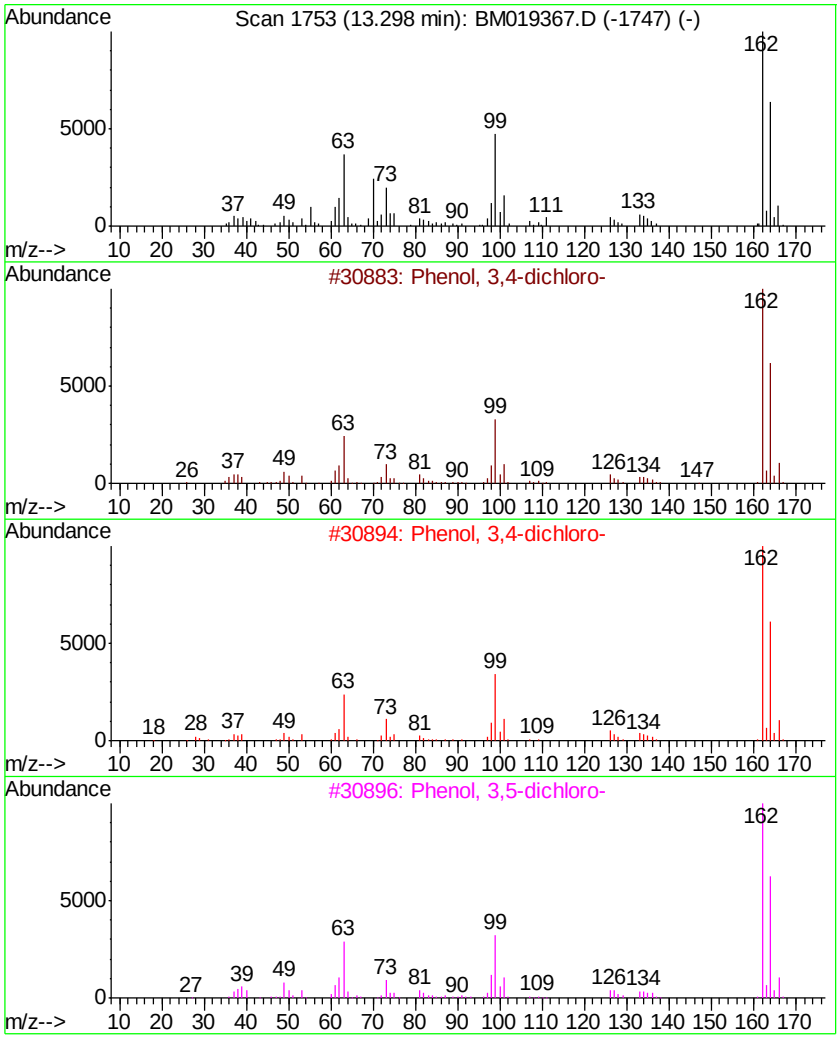
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

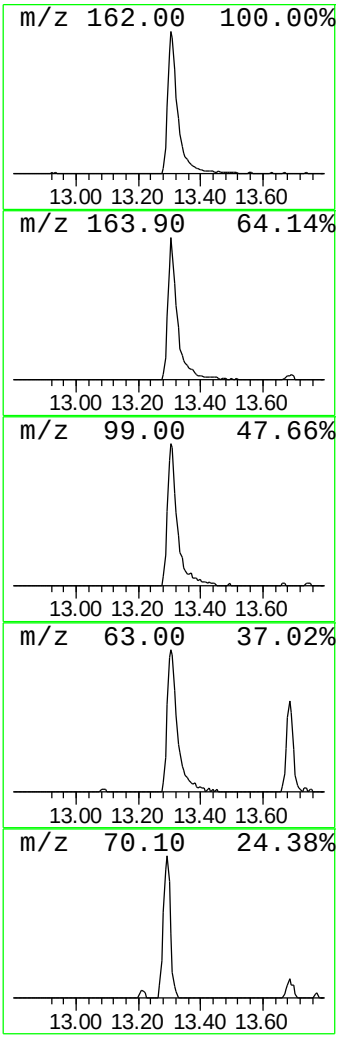
****

Peak Number 7 Phenol, 3,4-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	6.28 ng/ul	516334	Acenaphthene-d10	14.27

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	95
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

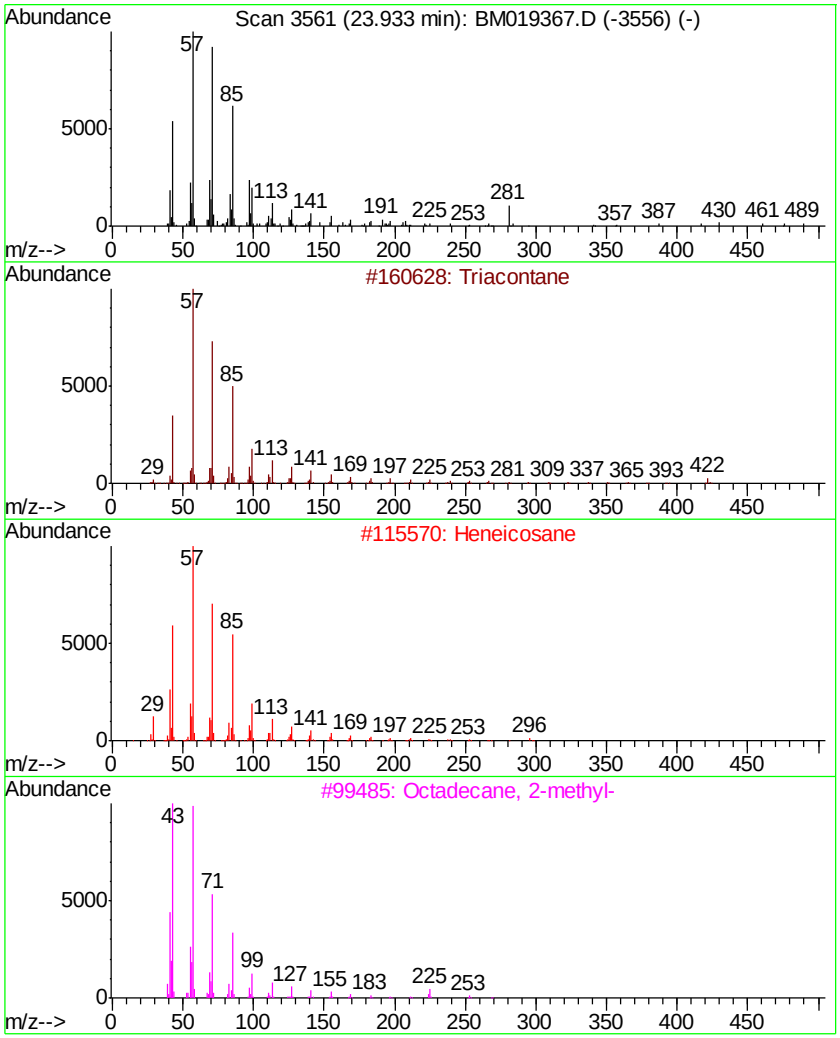
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

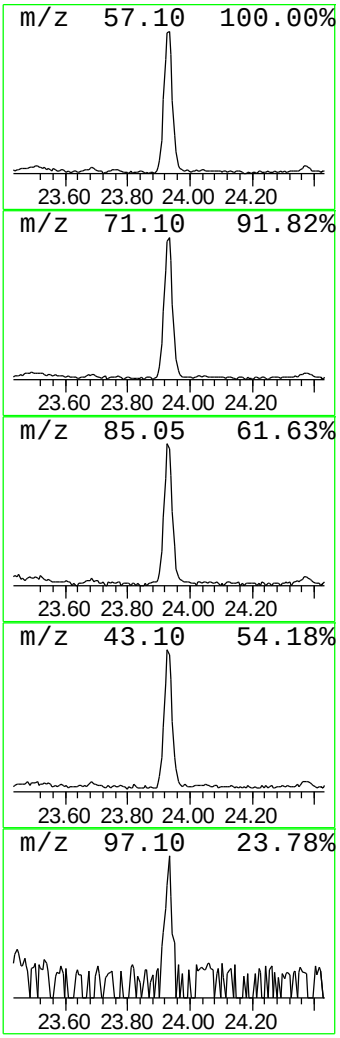
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.55 ng/ul	331456	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	81
2	Heneicosane	296	C21H44	000629-94-7	81
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	81
4	Hexadecane	226	C16H34	000544-76-3	76
5	Eicosane	282	C20H42	000112-95-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
Data File : BM019367.D
Acq On : 24 Mar 2019 00:11
Operator : JU/SJ
Sample : K2025-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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, chloro-	4.95	15.3	ng/ul	675211	1	7.61	883285	20.0
Benzene, 1,4-dich...	7.49	9.2	ng/ul	406444	1	7.61	883285	20.0
Benzene, 1,3-dich...	7.96	207.9	ng/ul	9182410	1	7.61	883285	20.0
Phenol, 2,3-dichl...	10.18	2.5	ng/ul	158822	2	10.39	1281580	20.0
Benzene, 1,3,5-tr...	10.25	24.1	ng/ul	1546140	2	10.39	1281580	20.0
Benzene, 1,2,3-tr...	10.77	9.1	ng/ul	581933	2	10.39	1281580	20.0
Phenol, 3,4-dichl...	13.30	6.3	ng/ul	516334	3	14.27	1643820	20.0
(DEL) Alkane: Str...	23.93	2.5	ng/ul	331456	6	23.44	2595100	20.0