LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092619\
Data File : BG042935.D
Acq On : 26 Sep 2019 12:07
Operator : JU
Sample : K4839-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-ACIDS-WP

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-BG092519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.176	9	15	24	rBV	136750	270496	3.94%	0.460%
2	3.252	24	28	44	rVB	654867	953913	13.90%	1.623%
3	5.655	429	437	449	rBV	1199409	2021266	29.46%	3.439%
4	7.253	699	709	710	rBV	1335780	2402510	35.02%	4.088%
5	7.612	762	770	773	rBV	1280357	2445787	35.65%	4.162%
6	7.641	773	775	784	rVB	1284217	1841059	26.83%	3.133%
7	8.070	842	848	857	rBV	212054	374973	5.47%	0.638%
8	8.399	895	904	913	rBV	945773	1697874	24.75%	2.889%
9	8.840	971	979	991	rBV	1026181	1773941	25.86%	3.019%
10	9.234	1037	1046	1054	rBV	762014	1402413	20.44%	2.386%
11	9.991	1166	1175	1180	rBV	1151060	2060430	30.03%	3.506%
12	10.056	1180	1186	1199	rVB	2101441	3651843	53.23%	6.214%
13	10.526	1257	1266	1280	rBV	1725971	3093111	45.08%	5.263%
14	10.879	1318	1326	1333	rBV	272324	485293	7.07%	0.826%
15	11.061	1344	1357	1369	rBV	1402986	2605204	37.97%	4.433%
16	12.154	1534	1543	1558	rBV	1380371	2381468	34.71%	4.052%
17	13.129	1701	1709	1716	rBV	914756	1494074	21.78%	2.542%
18	13.199	1716	1721	1735	rVV	708936	1221302	17.80%	2.078%
19	13.323	1735	1742	1753	rVB	2170663	3409440	49.69%	5.802%
20	14.692	1968	1975	1982	rBV	476236	742434	10.82%	1.263%
21	14.798	1986	1993	2004	rBV	1321321	2066892	30.13%	3.517%
22	14.909	2004	2012	2025	rVV	1021080	1741106	25.38%	2.963%
23	15.814	2158	2166	2177	rBV	1559015	2320364	33.82%	3.948%
24	16.178	2221	2228	2244	rBV	2128895	3251714	47.39%	5.533%
25	17.089	2376	2383	2395	rBV	1777134	2701500	39.38%	4.597%
26	17.436	2436	2442	2451	rBV	635426	984310	14.35%	1.675%
27	20.044	2880	2886	2901	rBV	4882059	6860901	100.00%	11.675%
28	21.707	3163	3169	3176	rBV2	732877	1229525	17.92%	2.092%
29	24.939	3710	3719	3736	rVB	415245	1282776	18.70%	2.183%

Sum of corrected areas: 58767919

LSC Report - Integrated Chromatogram

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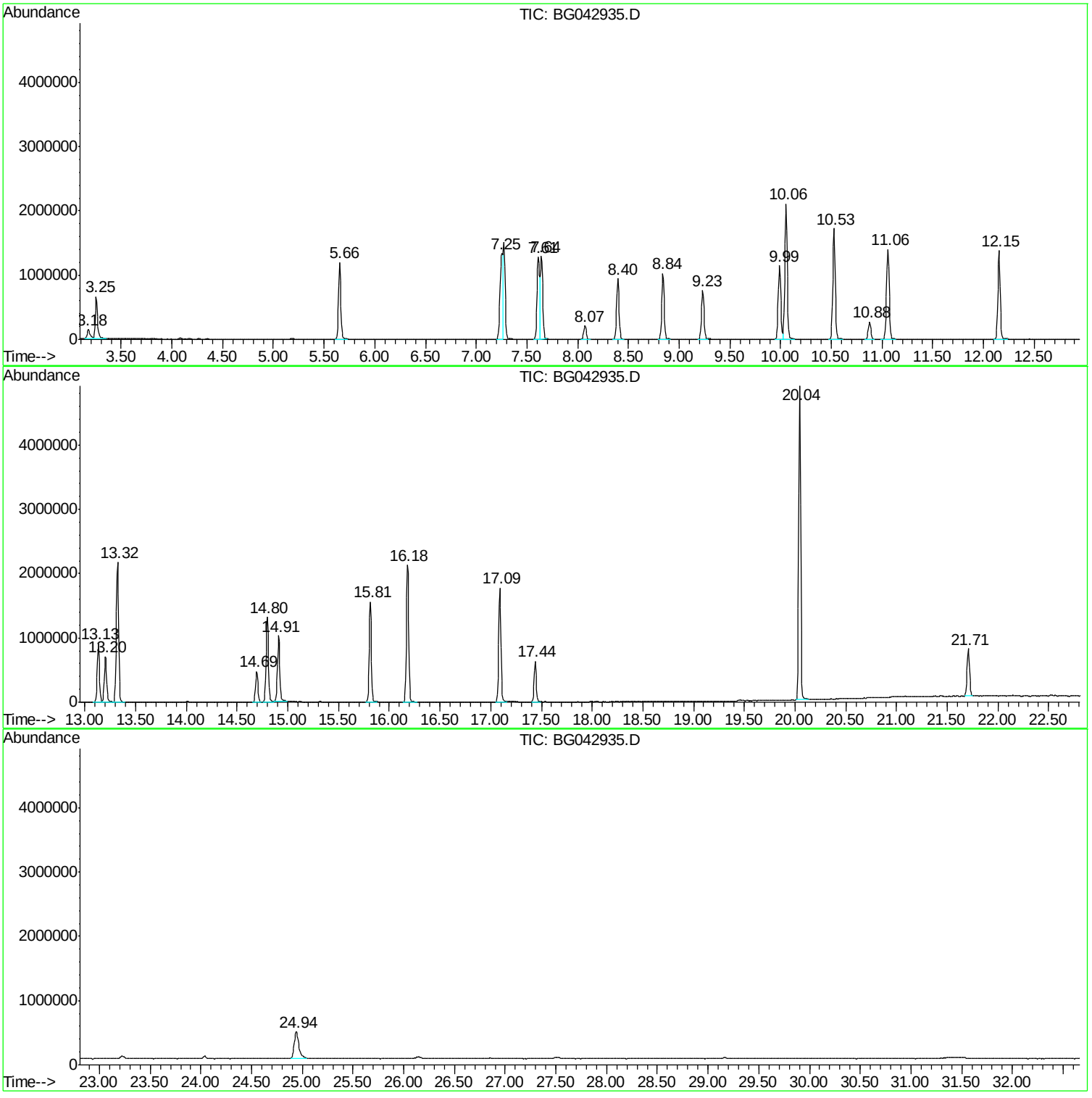
Instrument : BNA_G
ClientSampleId : PT-ACIDS-WP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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TIC Library : C:\Database\NIST11.L
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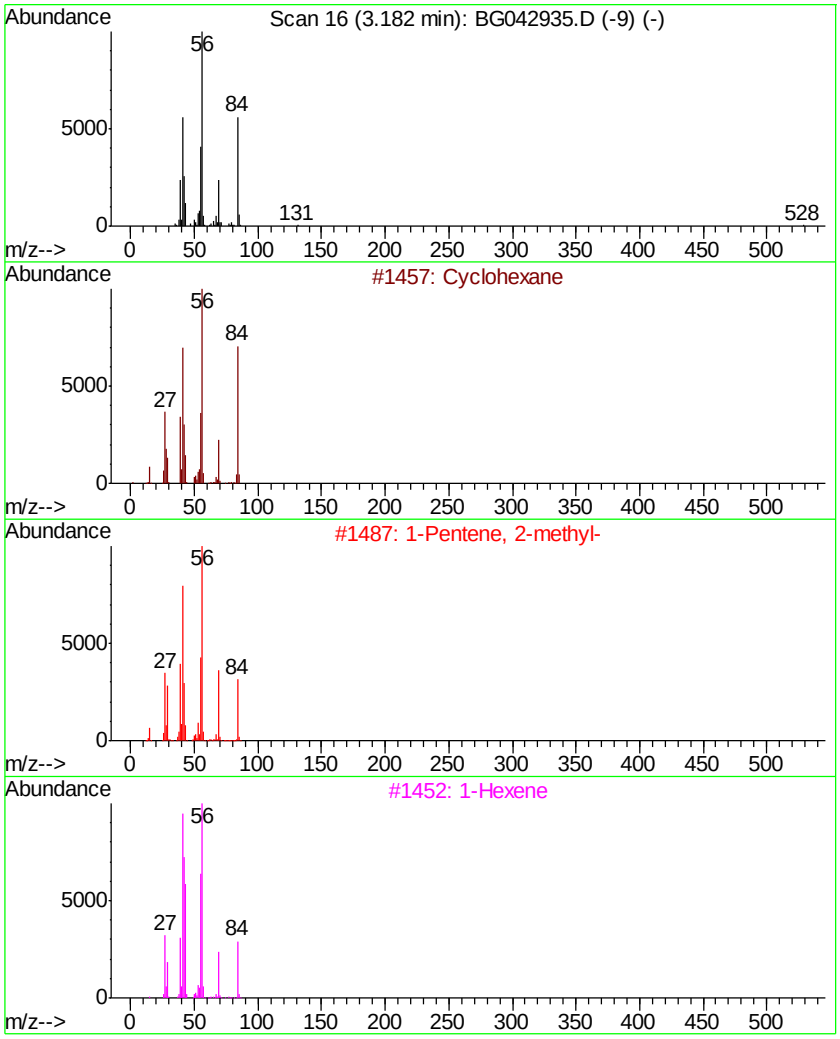
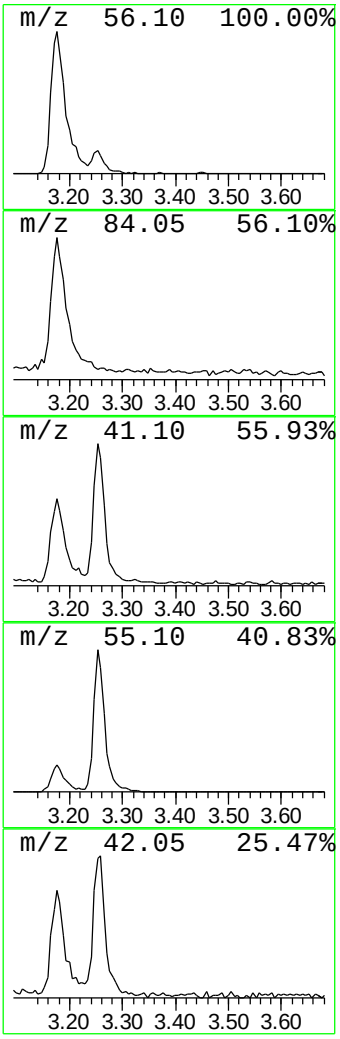
****

Peak Number 1 Cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	14.43 ng	270496	1,4-Dichlorobenzene-d4	8.08

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	78
3	1-Hexene	84	C6H12	000592-41-6	53
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
5	1-Butanol	74	C4H10O	000071-36-3	47





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-ACIDS-WP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

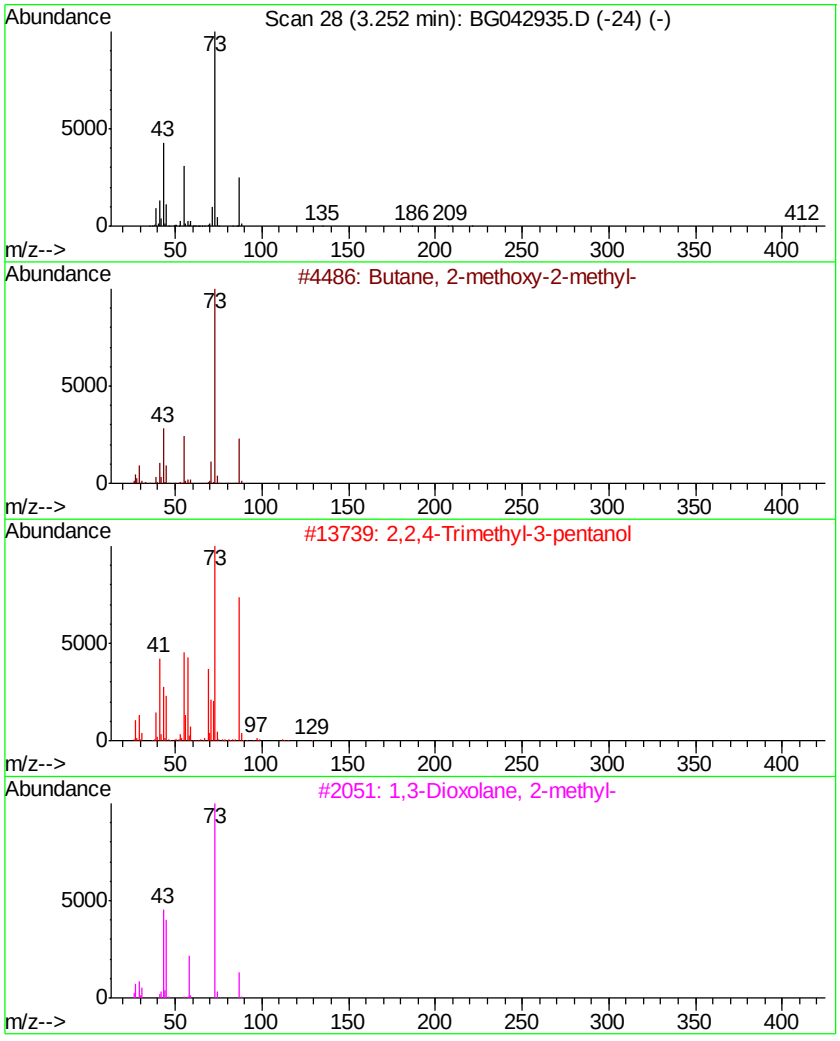
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

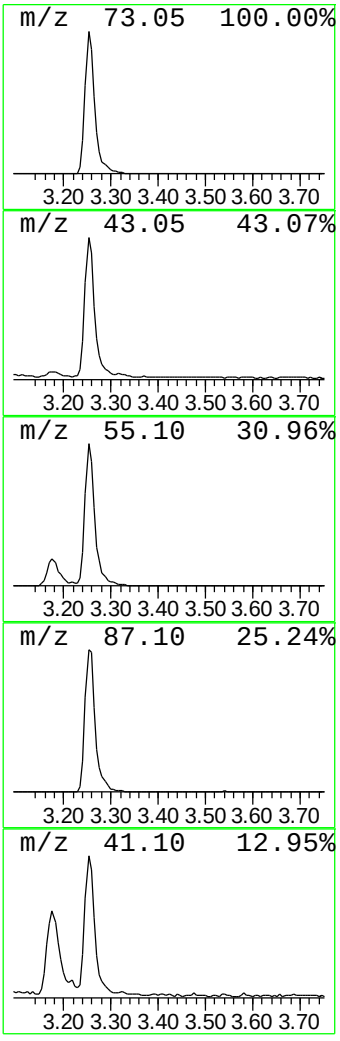
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	50.88 ng	953913	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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TIC Library : C:\Database\NIST11.L
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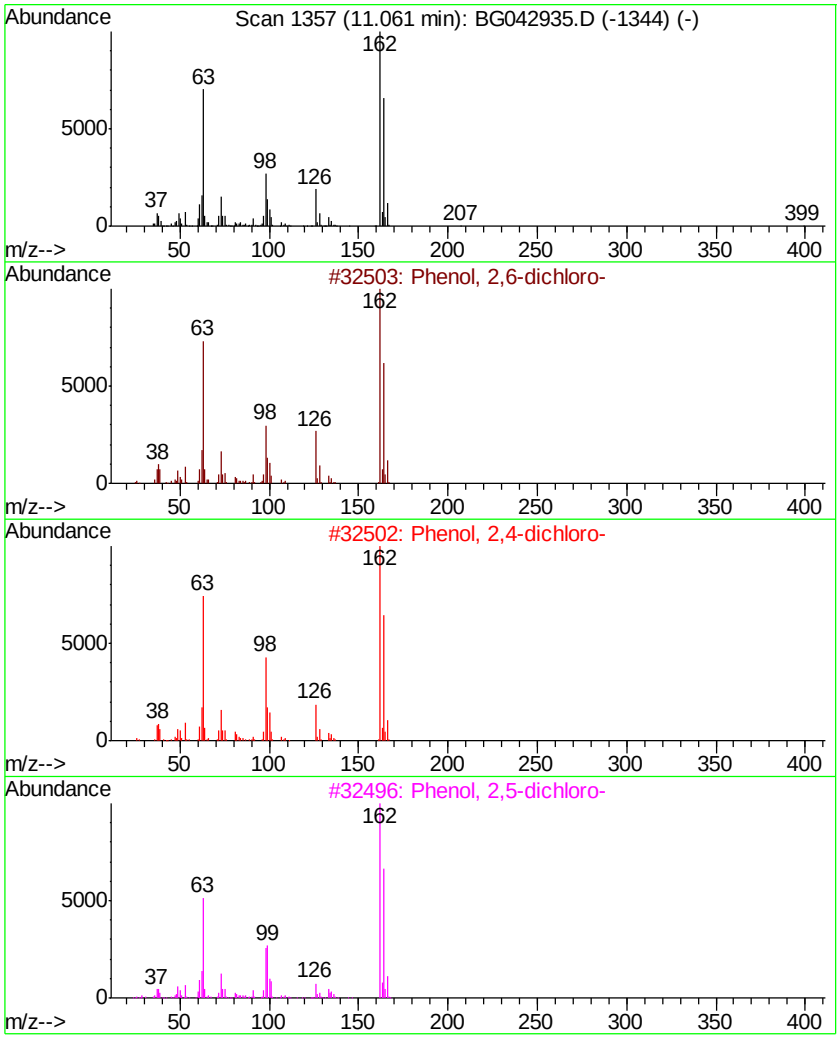
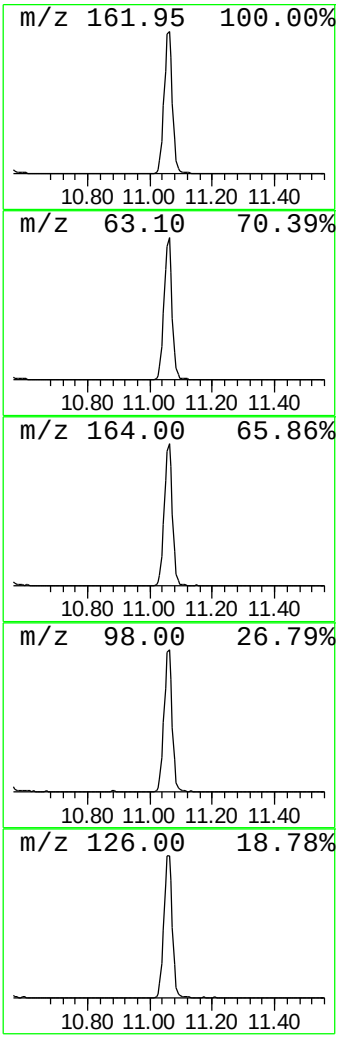
****

Peak Number 4 Phenol, 2,6-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	107.37 ng	2605200	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	97
2	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	96
3	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	95
4	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	94
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	70





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	3.18	14.4	ng	270496	1	8.08	374973	20.0
Butane, 2-methoxy...	3.25	50.9	ng	953913	1	8.08	374973	20.0
Phenol, 2,6-dichl...	11.06	107.4	ng	2605200	2	10.88	485293	20.0