LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031350.D
Acq On : 01 May 2024 15:09
Operator : MA/JU
Sample : P2154-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XA398DL

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-BN042924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031350.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	22	24	33	rVB	15234	24638	0.82%	0.056%
2	3.470	78	82	92	rBV	218502	305359	10.17%	0.688%
3	3.540	92	94	112	rVB	94296	155986	5.19%	0.351%
4	3.846	142	146	152	rVB	15786	20215	0.67%	0.046%
5	4.669	281	286	289	rBV3	6758	10975	0.37%	0.025%
6	5.064	350	353	358	rVB	14498	21944	0.73%	0.049%
7	5.264	383	387	389	rBV5	4341	5571	0.19%	0.013%
8	6.734	630	637	640	rBV5	3667	7162	0.24%	0.016%
9	6.787	640	646	662	rVB	168262	281804	9.38%	0.635%
10	6.952	667	674	683	rBV	144014	223605	7.44%	0.504%
11	7.046	683	690	699	rVV	452674	684031	22.77%	1.541%
12	7.140	699	706	715	rVV	179075	285832	9.52%	0.644%
13	7.222	717	720	726	rVB6	3883	5083	0.17%	0.011%
14	7.605	779	785	789	rBV	670221	1131020	37.66%	2.548%
15	7.640	789	791	803	rVB	439832	617757	20.57%	1.392%
16	7.952	838	844	855	rVB	213276	348242	11.59%	0.785%
17	8.140	866	876	882	rBV2	442771	1103963	36.75%	2.487%
18	8.187	882	884	892	rVB	16609	23131	0.77%	0.052%
19	8.316	899	906	919	rBV	204014	341982	11.39%	0.771%
20	8.763	975	982	986	rBV	157353	261198	8.70%	0.589%
21	8.805	986	989	999	rVB	113044	183460	6.11%	0.413%
22	9.328	1071	1078	1087	rVB	172288	268068	8.92%	0.604%
23	9.481	1097	1104	1113	rBV	122869	206647	6.88%	0.466%
24	9.640	1124	1131	1135	rBB6	3079	5826	0.19%	0.013%
25	9.810	1153	1160	1168	rBV	420463	668819	22.27%	1.507%
26	9.910	1174	1177	1181	rVB4	2197	3177	0.11%	0.007%
27	10.016	1189	1195	1208	rBV	194339	335658	11.18%	0.756%
28	10.105	1208	1210	1214	rVB3	2455	3400	0.11%	0.008%
29	10.387	1249	1258	1267	rBV	867410	1444028	48.08%	3.254%
30	10.534	1276	1283	1292	rBV	138172	249743	8.31%	0.563%
31	11.981	1527	1529	1534	rVB2	4134	4788	0.16%	0.011%
32	12.057	1534	1542	1551	rBV	609038	956674	31.85%	2.155%
33	12.281	1574	1580	1587	rBV4	8418	15097	0.50%	0.034%
34	12.510	1611	1619	1620	rVB6	2283	4074	0.14%	0.009%
35	13.069	1707	1714	1718	rVB8	1330	3004	0.10%	0.007%
36	13.151	1722	1728	1735	rBV3	13113	20767	0.69%	0.047%

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
XA398DL

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-BN042924.MA.M
Title : SVOA CALIBRATION

37	13.675	1811	1817	1821	rBV	386573	529969	17.64%	1.194%
38	13.722	1821	1825	1834	rVB	1592356	2170288	72.26%	4.890%
39	13.951	1858	1864	1867	rBV	418757	669464	22.29%	1.508%
40	13.975	1867	1868	1876	rVB	237752	273361	9.10%	0.616%
41	14.134	1891	1895	1898	rBV6	1942	3060	0.10%	0.007%
42	14.257	1910	1916	1922	rBV	1257987	1843421	61.37%	4.153%
43	14.322	1922	1927	1935	rVV	610796	876525	29.18%	1.975%
44	14.481	1948	1954	1967	rBV	104980	208490	6.94%	0.470%
45	14.663	1981	1985	1992	rBV4	4051	7753	0.26%	0.017%
46	15.257	2080	2086	2091	rVV	578654	794083	26.44%	1.789%
47	15.310	2091	2095	2102	rVV	649844	919213	30.60%	2.071%
48	15.387	2102	2108	2120	rVV	114753	173489	5.78%	0.391%
49	15.498	2124	2127	2129	rVV3	3658	4023	0.13%	0.009%
50	15.563	2133	2138	2144	rBV2	10646	15842	0.53%	0.036%
51	16.210	2242	2248	2254	rBV	218035	294412	9.80%	0.663%
52	16.310	2259	2265	2271	rBV	506734	678381	22.59%	1.528%
53	16.804	2345	2349	2352	rBV4	3692	5169	0.17%	0.012%
54	17.010	2378	2384	2388	rBV	1468973	2162019	71.98%	4.871%
55	17.057	2388	2392	2396	rVV	633858	879192	29.27%	1.981%
56	17.110	2396	2401	2404	rVV	614752	858200	28.57%	1.934%
57	17.145	2404	2407	2418	rVB	630146	865258	28.81%	1.950%
58	17.428	2453	2455	2459	rVB5	3471	4474	0.15%	0.010%
59	17.916	2532	2538	2545	rBV	73693	121736	4.05%	0.274%
60	17.992	2545	2551	2557	rVB	1572573	1930770	64.28%	4.350%
61	18.498	2634	2637	2639	rBV4	2910	3522	0.12%	0.008%
62	18.551	2643	2646	2647	rBV3	3510	4216	0.14%	0.009%
63	18.980	2716	2719	2722	rBV4	8168	8973	0.30%	0.020%
64	19.051	2728	2731	2735	rBV4	7449	11510	0.38%	0.026%
65	19.204	2753	2757	2762	rBV3	54490	81497	2.71%	0.184%
66	19.416	2788	2793	2796	rBV2	750138	1061637	35.35%	2.392%
67	19.445	2796	2798	2808	rVB	497416	586361	19.52%	1.321%
68	20.363	2949	2954	2960	rBV	1520565	1630195	54.27%	3.673%
69	21.169	3086	3091	3097	rBV	1764044	2109874	70.24%	4.754%
70	21.251	3098	3105	3120	rVB2	1782117	2992507	99.63%	6.742%
71	22.263	3271	3277	3285	rVB	1979569	3003614	100.00%	6.767%
72	23.227	3435	3441	3446	rBV	334150	679389	22.62%	1.531%
73	23.292	3446	3452	3462	rVB	395454	852413	28.38%	1.921%
74	23.945	3556	3563	3569	rBV2	440454	1020219	33.97%	2.299%
75	24.145	3589	3597	3608	rVB2	1081990	2696693	89.78%	6.076%
76	27.439	4148	4157	4173	rVB2	306609	1119392	37.27%	2.522%

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Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 44383332

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
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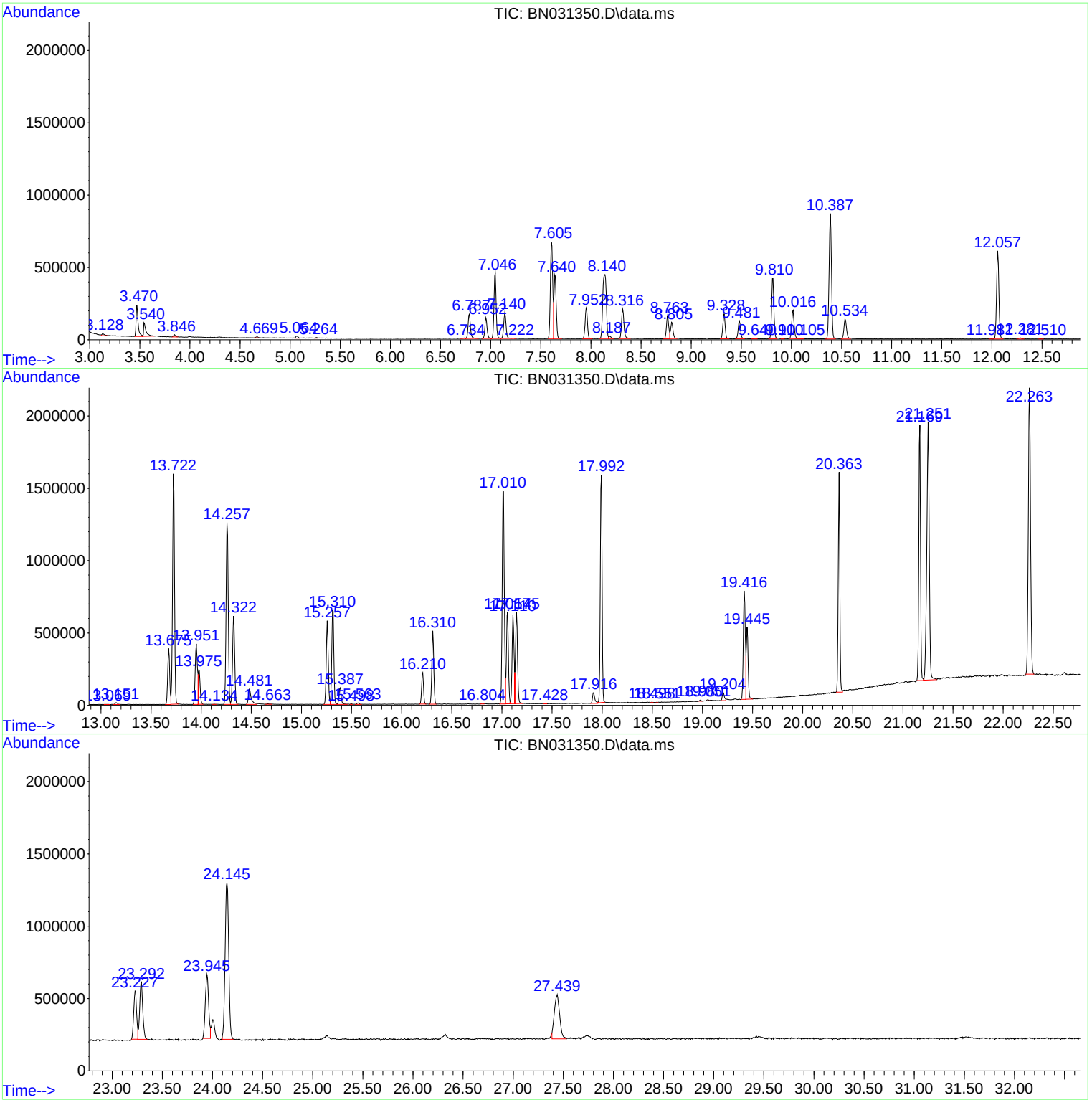
Operator : MA/JU
Sample : P2154-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XA398DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031350.D
Acq On : 01 May 2024 15:09
Operator : MA/JU
Sample : P2154-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XA398DL

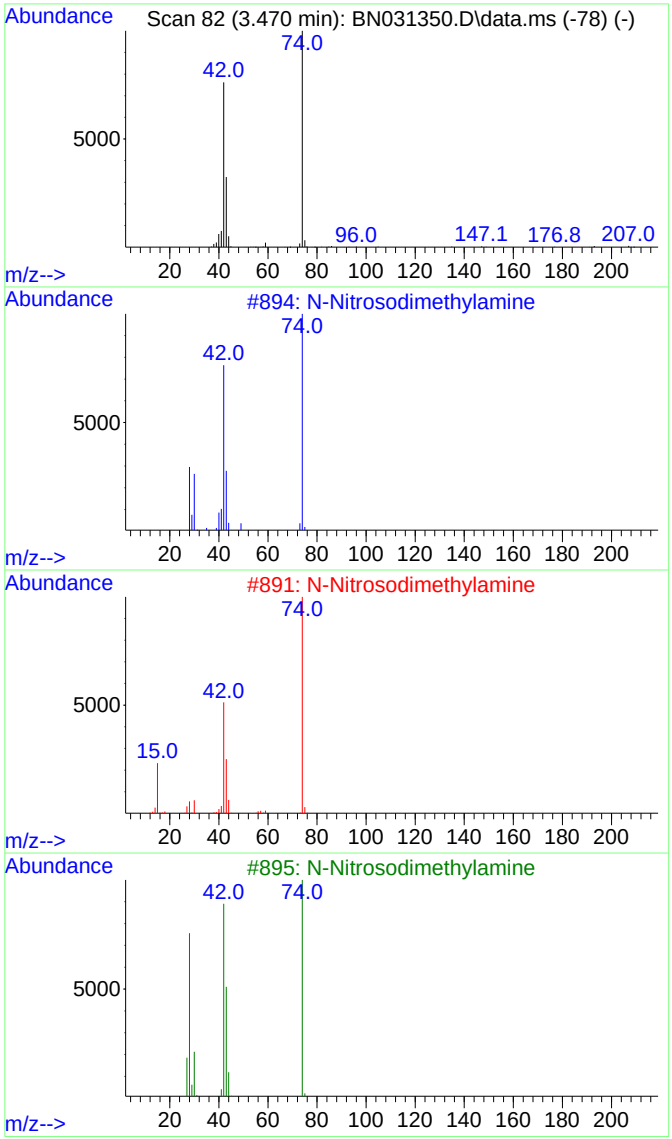
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

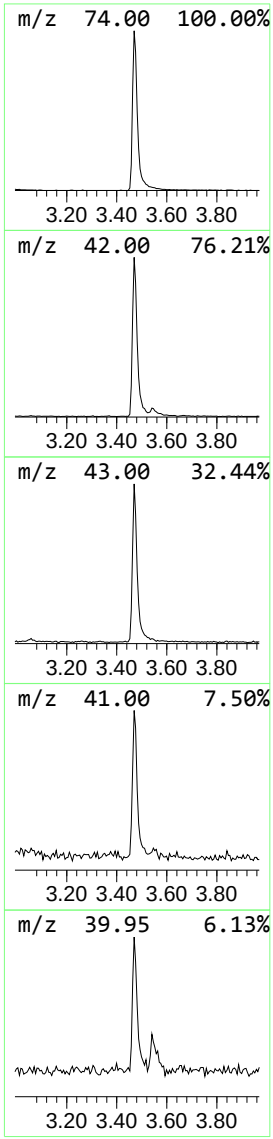
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 N-Nitrosodimethylamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.470	5.40 ng/ul	305359	1,4-Dichlorobenzene-d4	7.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	78
2	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	64
3	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	9
4	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	5
5	Aminoguanidine	74	CH6N4	000079-17-4	4





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Data File : BN031350.D
Acq On : 01 May 2024 15:09
Operator : MA/JU
Sample : P2154-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XA398DL

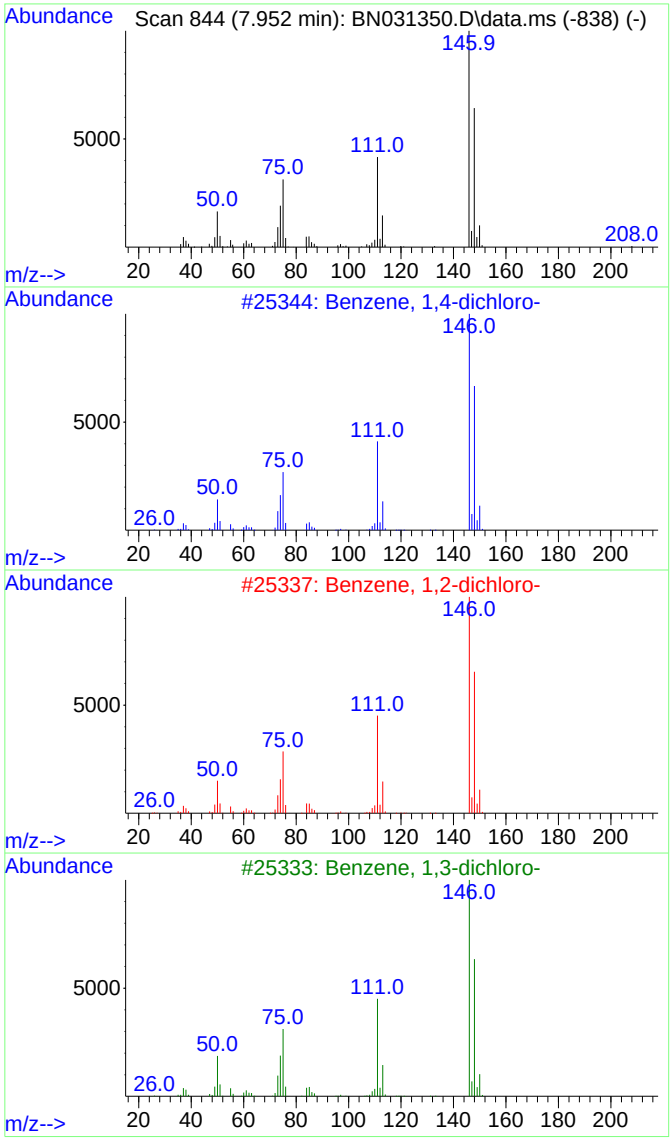
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

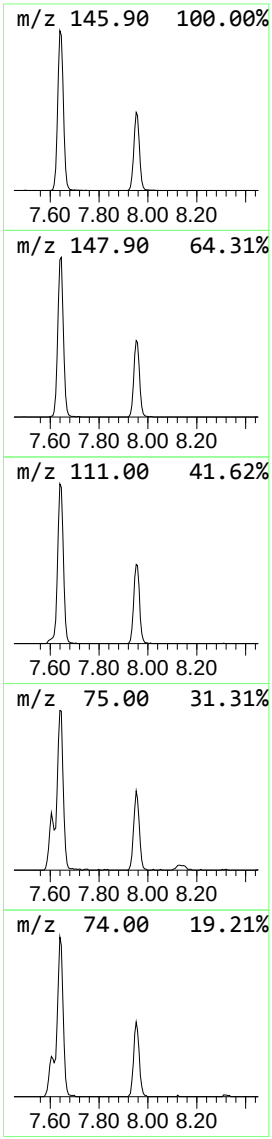
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.952	6.16 ng/ul	348242	1,4-Dichlorobenzene-d4	7.605

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031350.D
Acq On : 01 May 2024 15:09
Operator : MA/JU
Sample : P2154-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XA398DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
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
N-Nitrosodimeth...	3.470	5.4	ng/ul	305359	1	7.605	1131020	20.0
Benzene, 1,4-di...	7.952	6.2	ng/ul	348242	1	7.605	1131020	20.0