LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019802.D
Acq On : 08 Apr 2019 19:36
Operator : JU/SJ
Sample : K2269-01DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BR2DL

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-BM032219MA.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	4.904	321	326	335	rBV	62705	95563	4.18%	0.535%
2	6.769	638	643	654	rVB3	8661	21462	0.94%	0.120%
3	6.922	663	669	686	rBV	39233	95109	4.16%	0.532%
4	7.098	694	699	711	rVB	61733	118023	5.16%	0.661%
5	7.445	754	758	765	rVB	14531	24175	1.06%	0.135%
6	7.557	771	777	781	rBV	366759	635477	27.78%	3.557%
7	7.593	781	783	793	rVB	142789	197549	8.64%	1.106%
8	7.898	829	835	853	rBV	660386	1103753	48.25%	6.178%
9	8.298	895	903	917	rBV	34871	86963	3.80%	0.487%
10	8.734	971	977	979	rBV	78403	128392	5.61%	0.719%
11	8.775	979	984	1006	rVB	374208	753254	32.93%	4.216%
12	9.045	1026	1030	1034	rVB3	3732	5004	0.22%	0.028%
13	9.175	1051	1052	1057	rVB3	1931	2339	0.10%	0.013%
14	9.445	1093	1098	1108	rBV2	50770	112645	4.92%	0.631%
15	9.992	1185	1191	1203	rBV	71547	166748	7.29%	0.933%
16	10.198	1220	1226	1235	rBV	240157	413069	18.06%	2.312%
17	10.334	1242	1249	1264	rBV	585247	999799	43.70%	5.596%
18	10.716	1305	1314	1325	rVB	174384	288684	12.62%	1.616%
19	10.963	1349	1356	1378	rBV	267947	603211	26.37%	3.376%
20	11.186	1388	1394	1410	rBV	50344	132549	5.79%	0.742%
21	11.528	1448	1452	1457	rVB3	3164	5010	0.22%	0.028%
22	11.698	1476	1481	1482	rBV2	3743	4761	0.21%	0.027%
23	11.963	1521	1526	1527	rVB4	1911	2348	0.10%	0.013%
24	12.398	1593	1600	1605	rBV2	15393	29385	1.28%	0.164%
25	12.827	1669	1673	1679	rBV5	5624	10087	0.44%	0.056%
26	13.010	1698	1704	1709	rBV	79300	126224	5.52%	0.707%
27	13.204	1732	1737	1741	rBV3	5162	7158	0.31%	0.040%
28	13.251	1741	1745	1749	rVB	3256	3546	0.16%	0.020%
29	13.316	1753	1756	1757	rBV2	2841	3021	0.13%	0.017%
30	13.645	1807	1812	1824	rBV	226607	355744	15.55%	1.991%
31	13.774	1828	1834	1835	rVB5	2649	3971	0.17%	0.022%
32	13.910	1851	1857	1869	rBV	264808	404037	17.66%	2.262%
33	14.222	1903	1910	1923	rBV2	953102	1463376	63.97%	8.191%
34	14.421	1940	1944	1948	rBV3	1283	2362	0.10%	0.013%

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Instrument : BNA_M
ClientSampleId : C0BR2DL

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-BM032219MA.M
Title : SVOA CALIBRATION

35	14.739	1995	1998	2001	rVB3	3259	4632	0.20%	0.026%
36	14.880	2020	2022	2029	rVB2	1526	2514	0.11%	0.014%
37	14.998	2037	2042	2045	rBV2	1699	2786	0.12%	0.016%
38	15.221	2074	2080	2095	rBV	348213	557925	24.39%	3.123%
39	15.392	2104	2109	2119	rBV	46453	94484	4.13%	0.529%
40	15.474	2119	2123	2127	rVB4	3569	5153	0.23%	0.029%
41	16.227	2248	2251	2256	rVB2	7726	8752	0.38%	0.049%
42	16.574	2306	2310	2315	rVB2	3637	4236	0.19%	0.024%
43	16.657	2320	2324	2327	rBV4	2656	3102	0.14%	0.017%
44	16.768	2340	2343	2347	rBV	4027	5843	0.26%	0.033%
45	16.874	2358	2361	2365	rBV3	1384	2444	0.11%	0.014%
46	16.980	2373	2379	2390	rBV	1286501	1776846	77.67%	9.946%
47	17.080	2390	2396	2409	rVB	421109	641763	28.05%	3.592%
48	17.227	2419	2421	2424	rVB3	3697	2997	0.13%	0.017%
49	17.386	2443	2448	2452	rVB4	2633	4431	0.19%	0.025%
50	17.639	2488	2491	2495	rBV3	1852	2416	0.11%	0.014%
51	17.874	2527	2531	2539	rBV4	8415	13952	0.61%	0.078%
52	17.945	2539	2543	2547	rBV5	9421	12143	0.53%	0.068%
53	18.362	2605	2614	2619	rBV	262157	336592	14.71%	1.884%
54	18.492	2632	2636	2642	rVB4	9058	13876	0.61%	0.078%
55	18.951	2711	2714	2717	rBV4	2308	3056	0.13%	0.017%
56	19.015	2723	2725	2726	rBV2	5391	5234	0.23%	0.029%
57	19.168	2747	2751	2755	rBV5	18257	29166	1.27%	0.163%
58	19.280	2768	2770	2772	rBV	2788	2336	0.10%	0.013%
59	19.351	2780	2782	2783	rBV2	3924	3224	0.14%	0.018%
60	19.392	2783	2789	2798	rVV	580802	830020	36.28%	4.646%
61	19.456	2798	2800	2804	rVB5	7558	10735	0.47%	0.060%
62	19.545	2813	2815	2816	rBV2	4268	3509	0.15%	0.020%
63	19.751	2848	2850	2851	rBV2	7546	5846	0.26%	0.033%
64	21.192	3090	3095	3110	rBV	1664598	2287708	100.00%	12.805%
65	23.256	3439	3446	3455	rVB2	424801	863054	37.73%	4.831%
66	23.397	3463	3470	3477	rBV	979846	1920141	83.93%	10.748%

Sum of corrected areas: 17865714

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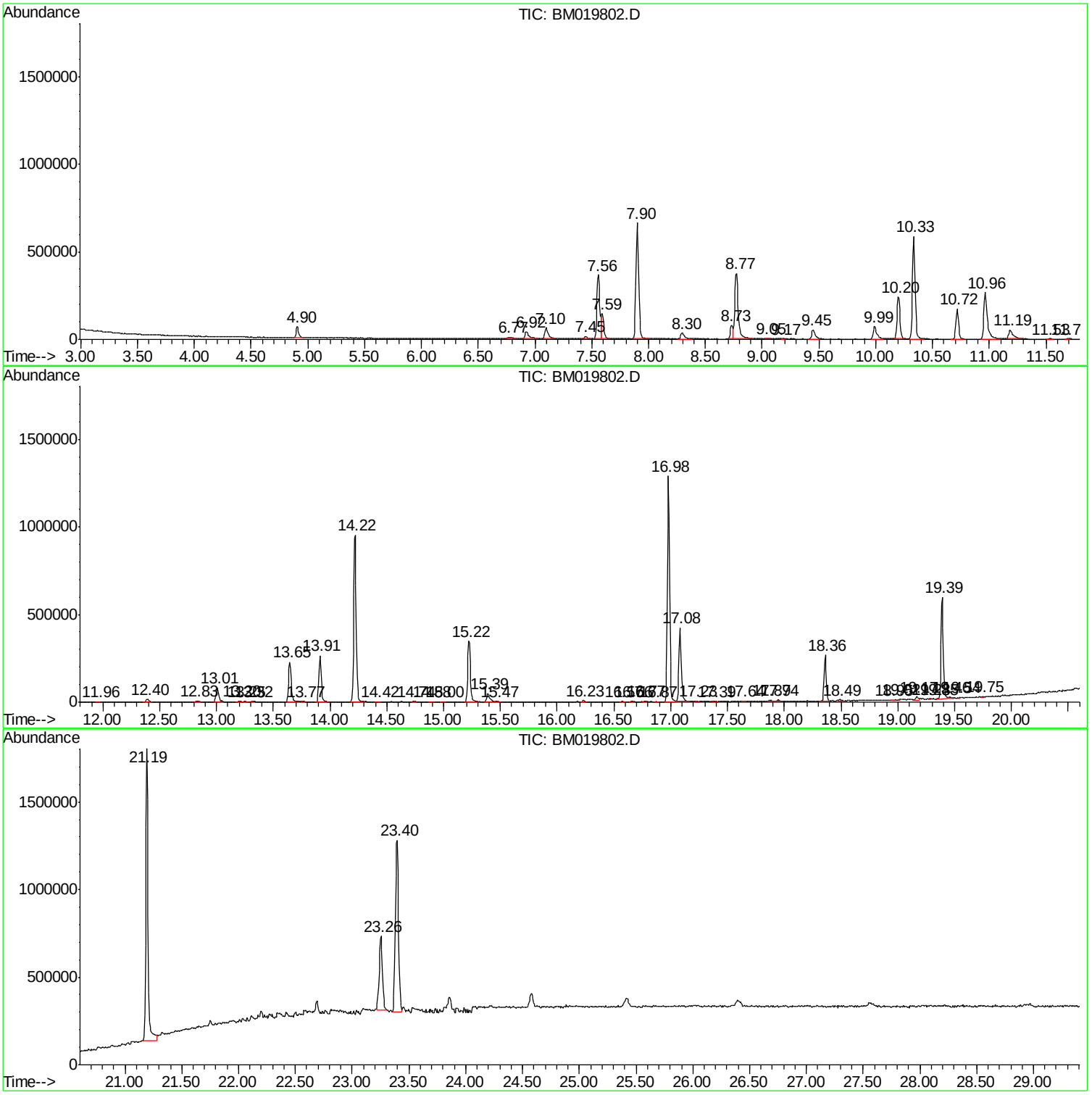
Instrument :
BNA_M
ClientSampleId :
C0BR2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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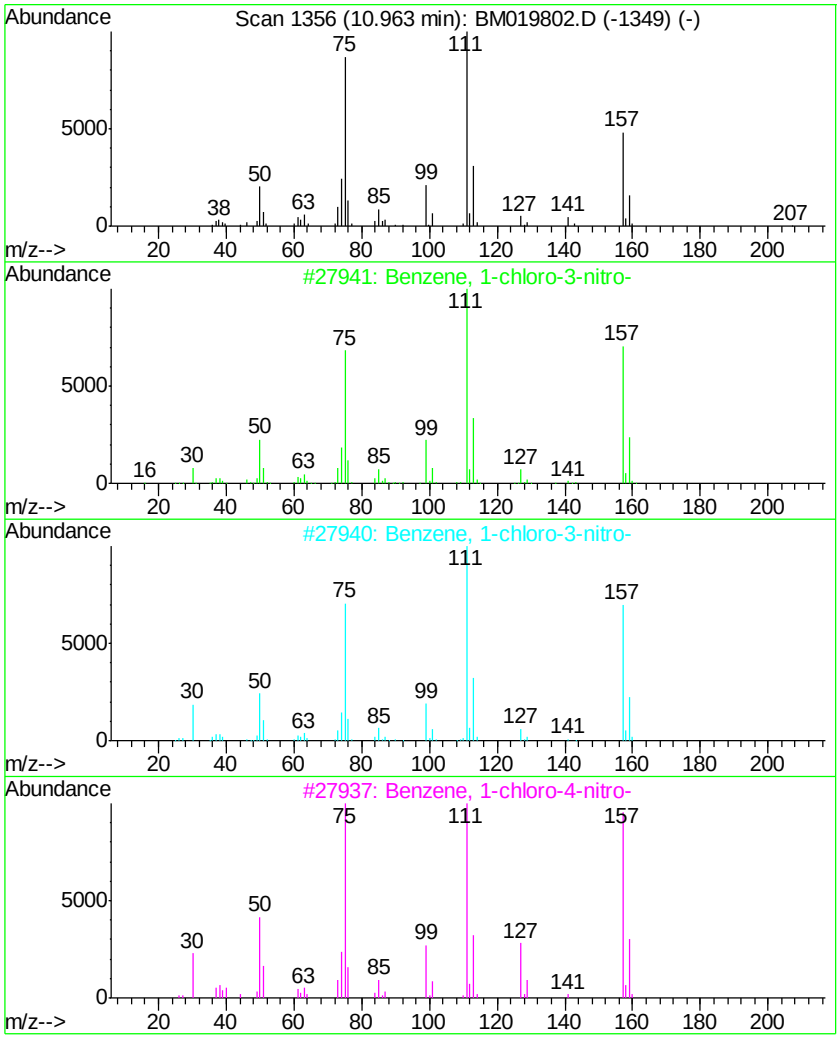
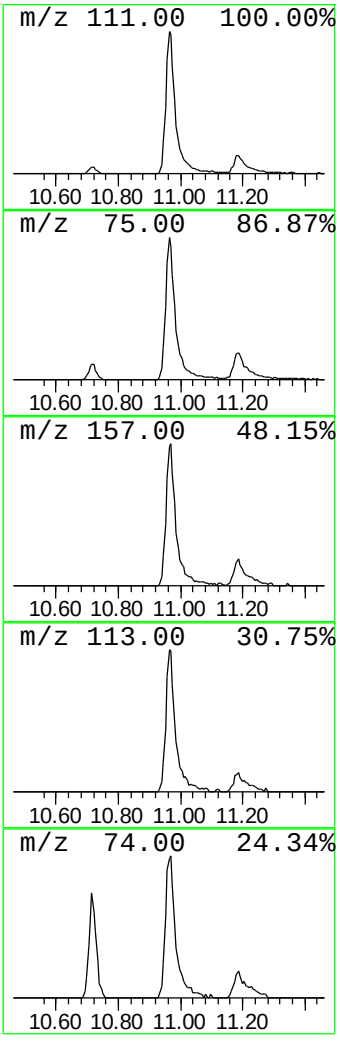
Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	12.07 ng/ul	603211	Naphthalene-d8	10.33

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	87





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Instrument : BNA_M
ClientSampleId : C0BR2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

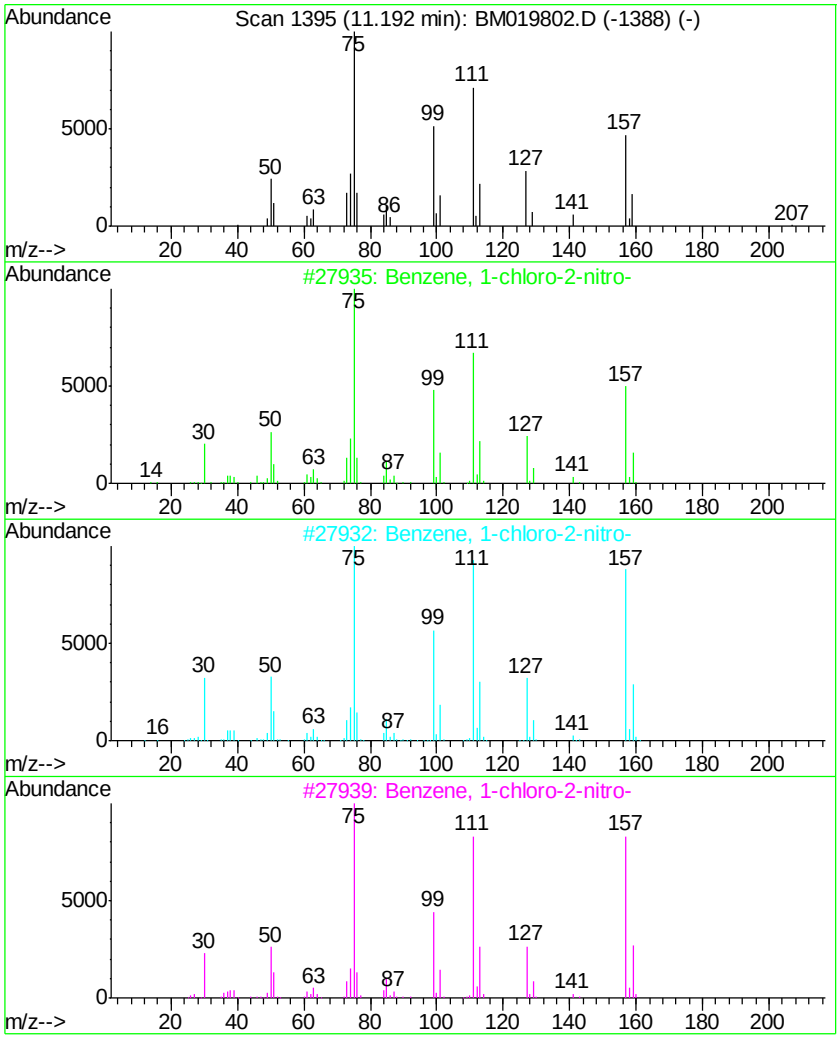
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

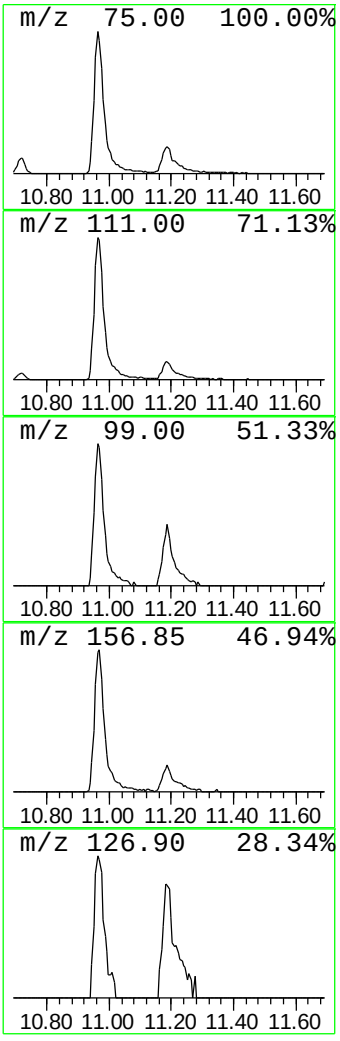
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.65 ng/ul	132549	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BR2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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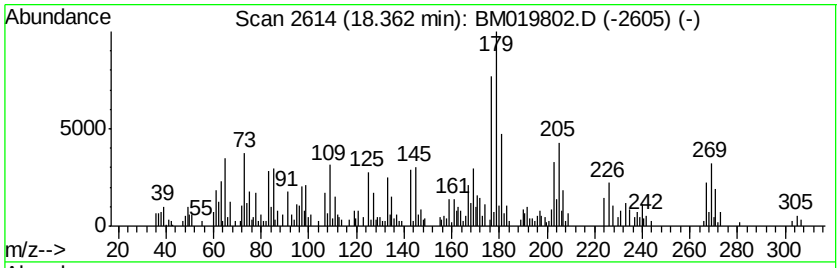
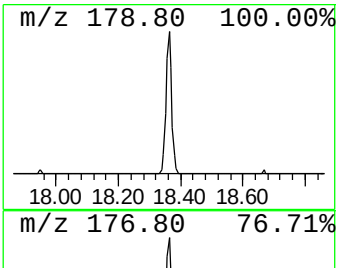
Peak Number 7 2H-1-Benzopyran, 3,4,4a,5,6... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.79 ng/ul	336592	Phenanthrene-d10	16.98

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	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
3	5-Chloro-4-methyl-8-quinolinecar...	205	C11H8ClNO	028662-47-7	27
4	Cloxyquin	179	C9H6ClNO	000130-16-5	25
5	2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	25





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chloro...	10.96	12.1	ng/ul	603211	2	10.33	999799	20.0
Benzene, 1-chloro...	11.19	2.6	ng/ul	132549	2	10.33	999799	20.0
2H-1-Benzopyran, ...	18.36	3.8	ng/ul	336592	4	16.98	1776850	20.0