LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031064.D
Acq On : 20 Apr 2024 07:35
Operator : MA/JU
Sample : P2159-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0RE3

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_N\Methods\SFAM-EPA-BN041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	7	10	16	rVB4	10057	13792	0.22%	0.034%
2	3.146	24	27	32	rVB4	10525	13829	0.22%	0.034%
3	3.558	95	97	112	rBV	84259	153354	2.47%	0.377%
4	3.869	147	150	154	rVB4	4684	6314	0.10%	0.016%
5	4.363	231	234	240	rVB2	9693	14809	0.24%	0.036%
6	4.975	336	338	344	rVB6	5780	8336	0.13%	0.020%
7	6.810	644	650	662	rVB	78616	131656	2.12%	0.324%
8	6.975	672	678	689	rBV	437513	694604	11.20%	1.708%
9	7.169	704	711	721	rBV	363854	592140	9.55%	1.456%
10	7.634	784	790	802	rBV	415957	663604	10.70%	1.632%
11	7.981	843	849	855	rBV6	10630	17555	0.28%	0.043%
12	8.340	901	910	922	rBV	261202	417665	6.73%	1.027%
13	8.793	979	987	1002	rBV	531029	892159	14.39%	2.194%
14	9.187	1046	1054	1059	rVB9	3212	8435	0.14%	0.021%
15	9.504	1099	1108	1116	rBV	401755	647309	10.44%	1.592%
16	9.916	1171	1178	1181	rBV2	7937	12933	0.21%	0.032%
17	10.040	1192	1199	1215	rBV	589504	1003323	16.18%	2.467%
18	10.281	1232	1240	1246	rVB2	18166	32292	0.52%	0.079%
19	10.416	1255	1263	1270	rBV	623782	1042823	16.82%	2.564%
20	10.557	1279	1287	1297	rBV	556281	970502	15.65%	2.386%
21	10.793	1323	1327	1333	rBV4	9029	15325	0.25%	0.038%
22	12.010	1526	1534	1540	rVB3	13184	22329	0.36%	0.055%
23	13.069	1708	1714	1718	rBV5	8709	14006	0.23%	0.034%
24	13.175	1727	1732	1739	rVB4	9170	13753	0.22%	0.034%
25	13.698	1815	1821	1829	rBV	1431532	1978652	31.91%	4.865%
26	13.975	1861	1868	1882	rBV	1621532	2368121	38.19%	5.822%
27	14.157	1896	1899	1906	rBV3	8796	11919	0.19%	0.029%
28	14.281	1914	1920	1927	rBV	1095111	1553258	25.05%	3.819%
29	14.498	1950	1957	1967	rBV2	73200	145992	2.35%	0.359%
30	14.598	1969	1974	1980	rVV4	12973	23186	0.37%	0.057%
31	15.034	2043	2048	2054	rBV	139023	180526	2.91%	0.444%
32	15.281	2083	2090	2100	rBV	2084502	3089668	49.82%	7.596%
33	15.398	2104	2110	2121	rBV	579377	783118	12.63%	1.925%
34	15.516	2126	2130	2134	rVB3	10292	14296	0.23%	0.035%
35	16.063	2219	2223	2226	rBV3	6808	9133	0.15%	0.022%
36	16.445	2283	2288	2292	rBV7	4804	8590	0.14%	0.021%

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Title : SVOA CALIBRATION

37	16.704	2327	2332	2337	rVB8	3949	6763	0.11%	0.017%
38	17.028	2381	2387	2395	rBV	1437117	2040496	32.90%	5.017%
39	17.128	2398	2404	2415	rBV2	2547187	3636607	58.64%	8.941%
40	17.927	2535	2540	2550	rBV3	48821	73001	1.18%	0.179%
41	18.422	2620	2624	2628	rVB5	7888	12300	0.20%	0.030%
42	18.992	2717	2721	2727	rVB2	38839	49388	0.80%	0.121%
43	19.069	2729	2734	2739	rVV	33076	48374	0.78%	0.119%
44	19.222	2756	2760	2767	rBV2	38929	55303	0.89%	0.136%
45	19.433	2790	2796	2803	rBV	3540732	4725454	76.20%	11.618%
46	21.263	3102	3107	3114	rBV2	1983616	2754056	44.41%	6.771%
47	23.974	3558	3568	3583	rVB2	2593581	6201444	100.00%	15.247%
48	24.168	3592	3601	3615	rVB	1411536	3500321	56.44%	8.606%

Sum of corrected areas: 40672813

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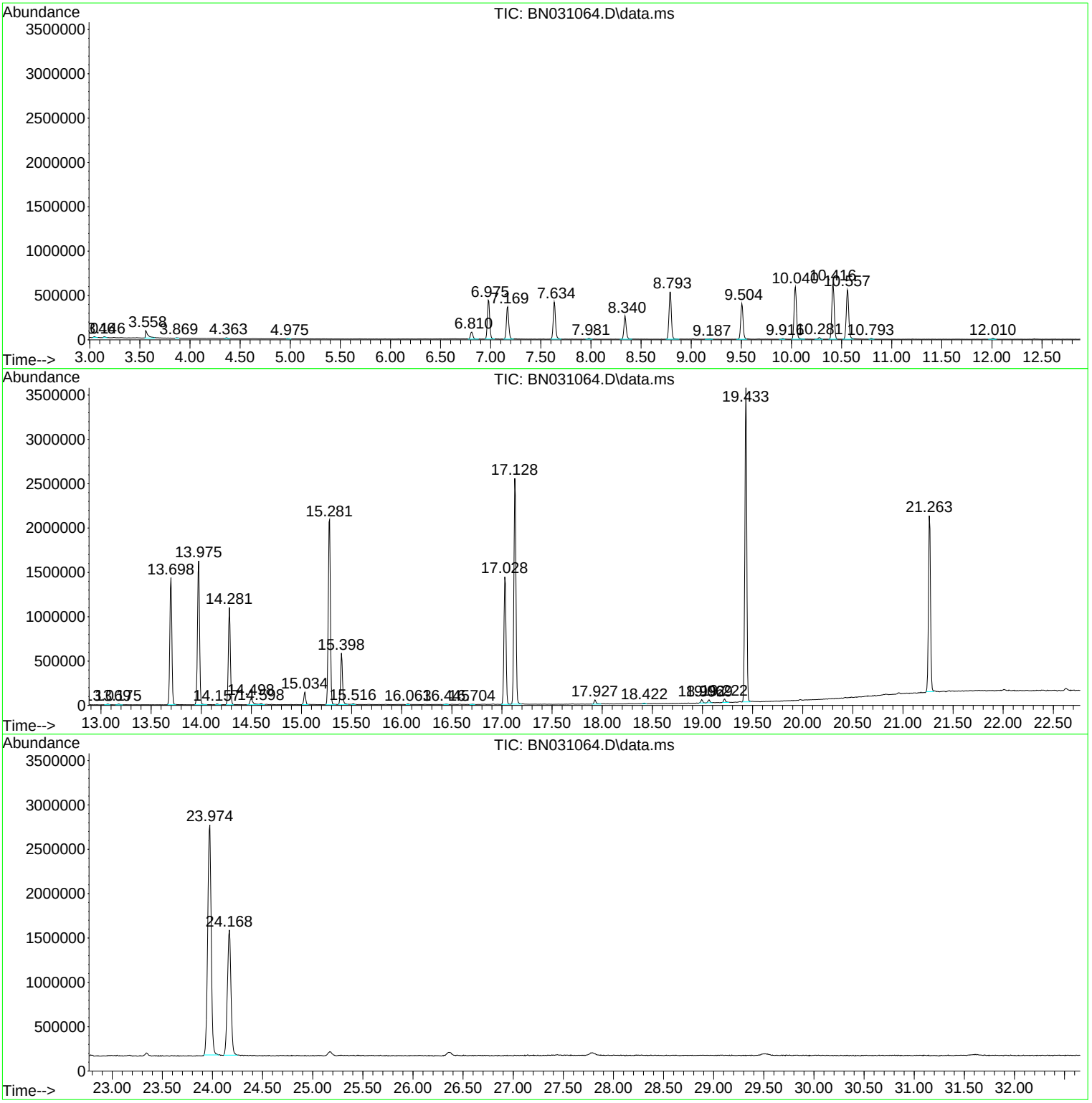
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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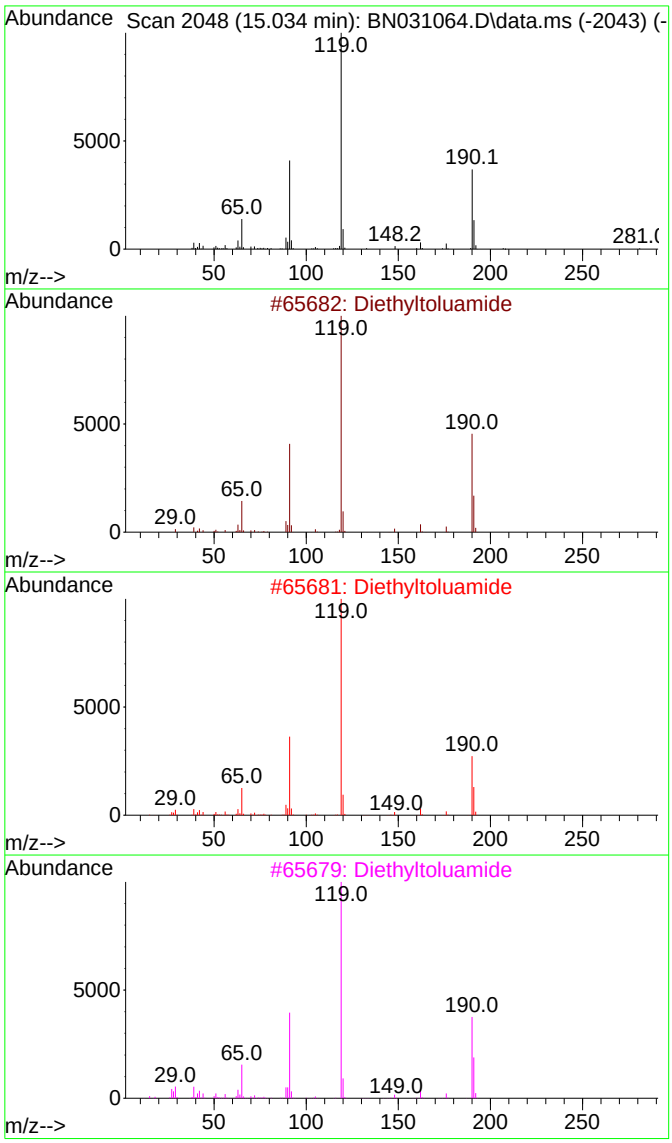
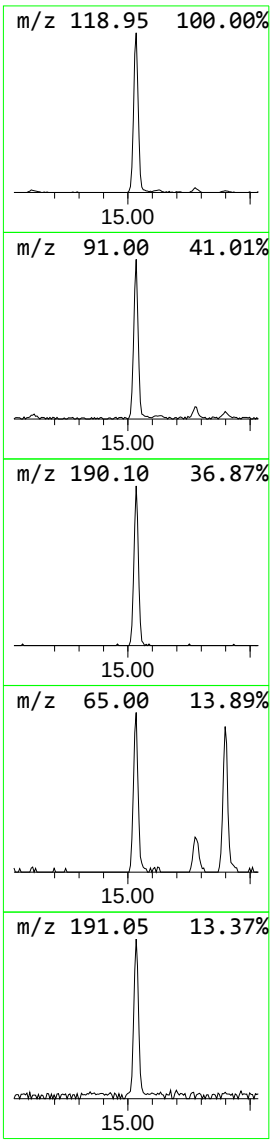
Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.034	2.32 ng/ul	180526	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	93
4	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	90
5	Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	87





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Diethyltoluamide	15.034	2.3	ng/ul	180526	3	14.281	1553260	20.0