LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018447.D
Acq On : 07 Jan 2019 16:50
Operator : JU/SJ
Sample : K1048-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0947

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_M\METHODS\SOM-EPA-BM010719MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.257	26	29	42	rVB	74495	113922	1.12%	0.116%
2	5.098	337	342	348	rVB	126623	186158	1.84%	0.190%
3	6.410	563	565	572	rVB5	13284	19020	0.19%	0.019%
4	6.863	638	642	649	rVB4	25338	35402	0.35%	0.036%
5	6.939	649	655	664	rBV	315850	526615	5.20%	0.537%
6	7.104	676	683	691	rBV	1155330	1736784	17.14%	1.770%
7	7.298	710	716	731	rVB	1319547	2115839	20.88%	2.156%
8	7.651	769	776	781	rBV2	64527	103612	1.02%	0.106%
9	7.763	788	795	808	rVB	1327762	2163236	21.35%	2.204%
10	8.116	847	855	865	rVB	1082809	1777640	17.54%	1.811%
11	8.475	910	916	926	rVB	933765	1504454	14.85%	1.533%
12	8.928	986	993	997	rBV	1535506	2569881	25.36%	2.619%
13	8.969	997	1000	1010	rVV	1339505	2099106	20.71%	2.139%
14	9.292	1051	1055	1060	rVV2	28430	43281	0.43%	0.044%
15	9.380	1064	1070	1080	rVB3	31312	59277	0.58%	0.060%
16	9.645	1107	1115	1127	rBV	1257860	2092426	20.65%	2.132%
17	10.186	1198	1207	1218	rBV	1802114	3066454	30.26%	3.125%
18	10.416	1238	1246	1251	rBV	216481	356101	3.51%	0.363%
19	10.480	1256	1257	1262	rVV5	9871	12798	0.13%	0.013%
20	10.557	1262	1270	1277	rVV	1776312	2952070	29.13%	3.008%
21	10.933	1325	1334	1341	rVB	165075	279469	2.76%	0.285%
22	11.163	1366	1373	1380	rVV	526136	899184	8.87%	0.916%
23	11.374	1403	1409	1420	rBV2	179022	329202	3.25%	0.335%
24	11.722	1461	1468	1472	rBV7	7702	14207	0.14%	0.014%
25	11.780	1472	1478	1484	rVV5	9962	17957	0.18%	0.018%
26	11.857	1484	1491	1498	rVB9	18010	35715	0.35%	0.036%
27	12.145	1536	1540	1546	rVB	34671	52612	0.52%	0.054%
28	12.545	1603	1608	1613	rBV2	73060	119914	1.18%	0.122%
29	12.833	1649	1657	1669	rVB4	41460	78718	0.78%	0.080%
30	12.986	1678	1683	1689	rVV7	18740	35228	0.35%	0.036%
31	13.221	1714	1723	1729	rBV4	100161	218359	2.15%	0.223%
32	13.368	1746	1748	1753	rVB4	15665	21128	0.21%	0.022%
33	13.427	1753	1758	1765	rBV2	44635	75668	0.75%	0.077%
34	13.821	1817	1825	1838	rBV	3812385	5261523	51.92%	5.362%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018447.D
Acq On : 07 Jan 2019 16:50
Operator : JU/SJ
Sample : K1048-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0947

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_M\METHODS\SOM-EPA-BM010719MA.M
Title : SVOA CALIBRATION

35	14.039	1858	1862	1866	rBV5	17385	27217	0.27%	0.028%
36	14.104	1866	1873	1881	rBV	4258216	6100188	60.20%	6.216%
37	14.410	1917	1925	1933	rBV2	2638329	4000238	39.47%	4.076%
38	14.651	1959	1966	1981	rBV	219687	473076	4.67%	0.482%
39	14.780	1983	1988	1992	rVB7	7000	12064	0.12%	0.012%
40	14.898	2003	2008	2014	rVB6	13785	19424	0.19%	0.020%
41	15.157	2049	2052	2056	rBV4	9151	14477	0.14%	0.015%
42	15.198	2056	2059	2062	rVV3	15138	21673	0.21%	0.022%
43	15.233	2062	2065	2073	rVB4	9597	16850	0.17%	0.017%
44	15.404	2087	2094	2102	rBV	5445796	7657659	75.56%	7.803%
45	15.521	2107	2114	2126	rVV	1526031	2061519	20.34%	2.101%
46	15.645	2129	2135	2140	rVB	73916	115094	1.14%	0.117%
47	15.986	2190	2193	2198	rVB6	12710	17072	0.17%	0.017%
48	16.121	2212	2216	2221	rBV3	19512	29326	0.29%	0.030%
49	16.186	2224	2227	2231	rBV6	11742	17565	0.17%	0.018%
50	16.362	2253	2257	2260	rBV4	6979	12249	0.12%	0.012%
51	16.556	2287	2290	2294	rBV5	31859	41170	0.41%	0.042%
52	16.939	2352	2355	2359	rBV3	13994	25212	0.25%	0.026%
53	17.156	2386	2392	2399	rBV2	3274172	4780522	47.17%	4.871%
54	17.256	2403	2409	2420	rBV2	5906748	8200599	80.92%	8.357%
55	17.356	2422	2426	2430	rVV6	22058	29263	0.29%	0.030%
56	17.398	2430	2433	2437	rVB5	20049	24305	0.24%	0.025%
57	17.786	2495	2499	2502	rVB6	11674	14193	0.14%	0.014%
58	17.886	2514	2516	2520	rVB4	14778	15534	0.15%	0.016%
59	18.045	2537	2543	2551	rVV5	72901	131156	1.29%	0.134%
60	18.133	2553	2558	2563	rVB7	32209	59118	0.58%	0.060%
61	18.250	2575	2578	2581	rBV5	10364	12605	0.12%	0.013%
62	18.533	2615	2626	2635	rBV	972850	1397123	13.79%	1.424%
63	18.662	2643	2648	2654	rVB9	54263	84066	0.83%	0.086%
64	18.827	2673	2676	2678	rBV4	19856	24996	0.25%	0.025%
65	18.868	2680	2683	2688	rVV5	69302	96554	0.95%	0.098%
66	18.915	2689	2691	2694	rVB4	18327	18895	0.19%	0.019%
67	19.186	2733	2737	2741	rBV	65178	82115	0.81%	0.084%
68	19.268	2749	2751	2755	rBV5	10023	12874	0.13%	0.013%
69	19.327	2758	2761	2769	rBV5	47828	82666	0.82%	0.084%
70	19.445	2774	2781	2784	rVV	59835	92676	0.91%	0.094%
71	19.556	2794	2800	2813	rVB	7251772	9460129	93.35%	9.640%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018447.D
Acq On : 07 Jan 2019 16:50
Operator : JU/SJ
Sample : K1048-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0947

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_M\METHODS\SOM-EPA-BM010719MA.M
Title : SVOA CALIBRATION

72	19.786	2837	2839	2844	rVB5	22945	26603	0.26%	0.027%
73	21.350	3099	3105	3111	rBV	4498182	5684683	56.10%	5.793%
74	22.403	3282	3284	3292	rVB	173968	202036	1.99%	0.206%
75	22.921	3369	3372	3378	rVB	215582	297337	2.93%	0.303%
76	23.485	3461	3468	3482	rVV	5388874	10133935	100.00%	10.327%
77	23.632	3486	3493	3503	rVB	2962687	5533730	54.61%	5.639%

Sum of corrected areas: 98132746

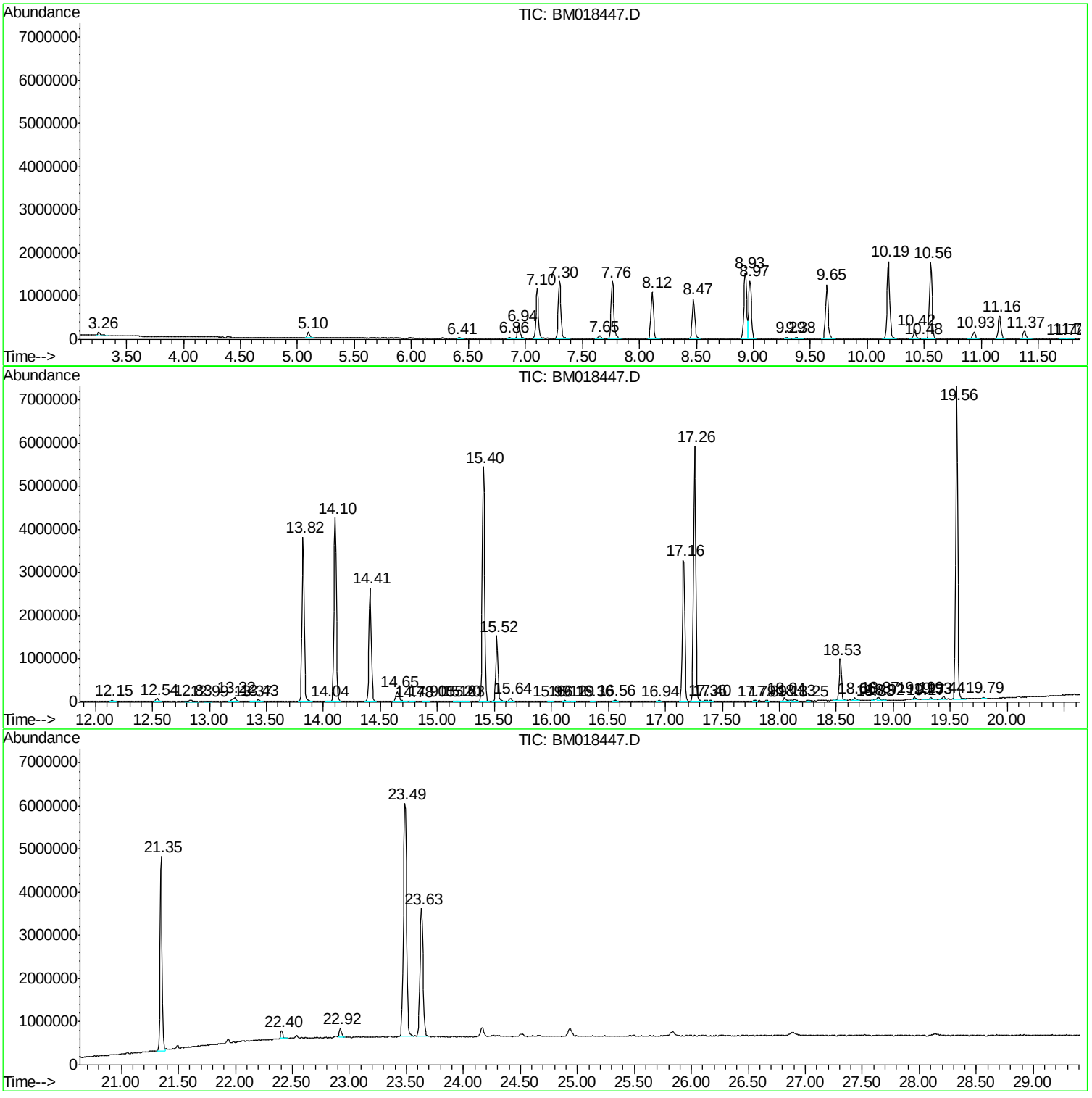
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018447.D
Acq On : 07 Jan 2019 16:50
Operator : JU/SJ
Sample : K1048-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0947

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018447.D
Acq On : 07 Jan 2019 16:50
Operator : JU/SJ
Sample : K1048-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0947

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

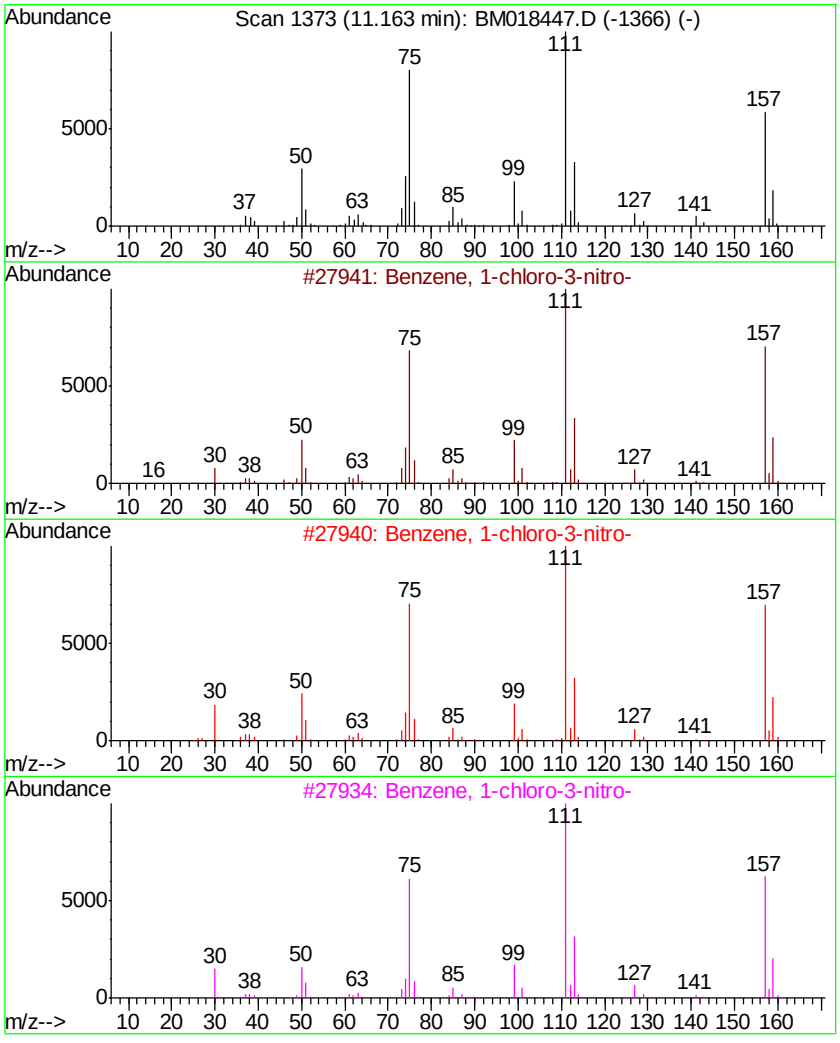
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

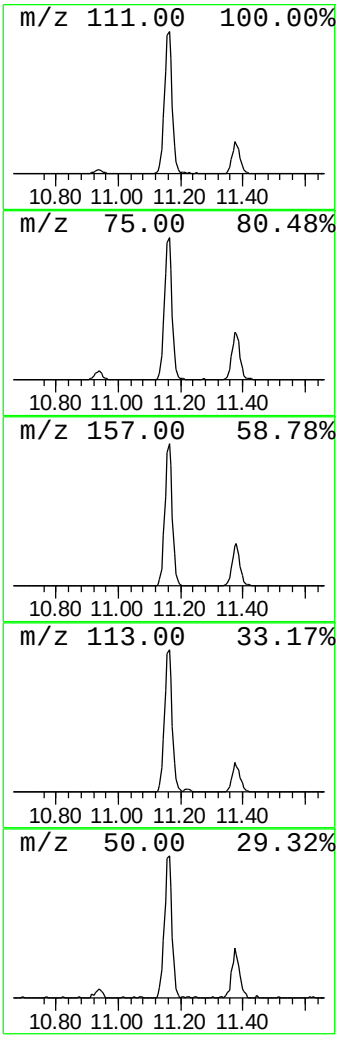
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	6.09 ng/ul	899184	Naphthalene-d8	10.56

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	95
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018447.D
Acq On : 07 Jan 2019 16:50
Operator : JU/SJ
Sample : K1048-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0947

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

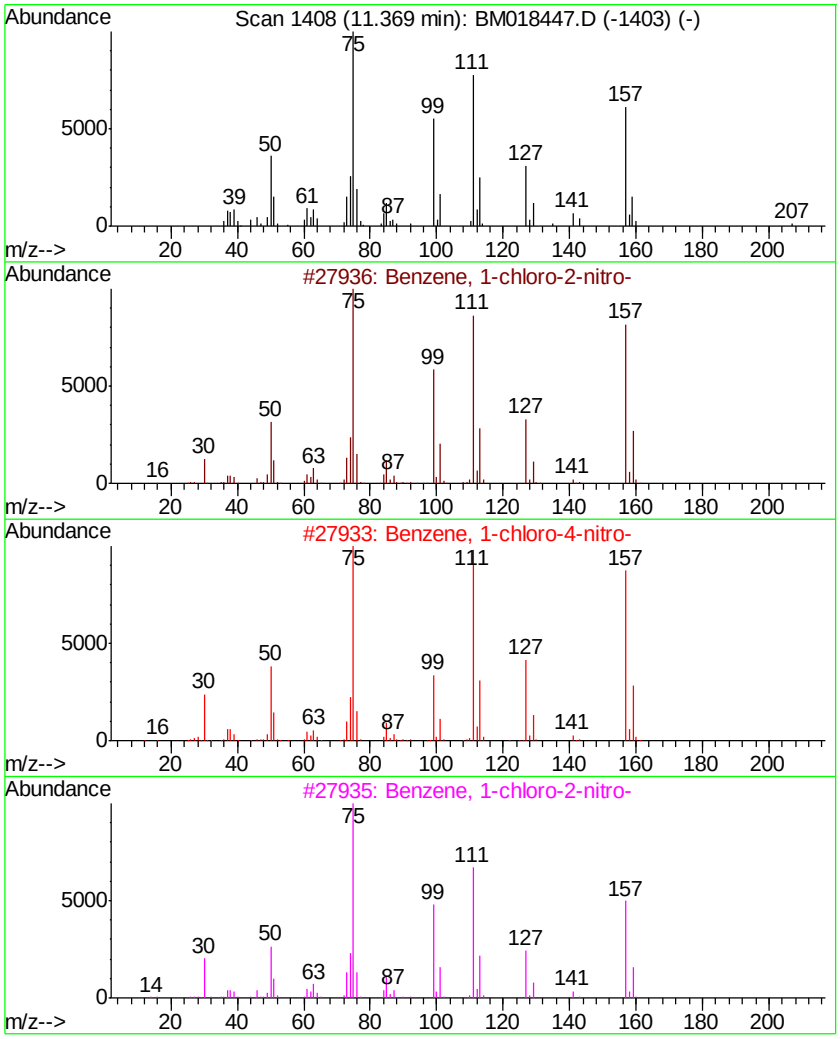
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

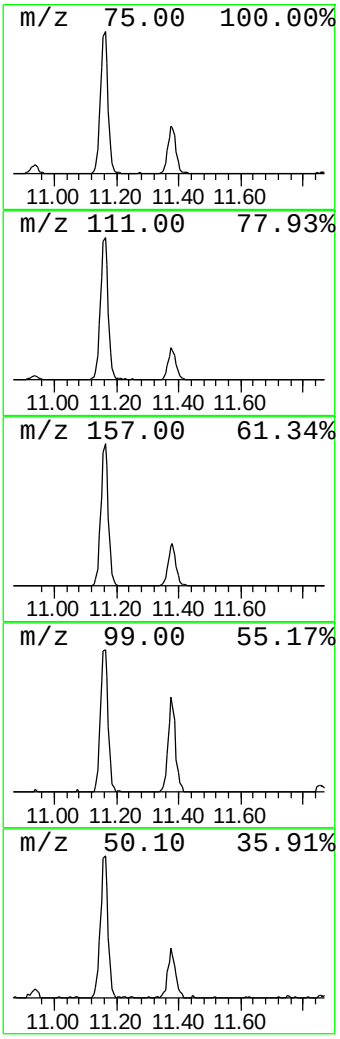
****

Peak Number 4 Benzene, 1-chloro-2-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.23 ng/ul	329202	Naphthalene-d8	10.56

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-4-nitro-	157	C6H4ClNO2	000100-00-5	96
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018447.D
Acq On : 07 Jan 2019 16:50
Operator : JU/SJ
Sample : K1048-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0947

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

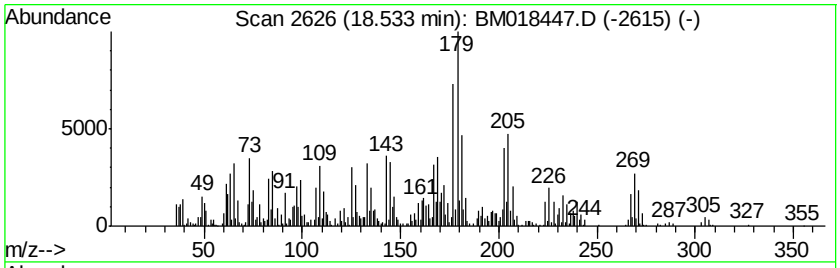
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

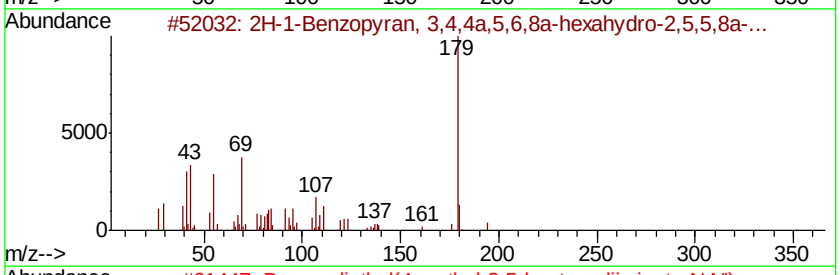
****

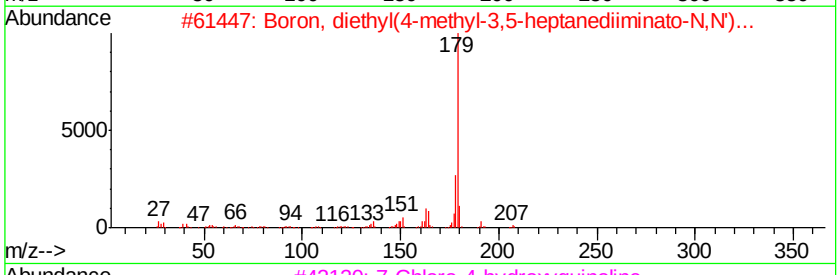
Peak Number 5 2H-1-Benzopyran, 3,4,4a,5,6... Concentration Rank 3

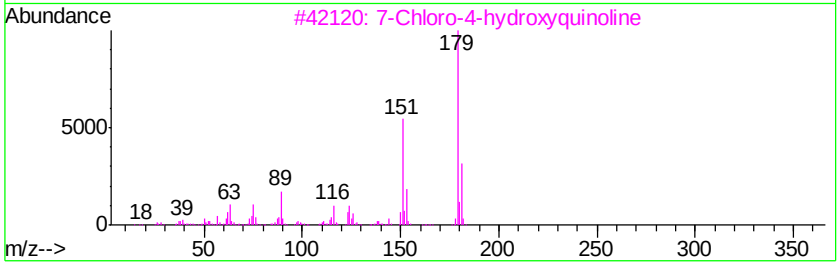
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	5.85 ng/ul	1397120	Phenanthrene-d10	17.16

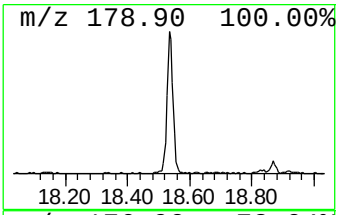
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	53
2	Boron, diethyl(4-methyl-3,5-hept...	208	C12H25BN2	136705-02-7	15
3	7-Chloro-4-hydroxyquinoline	179	C9H6ClNO	000086-99-7	14
4	3,4-Methylenedioxyphenyl isothio...	179	C8H5NO2S	113504-93-1	14
5	Methyl 3-(dichloromethyl)-4,4-di...	250	C6H6Cl4O2	097055-33-9	14

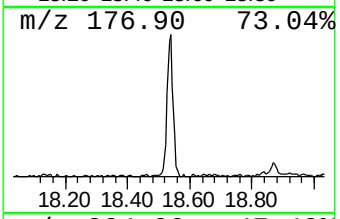


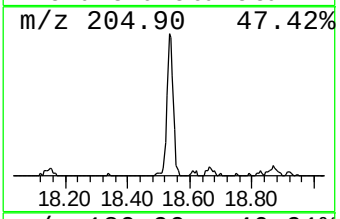


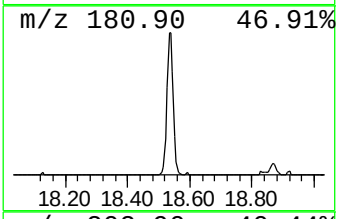


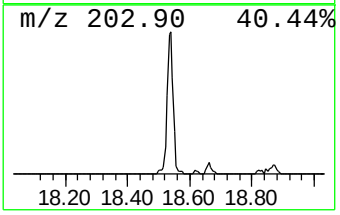












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM010719\
Data File : BM018447.D
Acq On : 07 Jan 2019 16:50
Operator : JU/SJ
Sample : K1048-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0947

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chloro...	11.16	6.1	ng/ul	899184	2	10.56	2952070	20.0
Benzene, 1-chloro...	11.37	2.2	ng/ul	329202	2	10.56	2952070	20.0
2H-1-Benzopyran, ...	18.53	5.8	ng/ul	1397120	4	17.16	4780520	20.0