LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
Data File : BN012083.D
Acq On : 06 Oct 2020 09:48
Operator : CG/JU
Sample : L4141-01DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0FG1DL

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\SOM-EPA-BN100220.M
Title : SVOA CALIBRATION

Signal : TIC: BN012083.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.911	153	157	162	rVV2	27429	37395	0.77%	0.049%
2	3.952	162	164	167	rVB4	7910	7691	0.16%	0.010%
3	5.011	338	344	354	rVB	425263	623713	12.89%	0.813%
4	5.734	464	467	471	rVV6	5079	8688	0.18%	0.011%
5	5.781	471	475	478	rVV5	5554	8216	0.17%	0.011%
6	6.828	645	653	664	rVB2	165341	306747	6.34%	0.400%
7	6.993	675	681	692	rVV	546928	857344	17.72%	1.118%
8	7.187	707	714	726	rVV	645136	1058412	21.88%	1.380%
9	7.281	728	730	733	rVV4	6488	9333	0.19%	0.012%
10	7.311	733	735	739	rVV4	6941	10387	0.21%	0.014%
11	7.375	742	746	752	rVV6	13207	23784	0.49%	0.031%
12	7.540	767	774	780	rVB	90101	148749	3.08%	0.194%
13	7.652	786	793	797	rBV	1397313	2293225	47.41%	2.990%
14	7.687	797	799	812	rVB	818903	1054944	21.81%	1.375%
15	7.999	843	852	860	rBV	3070248	4837349	100.00%	6.306%
16	8.352	906	912	923	rBV	443403	714496	14.77%	0.931%
17	8.469	926	932	936	rVB4	6233	12295	0.25%	0.016%
18	8.799	981	988	991	rBV	690454	1122048	23.20%	1.463%
19	8.846	991	996	1006	rVB	2262521	3641118	75.27%	4.747%
20	8.981	1016	1019	1024	rVB5	6234	8449	0.17%	0.011%
21	9.134	1041	1045	1049	rVB6	10801	17298	0.36%	0.023%
22	9.234	1058	1062	1063	rBV4	17714	20637	0.43%	0.027%
23	9.452	1092	1099	1103	rBV6	13081	20998	0.43%	0.027%
24	9.516	1103	1110	1121	rBV	582522	1008638	20.85%	1.315%
25	10.052	1194	1201	1208	rBV	858792	1383242	28.60%	1.803%
26	10.110	1208	1211	1218	rVB6	18284	32460	0.67%	0.042%
27	10.204	1223	1227	1229	rBV5	9989	13069	0.27%	0.017%
28	10.293	1234	1242	1252	rBV	1225844	1981936	40.97%	2.584%
29	10.369	1252	1255	1257	rVV3	6906	8454	0.17%	0.011%
30	10.428	1257	1265	1272	rVV	1875134	2990856	61.83%	3.899%
31	10.475	1272	1273	1277	rVB4	9565	7620	0.16%	0.010%
32	10.569	1282	1289	1296	rVB	51102	88583	1.83%	0.115%
33	10.810	1321	1330	1337	rVV	822456	1334581	27.59%	1.740%
34	11.022	1359	1366	1374	rVV	1548943	2519401	52.08%	3.284%
35	11.240	1396	1403	1411	rBV	351138	624366	12.91%	0.814%
36	11.528	1449	1452	1454	rVB4	7492	7577	0.16%	0.010%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4141-01DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0FG1DL

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\SOM-EPA-BN100220.M
Title : SVOA CALIBRATION

37	11.722	1479	1485	1491	rBV2	80408	142356	2.94%	0.186%
38	11.940	1518	1522	1525	rBV4	9105	15212	0.31%	0.020%
39	12.022	1530	1536	1542	rVB5	18992	28036	0.58%	0.037%
40	12.410	1596	1602	1608	rBV3	95345	155943	3.22%	0.203%
41	12.469	1608	1612	1618	rVB6	44011	72306	1.49%	0.094%
42	12.704	1646	1652	1657	rBV7	31930	49261	1.02%	0.064%
43	12.857	1674	1678	1691	rVB4	55440	95808	1.98%	0.125%
44	13.081	1710	1716	1725	rVV	423719	708563	14.65%	0.924%
45	13.193	1729	1735	1739	rVV7	24386	46047	0.95%	0.060%
46	13.240	1739	1743	1748	rVV7	32010	58743	1.21%	0.077%
47	13.298	1748	1753	1761	rVV2	99974	157454	3.25%	0.205%
48	13.357	1761	1763	1768	rVB5	5905	8195	0.17%	0.011%
49	13.704	1811	1822	1827	rBV	2026028	2816085	58.22%	3.671%
50	13.751	1827	1830	1839	rVB	166728	243095	5.03%	0.317%
51	13.922	1855	1859	1863	rBV6	14507	19483	0.40%	0.025%
52	13.981	1863	1869	1877	rVV	1873511	2746284	56.77%	3.580%
53	14.075	1878	1885	1893	rVB9	28299	57308	1.18%	0.075%
54	14.292	1914	1922	1931	rBV2	2814628	4032517	83.36%	5.257%
55	14.492	1951	1956	1968	rBV	124087	223778	4.63%	0.292%
56	14.575	1968	1970	1972	rVV3	12164	12270	0.25%	0.016%
57	14.616	1972	1977	1980	rVB5	15037	23727	0.49%	0.031%
58	14.722	1991	1995	2000	rVB7	7062	12055	0.25%	0.016%
59	14.781	2000	2005	2011	rBV4	53109	76695	1.59%	0.100%
60	14.916	2026	2028	2032	rVB4	7842	10009	0.21%	0.013%
61	15.045	2044	2050	2056	rBV	27087	37222	0.77%	0.049%
62	15.116	2058	2062	2067	rVB6	10137	17096	0.35%	0.022%
63	15.287	2084	2091	2105	rBV	2574010	3627087	74.98%	4.728%
64	15.404	2105	2111	2120	rBV	911343	1268423	26.22%	1.654%
65	15.528	2128	2132	2137	rVB2	34725	49531	1.02%	0.065%
66	15.804	2176	2179	2184	rVB6	5490	7867	0.16%	0.010%
67	15.863	2186	2189	2193	rVB6	18449	24369	0.50%	0.032%
68	16.075	2221	2225	2233	rVB7	34851	52195	1.08%	0.068%
69	16.163	2236	2240	2242	rVV5	8346	12021	0.25%	0.016%
70	16.192	2242	2245	2249	rVB6	8119	12464	0.26%	0.016%
71	16.263	2252	2257	2262	rBV6	39560	65897	1.36%	0.086%
72	16.439	2284	2287	2290	rVB5	21658	22174	0.46%	0.029%
73	16.604	2311	2315	2320	rVB8	26602	43285	0.89%	0.056%
74	16.828	2348	2353	2360	rVB8	16049	32224	0.67%	0.042%
75	17.039	2382	2389	2395	rBV	3321494	4493088	92.88%	5.857%
76	17.139	2400	2406	2415	rBV	2897146	4163740	86.07%	5.428%

LSC Area Percent Report

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Sample : L4141-01DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0FG1DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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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\SOM-EPA-BN100220.M
Title : SVOA CALIBRATION

77	17.239	2418	2423	2426	rBV7	31998	63468	1.31%	0.083%
78	17.281	2426	2430	2437	rVB9	23590	61615	1.27%	0.080%
79	17.375	2443	2446	2449	rBV5	20709	31332	0.65%	0.041%
80	17.404	2449	2451	2453	rBV3	17546	22095	0.46%	0.029%
81	17.528	2470	2472	2473	rBV2	34184	28844	0.60%	0.038%
82	17.616	2485	2487	2488	rBV2	47084	36178	0.75%	0.047%
83	17.939	2538	2542	2548	rBV2	115167	167470	3.46%	0.218%
84	18.010	2551	2554	2570	rVB8	68936	174677	3.61%	0.228%
85	18.116	2570	2572	2576	rBV5	11364	13915	0.29%	0.018%
86	18.381	2614	2617	2618	rVV2	44135	45154	0.93%	0.059%
87	18.416	2618	2623	2631	rVV2	1560536	2054943	42.48%	2.679%
88	18.492	2634	2636	2640	rVV5	24239	29967	0.62%	0.039%
89	18.545	2640	2645	2654	rVB9	73760	120228	2.49%	0.157%
90	18.716	2670	2674	2675	rBV4	33751	41309	0.85%	0.054%
91	18.751	2676	2680	2683	rVV5	93925	129586	2.68%	0.169%
92	18.792	2685	2687	2691	rVB5	26441	29556	0.61%	0.039%
93	18.886	2700	2703	2706	rBV5	14470	17785	0.37%	0.023%
94	19.075	2732	2735	2739	rVB3	31065	42586	0.88%	0.056%
95	19.233	2758	2762	2765	rBV5	39782	57929	1.20%	0.076%
96	19.439	2791	2797	2805	rBV	3490784	4807532	99.38%	6.267%
97	20.963	3053	3056	3062	rBV3	297905	385727	7.97%	0.503%
98	21.245	3098	3104	3109	rBV	3703976	4762105	98.44%	6.208%
99	23.310	3449	3455	3461	rBV	2532140	4467756	92.36%	5.824%
100	23.451	3473	3479	3486	rVB2	2500407	4532561	93.70%	5.909%

Sum of corrected areas: 76708330

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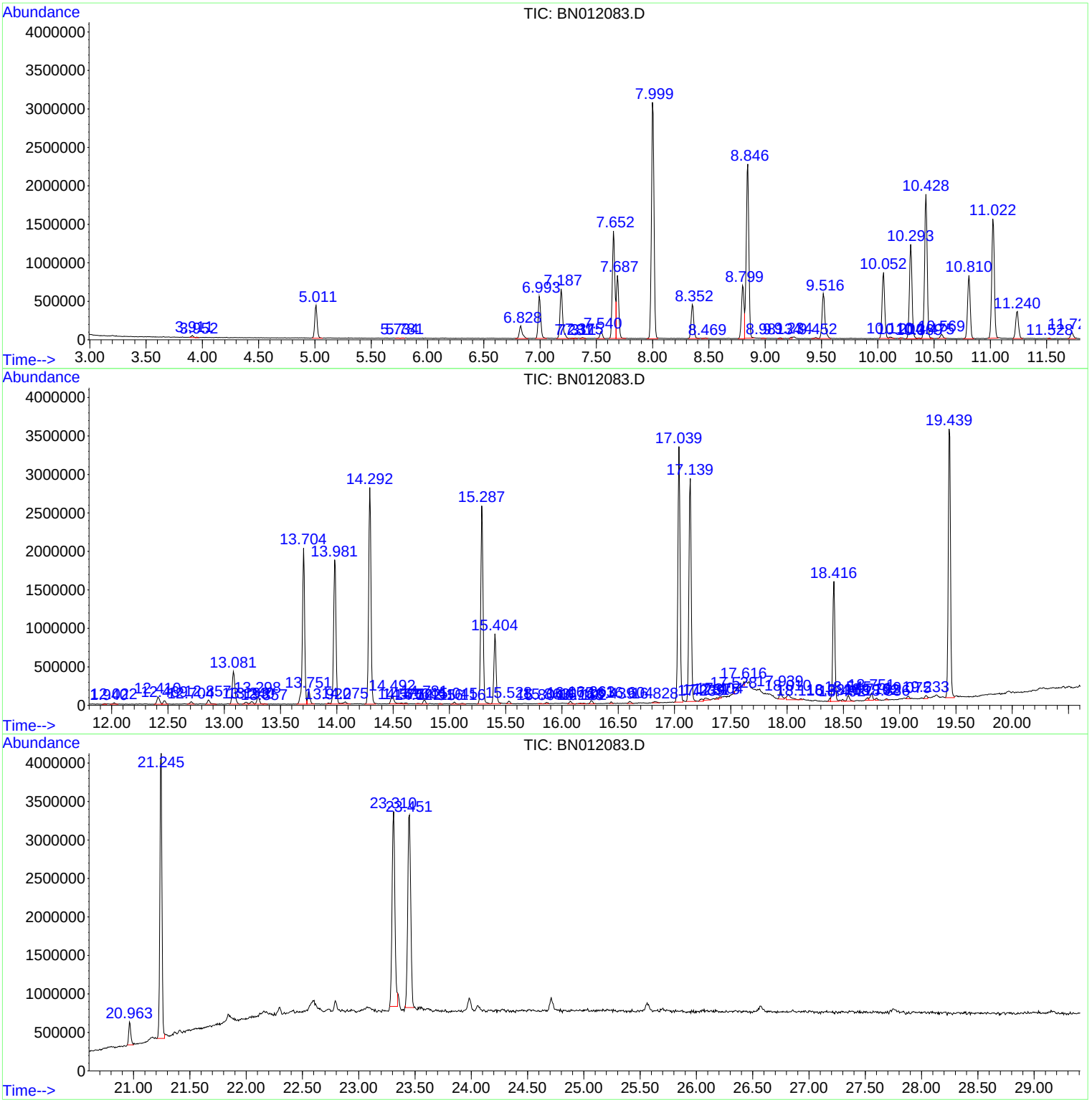
Instrument :
BNA_N
ClientSampleId :
C0FG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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



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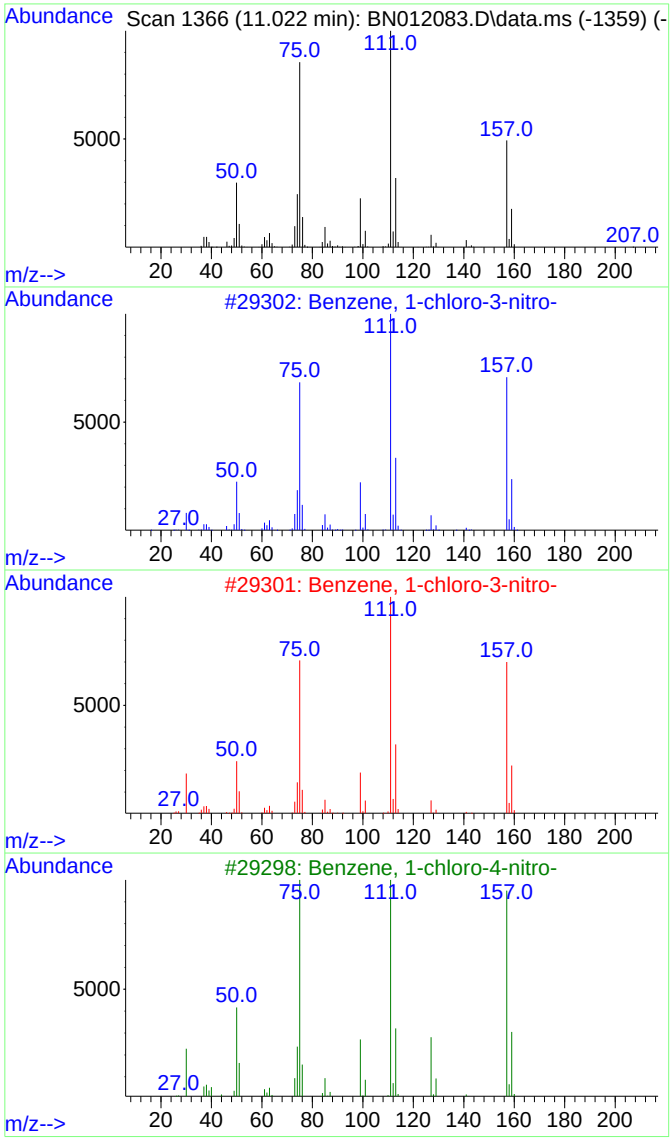
Quant Title : SVOA CALIBRATION

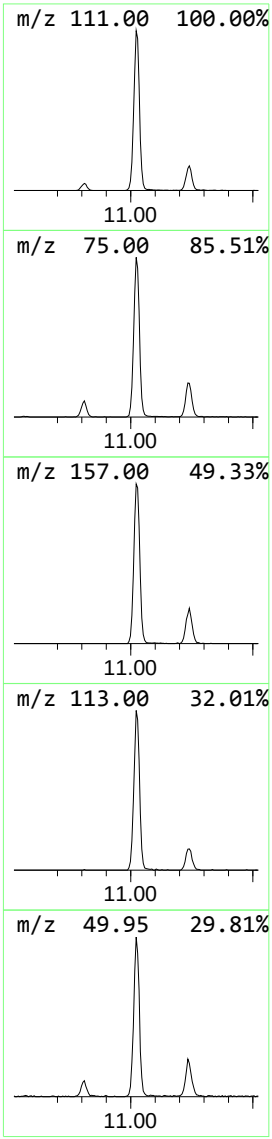
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.020	16.85 ng/ul	2519400	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	83





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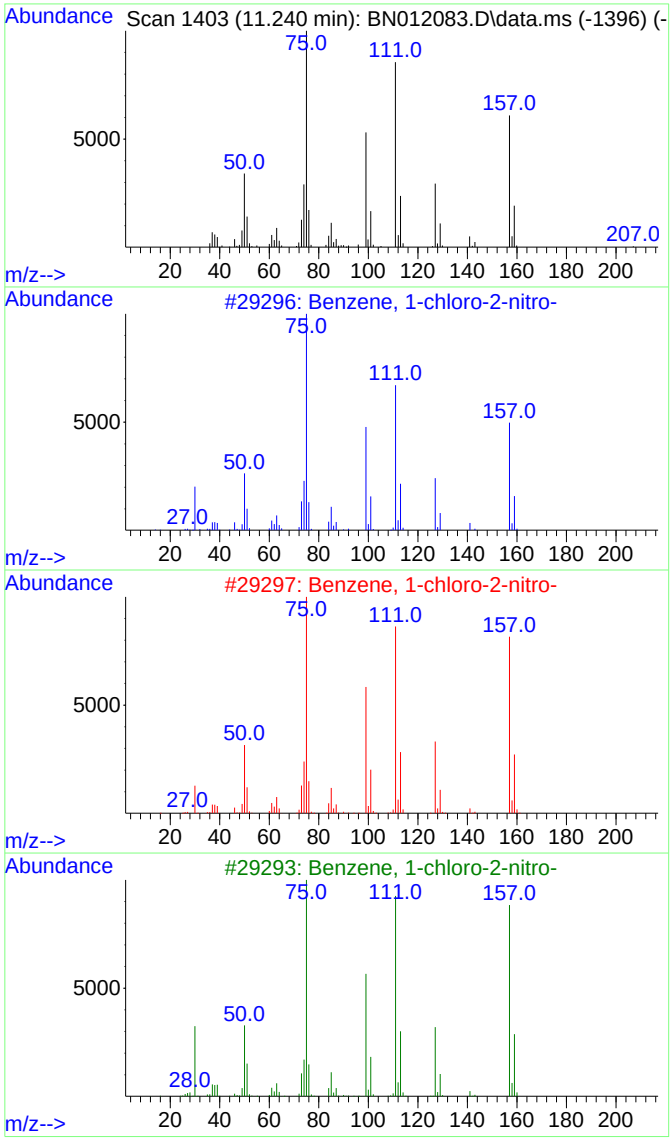
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

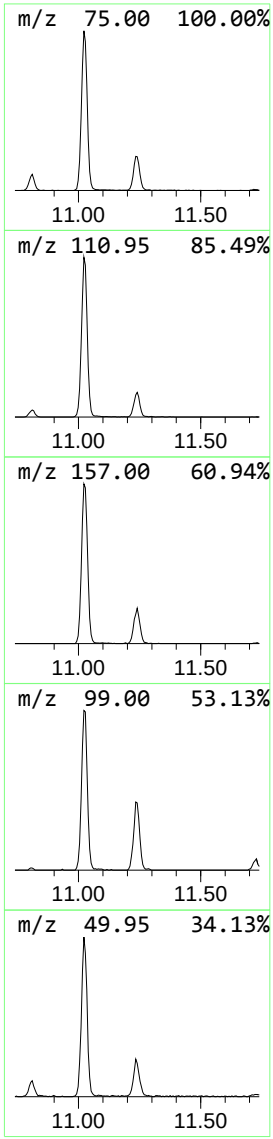
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.240	4.18 ng/ul	624366	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94





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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

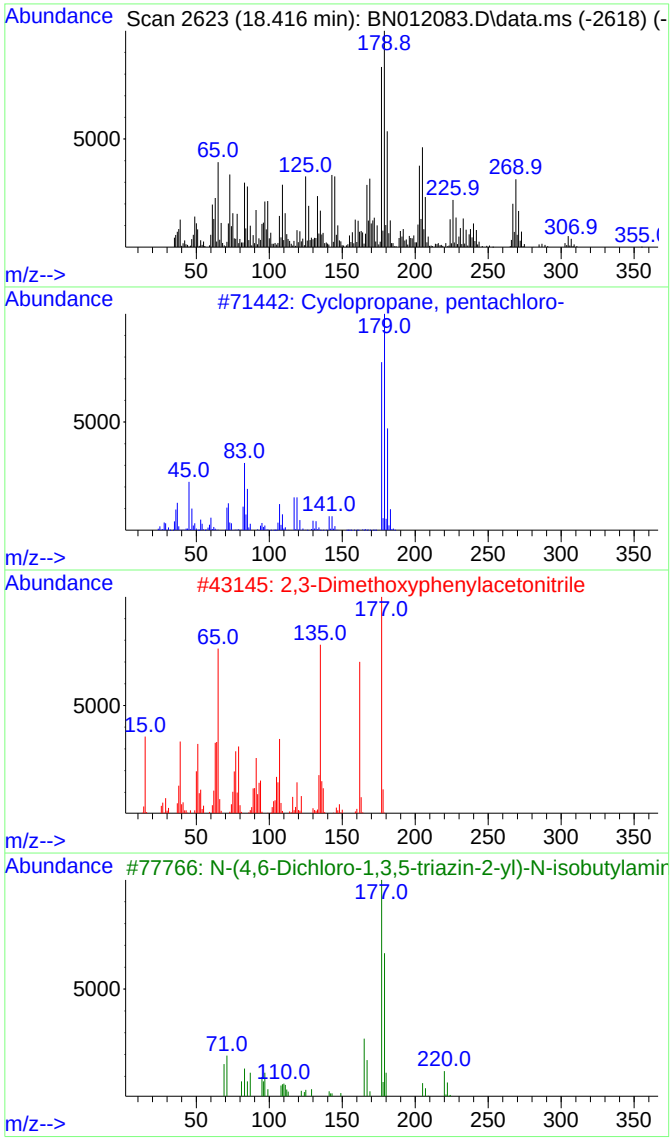
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

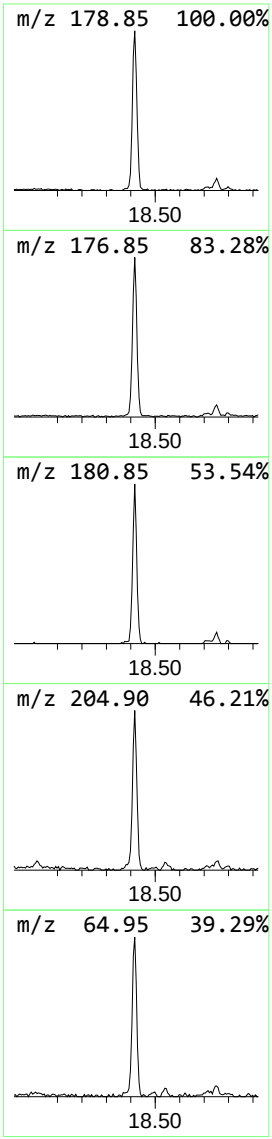
****

Peak Number 7 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.420	9.15 ng/ul	2054940	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	27
2	2,3-Dimethoxyphenylacetonitrile	177	C10H11NO2	004468-57-9	25
3	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	16
4	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	15
5	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chlo...	11.020	16.9	ng/ul	2519400	2	10.428	2990860	20.0
Benzene, 1-chlo...	11.240	4.2	ng/ul	624366	2	10.428	2990860	20.0
unknown-01	18.420	9.2	ng/ul	2054940	4	17.039	4493090	20.0