LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017153.D
Acq On : 13 Sep 2023 17:25
Operator : MA/JU
Sample : 04324-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHE9

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_P\Methods\SFAM-EPA-BP091223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017153.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	25	30	36	rBV	464919	706408	8.74%	1.032%
2	3.317	36	39	51	rVB	71742	118067	1.46%	0.172%
3	3.752	109	113	129	rBV	402828	610653	7.56%	0.892%
4	3.946	141	146	153	rVB	52110	75160	0.93%	0.110%
5	4.058	162	165	171	rVB2	17174	24188	0.30%	0.035%
6	4.446	229	231	236	rVB5	12429	15236	0.19%	0.022%
7	4.581	249	254	263	rBV	100153	150287	1.86%	0.219%
8	4.999	322	325	331	rVB2	8201	11725	0.15%	0.017%
9	5.581	421	424	431	rVV4	6992	10240	0.13%	0.015%
10	7.105	676	683	694	rBV	303344	480700	5.95%	0.702%
11	7.293	708	715	729	rBV	1013447	1555954	19.26%	2.272%
12	7.475	736	746	757	rBV	988455	1564361	19.36%	2.284%
13	7.575	757	763	769	rVB7	6230	13387	0.17%	0.020%
14	7.952	819	827	836	rBV	949853	1466453	18.15%	2.142%
15	8.663	941	948	959	rBV	815436	1322539	16.37%	1.931%
16	9.152	1023	1031	1042	rBV	1152211	1852337	22.93%	2.705%
17	9.863	1146	1152	1165	rBV	915200	1472371	18.22%	2.150%
18	10.387	1234	1241	1254	rBV	1361280	2249383	27.84%	3.285%
19	10.775	1299	1307	1315	rBV	1253809	2094267	25.92%	3.058%
20	10.940	1326	1335	1350	rBV	798885	1316166	16.29%	1.922%
21	12.298	1561	1566	1571	rVB2	12857	21016	0.26%	0.031%
22	12.363	1571	1577	1581	rBV	23277	36851	0.46%	0.054%
23	13.457	1757	1763	1779	rBV	651991	1060430	13.13%	1.549%
24	13.569	1779	1782	1790	rVB8	6547	13676	0.17%	0.020%
25	14.028	1851	1860	1871	rBV	2798115	3766803	46.62%	5.501%
26	14.310	1899	1908	1922	rBV	3082045	4334002	53.64%	6.329%
27	14.610	1951	1959	1968	rBV	1970514	2819431	34.90%	4.117%
28	14.828	1991	1996	2013	rBV	201966	390617	4.83%	0.570%
29	15.045	2030	2033	2040	rVB9	5649	10498	0.13%	0.015%
30	15.610	2121	2129	2143	rBV	4045128	5701214	70.57%	8.326%
31	15.734	2144	2150	2161	rVV	1390353	1826211	22.60%	2.667%
32	15.845	2165	2169	2173	rVB3	18137	26444	0.33%	0.039%
33	16.622	2294	2301	2303	rBV5	8418	15168	0.19%	0.022%
34	16.728	2316	2319	2323	rBV6	5200	8167	0.10%	0.012%
35	17.045	2369	2373	2381	rBV10	6506	14104	0.17%	0.021%
36	17.381	2423	2430	2437	rBV	2530664	3453265	42.74%	5.043%

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Title : SVOA CALIBRATION

37	17.481	2441	2447	2462	rVV2	4744338	6673106	82.59%	9.745%
38	18.004	2533	2536	2542	rVB8	10617	14892	0.18%	0.022%
39	18.222	2568	2573	2580	rBV	125432	174057	2.15%	0.254%
40	19.110	2721	2724	2726	rBV3	20446	23845	0.30%	0.035%
41	19.139	2726	2729	2737	rVB2	87268	108403	1.34%	0.158%
42	19.263	2747	2750	2751	rBV3	15071	16485	0.20%	0.024%
43	19.292	2751	2755	2759	rVV2	58788	79898	0.99%	0.117%
44	19.357	2762	2766	2772	rVV	93283	127047	1.57%	0.186%
45	19.457	2779	2783	2789	rBV2	82566	109794	1.36%	0.160%
46	19.722	2822	2828	2839	rBV	6370426	8079313	100.00%	11.798%
47	21.480	3122	3127	3135	rBV	2552199	3274753	40.53%	4.782%
48	23.839	3521	3528	3540	rVB2	3111852	6346470	78.55%	9.268%
49	24.004	3549	3556	3566	rVB	1333422	2841931	35.18%	4.150%

Sum of corrected areas: 68477773

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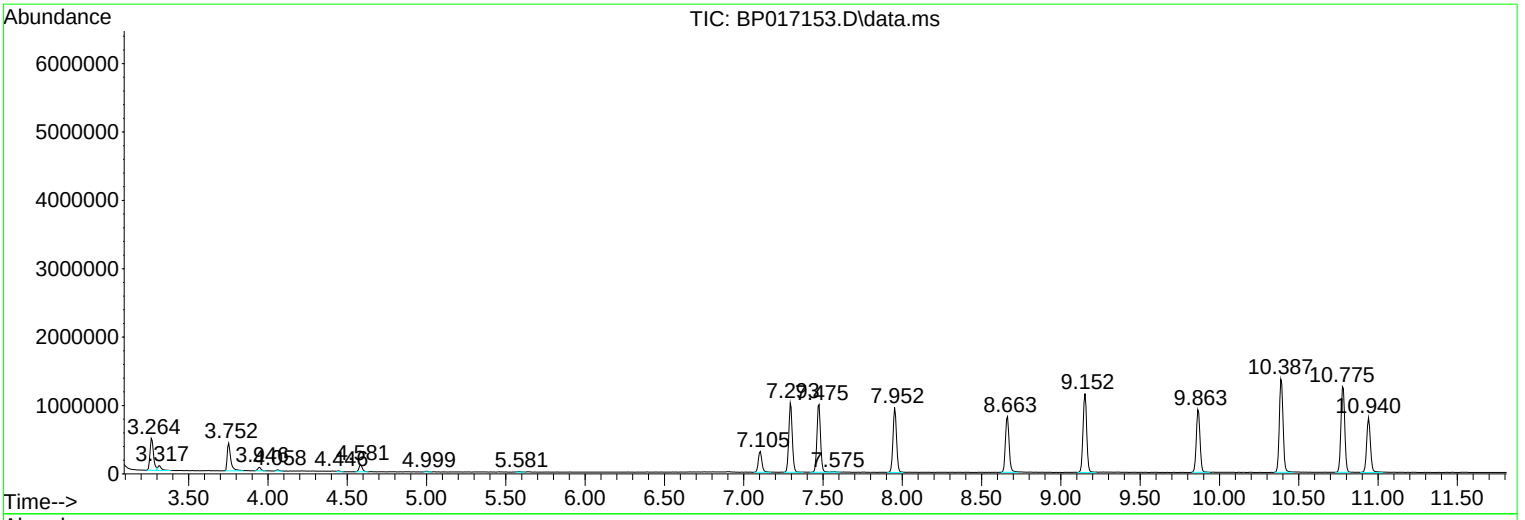
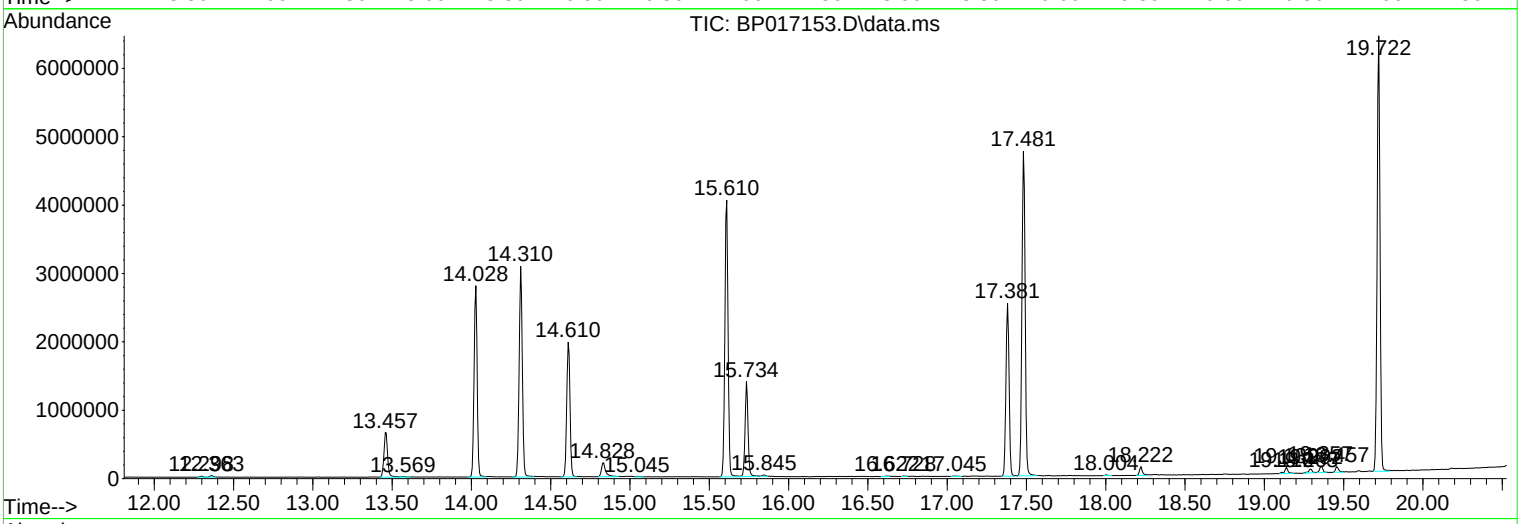
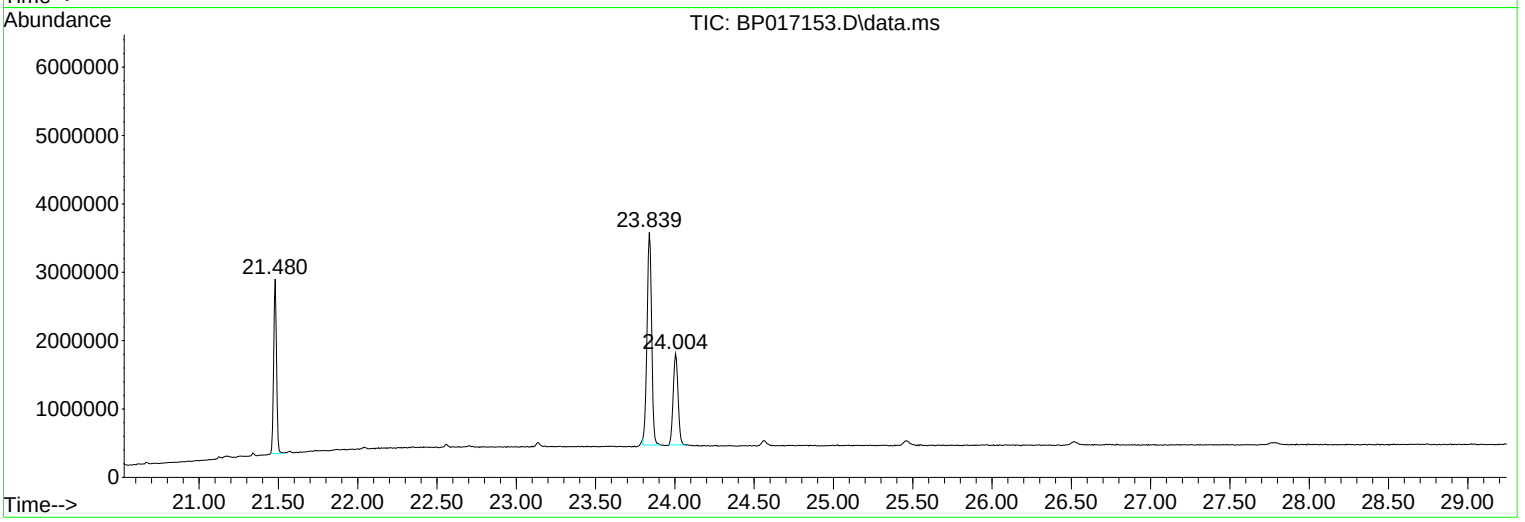
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P







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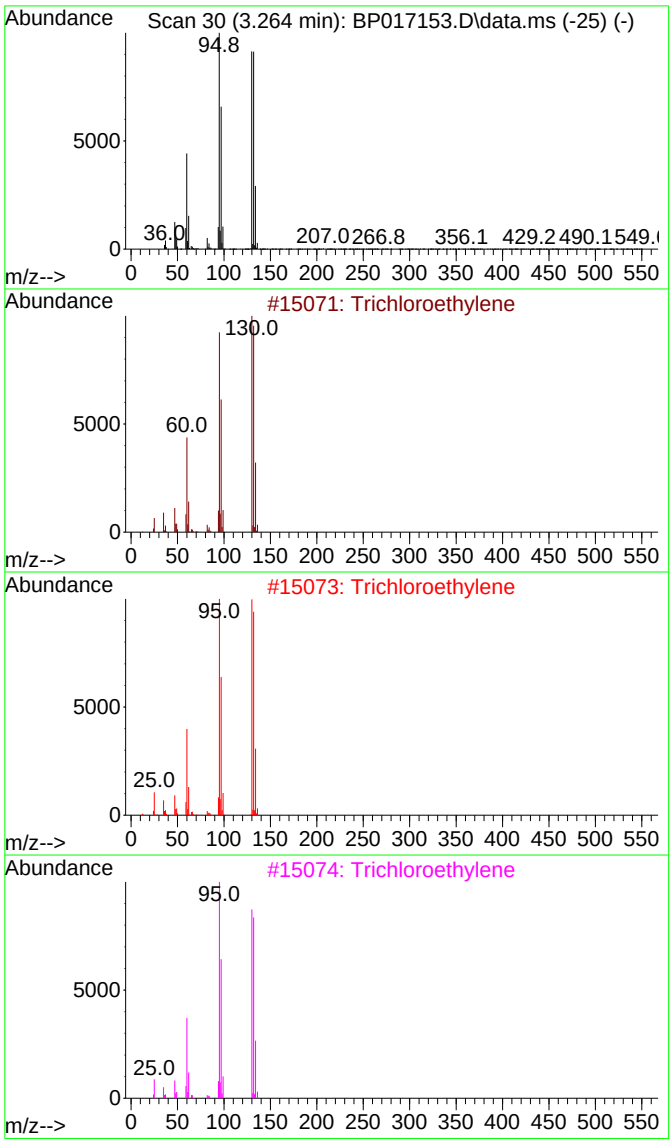
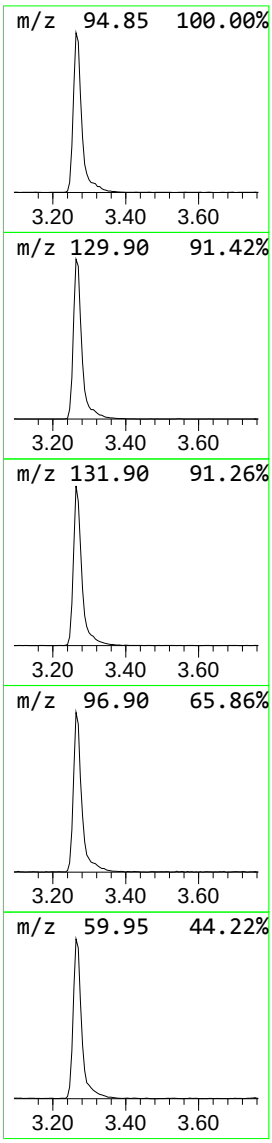
****
Peak Number 1 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.264	9.63 ng/ul	706408	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	Trichloroethylene	130	C2HCl3	000079-01-6	98
3	Trichloroethylene	130	C2HCl3	000079-01-6	97
4	Trichloroethylene	130	C2HCl3	000079-01-6	97
5	Trichloroethylene	130	C2HCl3	000079-01-6	96





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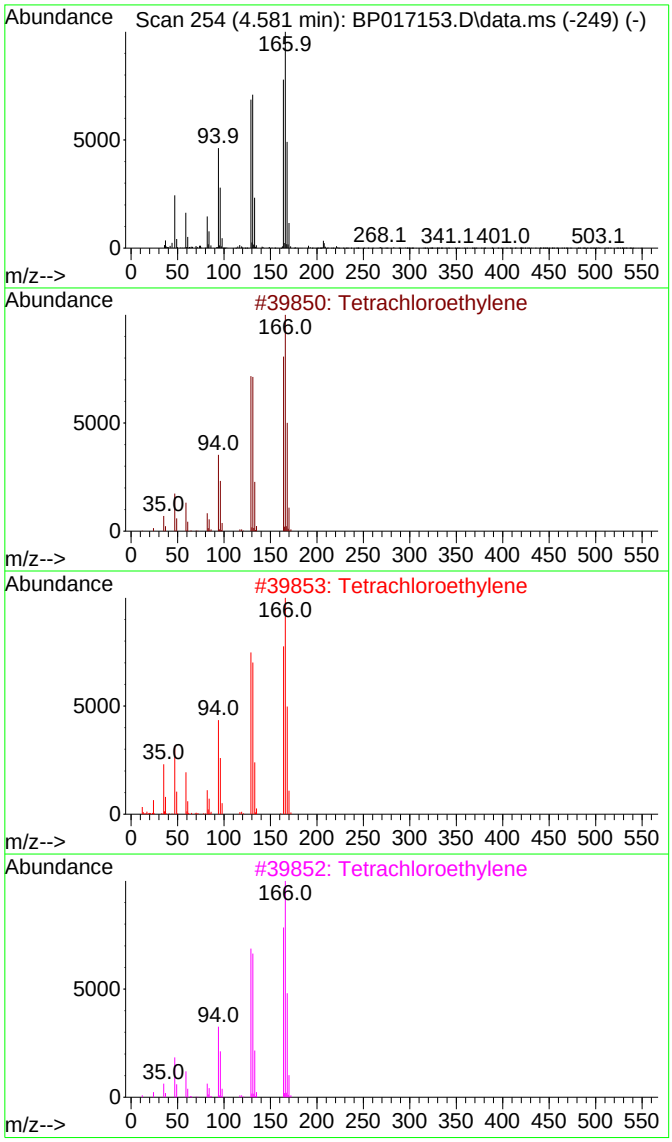
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

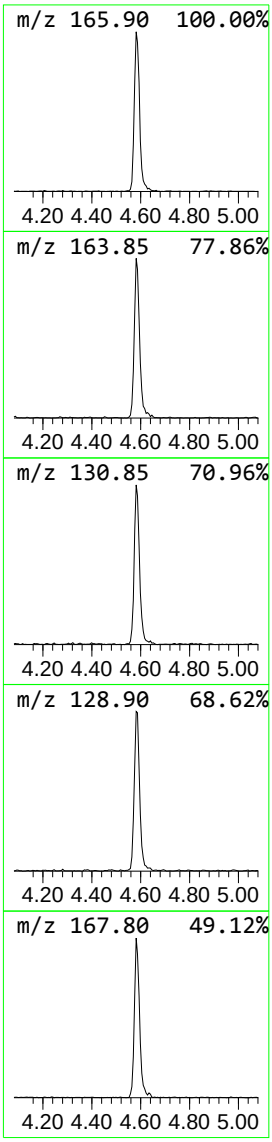
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Tetrachloroethylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.581	2.05 ng/ul	150287	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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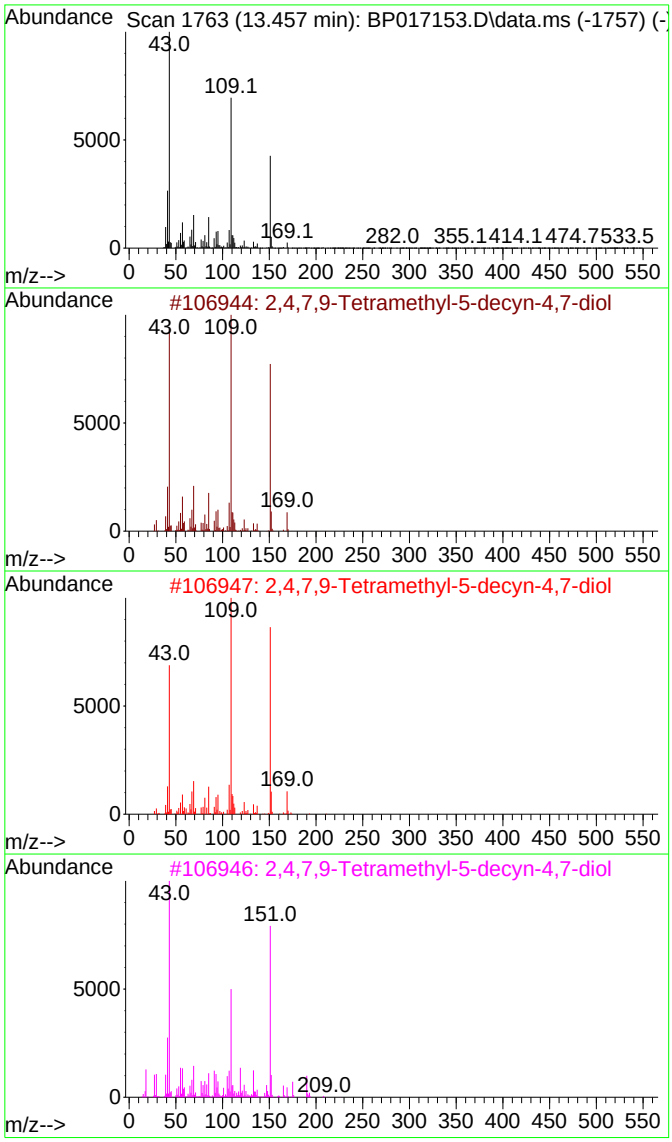
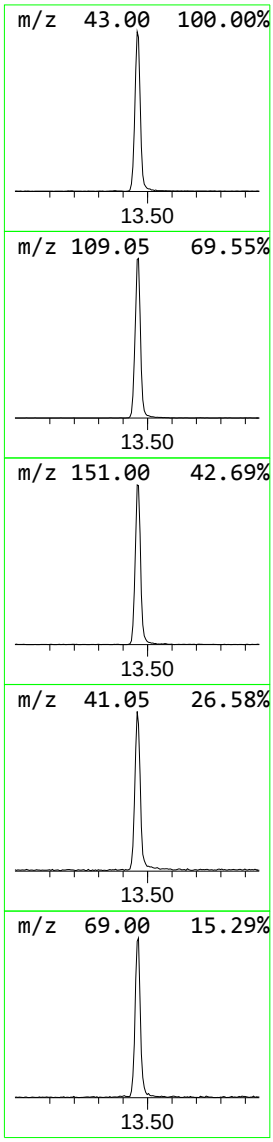
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	7.52 ng/ul	1060430	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53





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
Trichloroethylene	3.264	9.6	ng/ul	706408	1	7.952	1466450	20.0
Tetrachloroethy...	4.581	2.0	ng/ul	150287	1	7.952	1466450	20.0
2,4,7,9-Tetrame...	13.457	7.5	ng/ul	1060430	3	14.610	2819430	20.0