

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
 Data File : BM026149.D
 Acq On : 27 May 2020 17:23
 Operator : MA/SJ
 Sample : L2737-11DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B21DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM051320MA.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	4.852	330	334	340	rBV2	16498	24112	0.53%	0.071%
2	6.475	602	610	618	rBV	428214	658241	14.45%	1.945%
3	6.681	638	645	650	rBV	23962	43109	0.95%	0.127%
4	6.834	667	671	678	rBV	63676	104993	2.31%	0.310%
5	7.028	696	704	713	rVB	73705	124709	2.74%	0.368%
6	7.481	772	781	792	rBV	647876	1009055	22.15%	2.982%
7	7.569	792	796	799	rVV3	15044	24726	0.54%	0.073%
8	7.851	835	844	850	rBV2	140601	257064	5.64%	0.760%
9	8.204	898	904	912	rVB	54869	91911	2.02%	0.272%
10	8.628	971	976	987	rVB2	78604	180580	3.96%	0.534%
11	8.828	1003	1010	1015	rBV2	22387	35159	0.77%	0.104%
12	8.951	1026	1031	1037	rVV7	11360	27752	0.61%	0.082%
13	9.345	1092	1098	1104	rBV2	55048	92701	2.04%	0.274%
14	9.510	1121	1126	1130	rBV	18129	27852	0.61%	0.082%
15	9.657	1140	1151	1160	rBV3	65475	127334	2.80%	0.376%
16	9.881	1182	1189	1198	rBV	88087	160489	3.52%	0.474%
17	10.245	1243	1251	1255	rBV	860558	1380106	30.30%	4.078%
18	10.292	1255	1259	1268	rVV	493404	789977	17.34%	2.334%
19	10.410	1274	1279	1291	rVB	71137	132912	2.92%	0.393%
20	11.351	1433	1439	1445	rBV5	21579	44655	0.98%	0.132%
21	11.657	1481	1491	1497	rVB6	29083	74877	1.64%	0.221%
22	11.804	1510	1516	1526	rVB	49988	85729	1.88%	0.253%
23	11.916	1526	1535	1540	rBV3	19734	36159	0.79%	0.107%
24	12.139	1562	1573	1582	rBV	698165	1154596	25.35%	3.412%
25	12.957	1708	1712	1723	rVB3	23530	44969	0.99%	0.133%
26	13.151	1738	1745	1748	rBV2	53408	92968	2.04%	0.275%
27	13.286	1757	1768	1770	rBV4	58949	107026	2.35%	0.316%
28	13.451	1789	1796	1801	rVV	155004	274675	6.03%	0.812%
29	13.504	1801	1805	1807	rVV	37316	54492	1.20%	0.161%
30	13.551	1807	1813	1818	rVV	181410	275280	6.04%	0.813%
31	13.598	1818	1821	1824	rVV	26157	35268	0.77%	0.104%
32	13.686	1830	1836	1839	rBV	76564	122193	2.68%	0.361%
33	13.716	1839	1841	1851	rVB	37759	47507	1.04%	0.140%
34	13.816	1851	1858	1861	rBV	188132	281966	6.19%	0.833%

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35	13.851	1861	1864	1871	rVB2	79194	113853	2.50%	0.336%
36	14.127	1900	1911	1916	rBV	1219575	1737158	38.14%	5.133%
37	14.192	1916	1922	1931	rVV	3296132	4554534	100.00%	13.458%
38	14.263	1931	1934	1938	rVV	24023	34917	0.77%	0.103%
39	14.369	1947	1952	1958	rVV6	15826	36081	0.79%	0.107%
40	14.445	1958	1965	1970	rVV	55768	85955	1.89%	0.254%
41	14.533	1970	1980	1989	rVV	1482941	2158102	47.38%	6.377%
42	14.616	1989	1994	2001	rVB8	13780	26821	0.59%	0.079%
43	14.751	2010	2017	2023	rBV5	14905	33722	0.74%	0.100%
44	14.963	2050	2053	2058	rVV5	17492	30335	0.67%	0.090%
45	15.127	2076	2081	2085	rVV	282448	383007	8.41%	1.132%
46	15.180	2085	2090	2099	rVV	1292773	1863223	40.91%	5.505%
47	15.263	2099	2104	2109	rVV2	51215	116756	2.56%	0.345%
48	15.310	2109	2112	2115	rVV3	61550	100725	2.21%	0.298%
49	15.345	2115	2118	2123	rVV	100099	157019	3.45%	0.464%
50	15.392	2123	2126	2130	rVV5	27505	56367	1.24%	0.167%
51	15.433	2130	2133	2137	rVV	43169	65418	1.44%	0.193%
52	15.486	2137	2142	2148	rVV2	73906	119339	2.62%	0.353%
53	15.574	2152	2157	2161	rVV3	21441	39410	0.87%	0.116%
54	15.627	2161	2166	2175	rVB2	101804	202688	4.45%	0.599%
55	15.721	2175	2182	2187	rBV4	15344	22719	0.50%	0.067%
56	15.857	2200	2205	2215	rVB2	78493	124182	2.73%	0.367%
57	15.980	2220	2226	2233	rBV	82019	116716	2.56%	0.345%
58	16.051	2233	2238	2244	rBV8	18094	31345	0.69%	0.093%
59	16.151	2249	2255	2259	rBV5	24599	56178	1.23%	0.166%
60	16.192	2259	2262	2267	rVV2	27123	37151	0.82%	0.110%
61	16.339	2281	2287	2291	rBV3	15371	22826	0.50%	0.067%
62	16.504	2311	2315	2319	rBV6	11979	21871	0.48%	0.065%
63	16.633	2329	2337	2339	rBV7	16789	31432	0.69%	0.093%
64	16.692	2339	2347	2355	rVB2	129679	240441	5.28%	0.710%
65	16.798	2361	2365	2369	rBV3	20731	32798	0.72%	0.097%
66	16.874	2371	2378	2382	rVV	1422877	2053034	45.08%	6.066%
67	16.916	2382	2385	2391	rVV	980993	1354558	29.74%	4.002%
68	16.974	2391	2395	2399	rVV2	295723	424607	9.32%	1.255%
69	17.010	2399	2401	2408	rVV	68109	96021	2.11%	0.284%
70	17.080	2408	2413	2423	rVB8	20875	45471	1.00%	0.134%
71	17.280	2437	2447	2455	rBV	808850	1147548	25.20%	3.391%

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72	17.392	2460	2466	2471	rBV6	24557	54670	1.20%	0.162%
73	17.445	2471	2475	2481	rVV3	29435	47711	1.05%	0.141%
74	17.515	2482	2487	2488	rVV4	16010	21657	0.48%	0.064%
75	17.539	2488	2491	2496	rVV4	26157	42113	0.92%	0.124%
76	17.633	2503	2507	2512	rVB7	15341	27201	0.60%	0.080%
77	17.721	2517	2522	2525	rVV	29571	40835	0.90%	0.121%
78	17.798	2531	2535	2542	rVV2	114283	173767	3.82%	0.513%
79	17.874	2544	2548	2553	rVV2	50005	78232	1.72%	0.231%
80	17.945	2553	2560	2571	rVV2	83691	150523	3.30%	0.445%
81	18.057	2571	2579	2583	rVV3	47913	95309	2.09%	0.282%
82	18.104	2583	2587	2591	rVV	79178	112229	2.46%	0.332%
83	18.139	2591	2593	2597	rVV5	15903	26723	0.59%	0.079%
84	18.198	2597	2603	2609	rVV3	60963	114501	2.51%	0.338%
85	18.262	2609	2614	2617	rVV	23060	35087	0.77%	0.104%
86	18.298	2617	2620	2625	rVV5	14089	25198	0.55%	0.074%
87	18.357	2625	2630	2634	rVB8	13900	24011	0.53%	0.071%
88	18.545	2658	2662	2666	rVB6	18795	25206	0.55%	0.074%
89	18.592	2666	2670	2674	rBV5	16188	20504	0.45%	0.061%
90	18.939	2725	2729	2736	rVB	152578	197758	4.34%	0.584%
91	19.009	2738	2741	2745	rBV5	18337	23748	0.52%	0.070%
92	19.157	2762	2766	2771	rBV4	30458	45288	0.99%	0.134%
93	19.274	2780	2786	2790	rBV	385450	536764	11.79%	1.586%
94	19.339	2793	2797	2804	rVB	426733	513588	11.28%	1.518%
95	19.686	2852	2856	2863	rBV	98581	144953	3.18%	0.428%
96	19.751	2863	2867	2872	rVV	41986	66405	1.46%	0.196%
97	19.856	2882	2885	2890	rBV7	17026	24436	0.54%	0.072%
98	21.074	3087	3092	3098	rBV	2096687	2471833	54.27%	7.304%
99	23.056	3425	3429	3435	rVB	282196	441513	9.69%	1.305%
100	23.192	3446	3452	3461	rVB	1397926	2462341	54.06%	7.276%

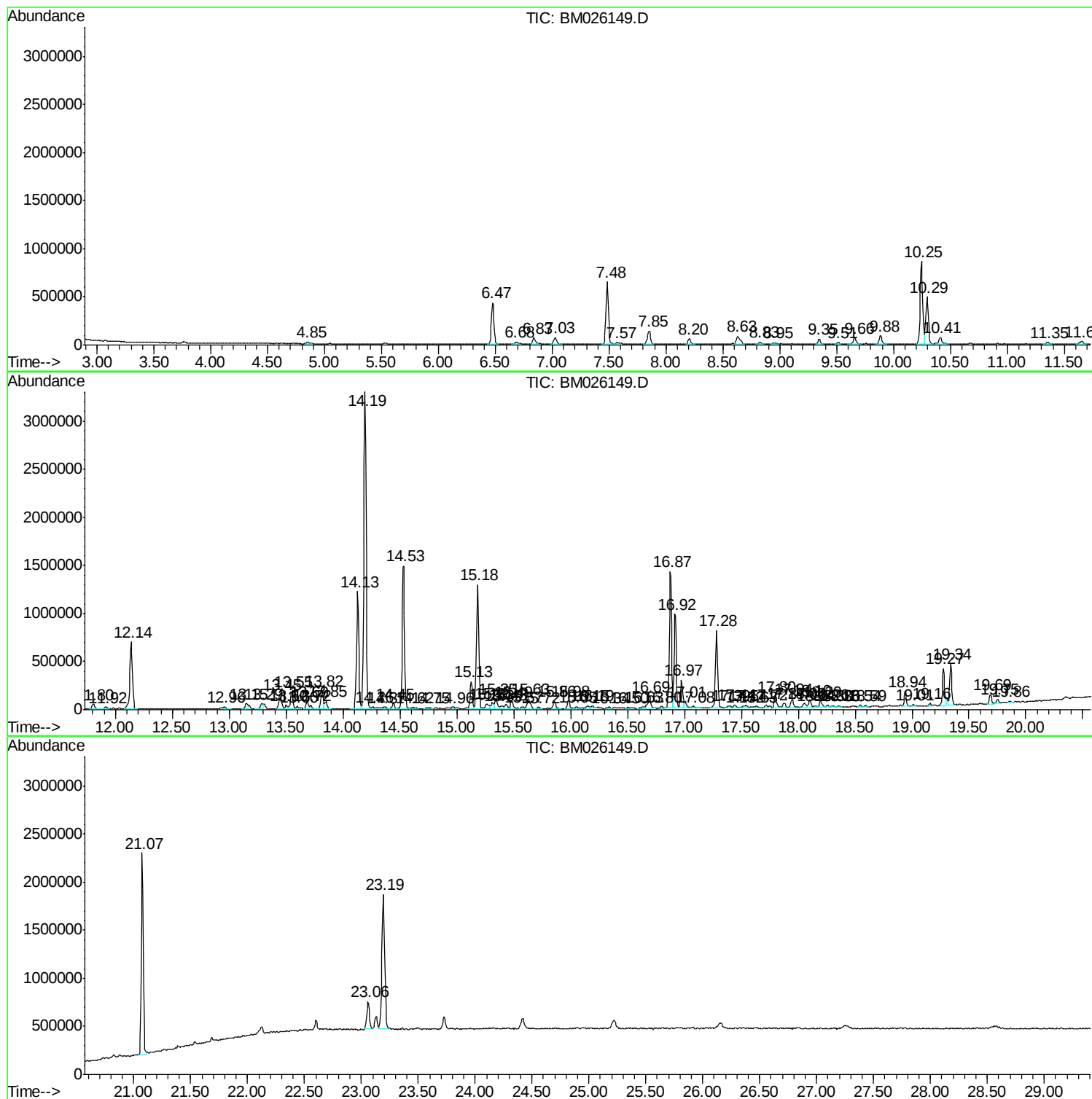
Sum of corrected areas: 33843574

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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



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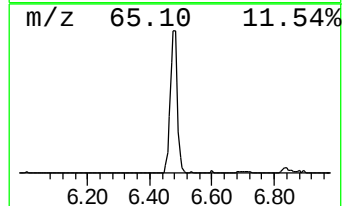
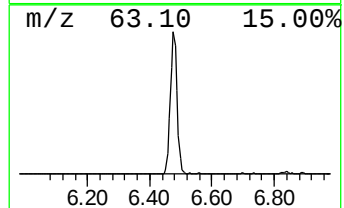
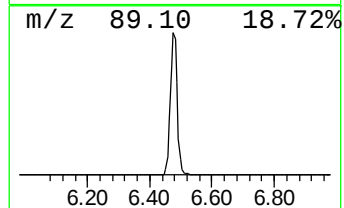
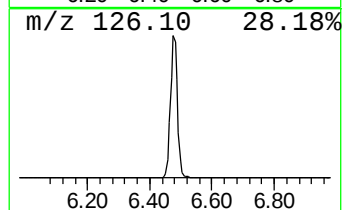
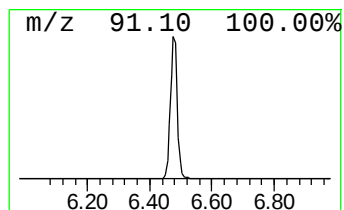
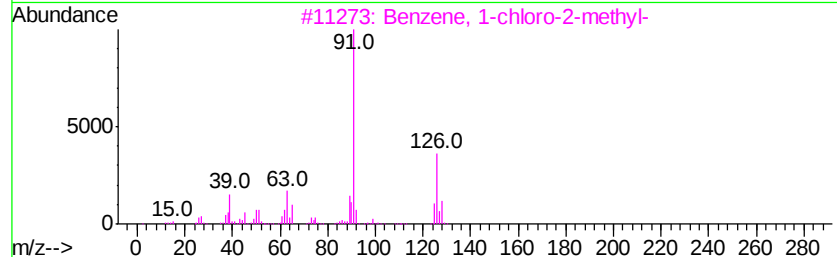
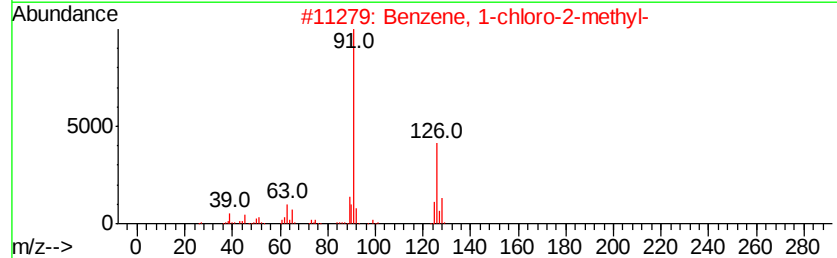
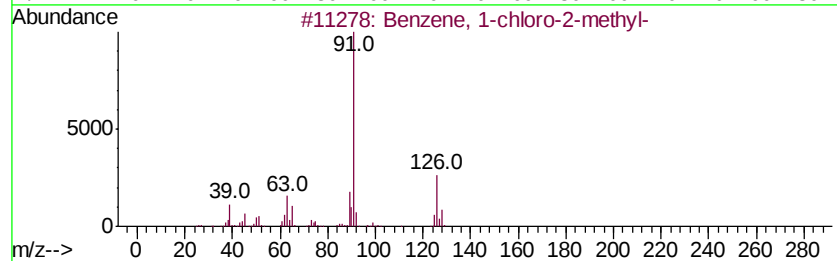
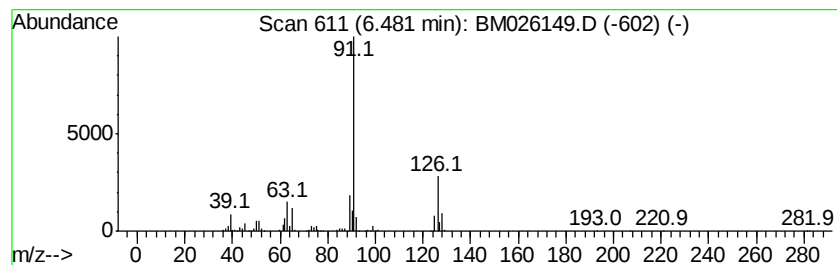
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1-chloro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	13.05 ng/ul	658241	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
3		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
4		Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	93
5		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	91



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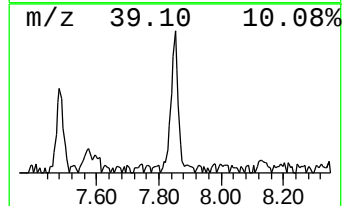
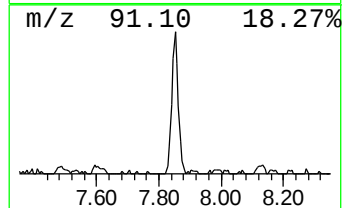
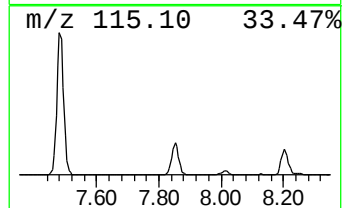
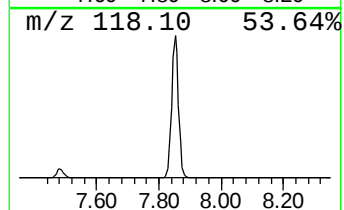
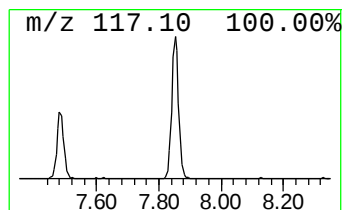
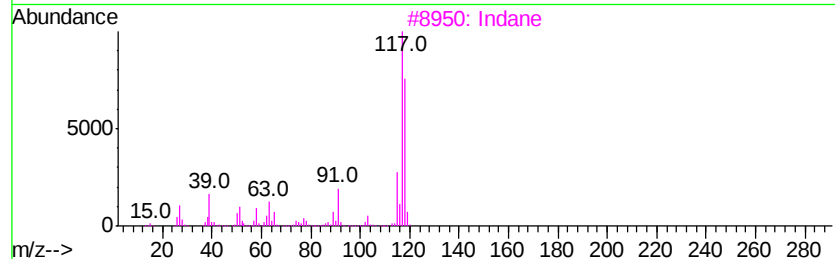
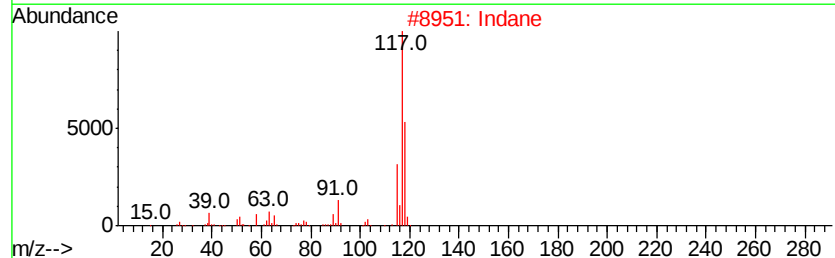
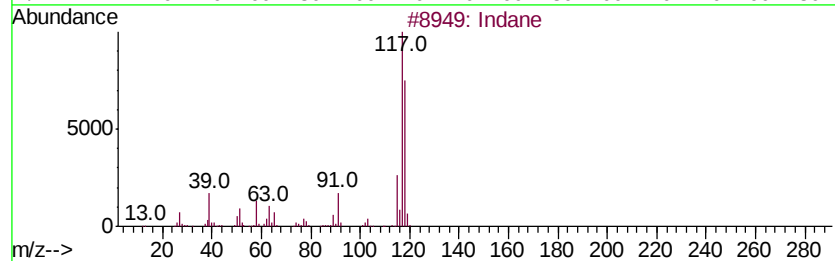
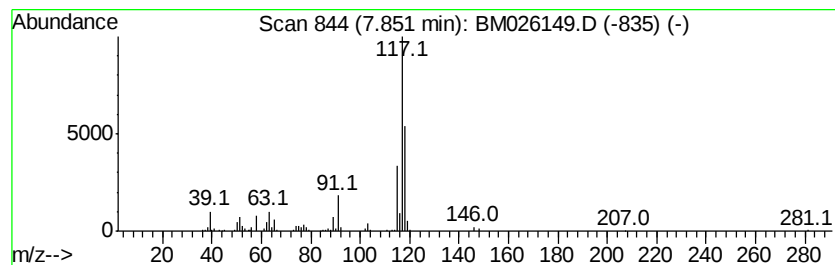
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	5.10 ng/ul	257064	1,4-Dichlorobenzene-d4	7.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Indane		118	C9H10	000496-11-7	90
3	Indane		118	C9H10	000496-11-7	90
4	Indane		118	C9H10	000496-11-7	81
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118	C9H10	1000191-13-7	72



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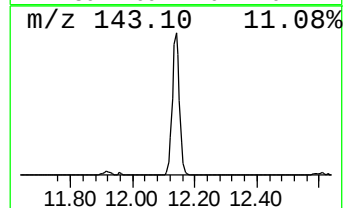
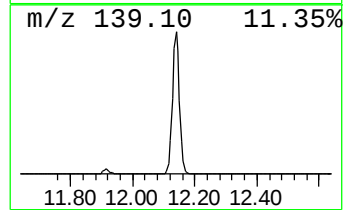
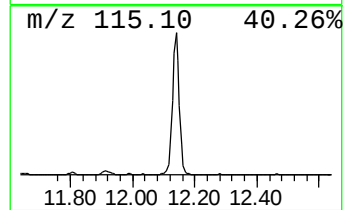
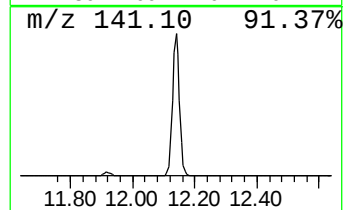
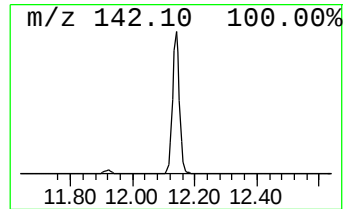
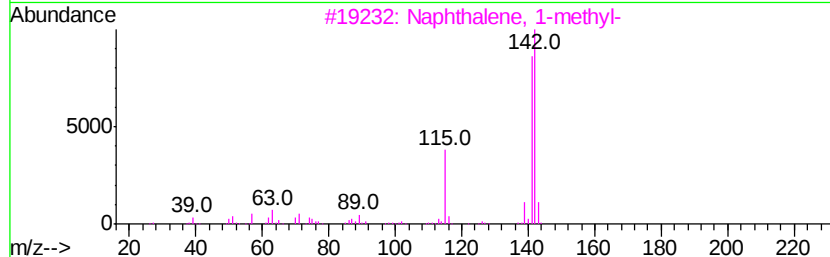
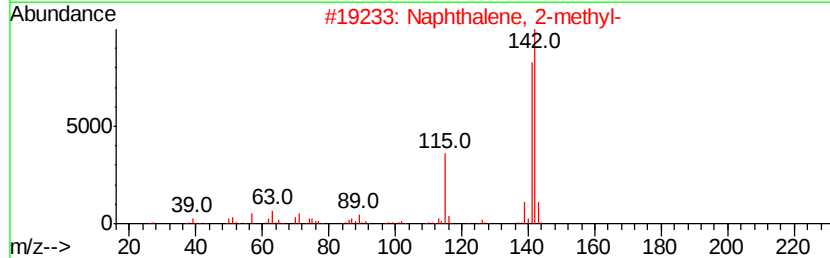
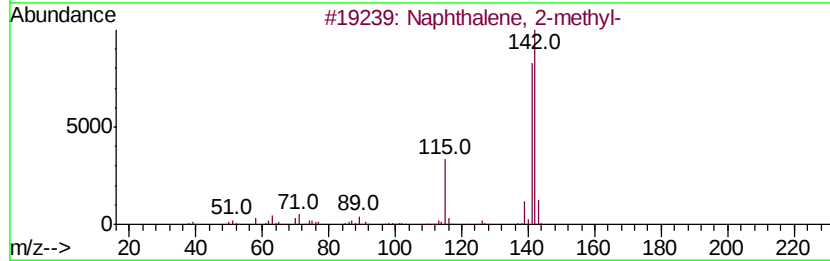
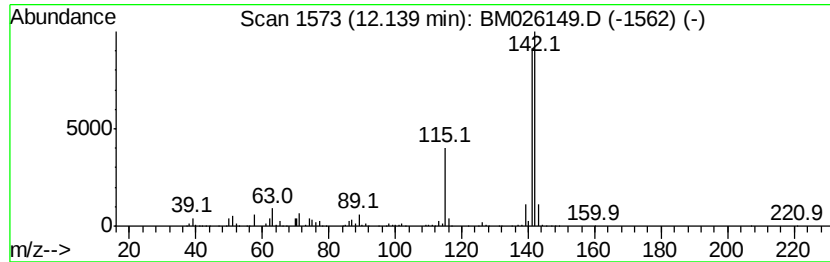
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	16.73 ng/ul	1154600	Naphthalene-d8	10.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026149.D
Acq On : 27 May 2020 17:23
Operator : MA/SJ
Sample : L2737-11DL 10X
Misc :
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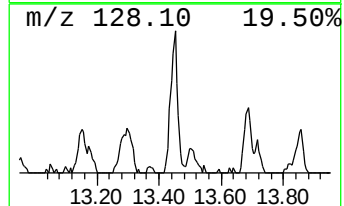
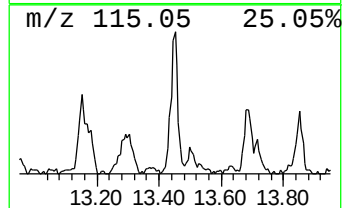
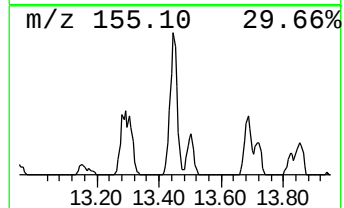
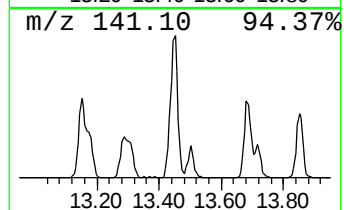
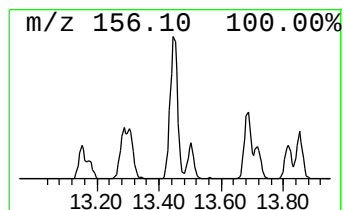
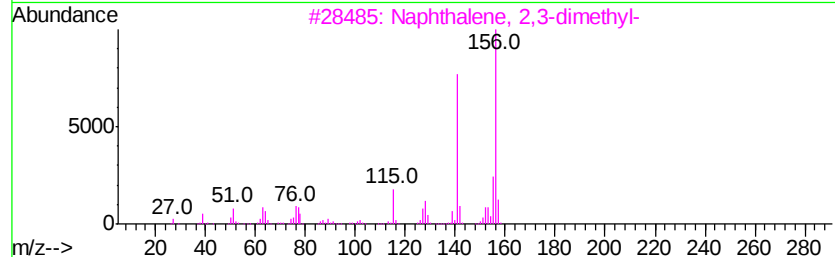
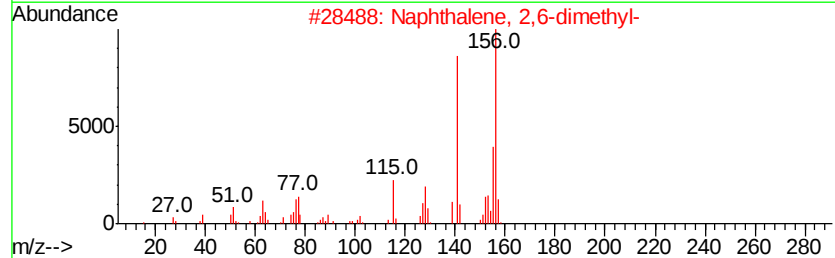
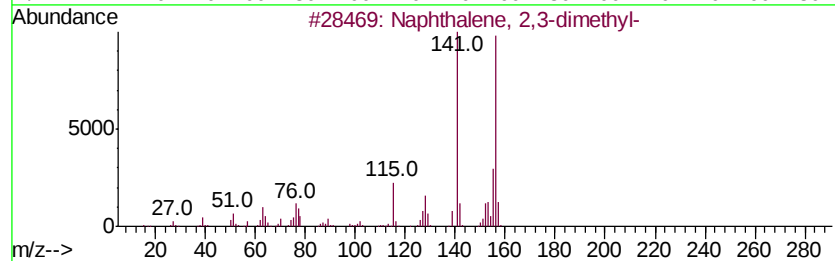
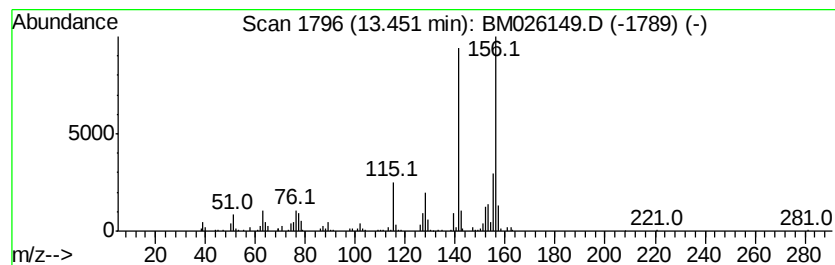
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.16 ng/ul	274675	Acenaphthene-d10	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026149.D
Acq On : 27 May 2020 17:23
Operator : MA/SJ
Sample : L2737-11DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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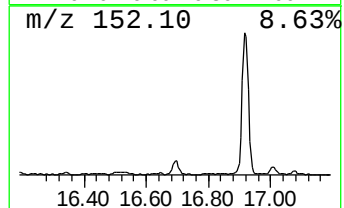
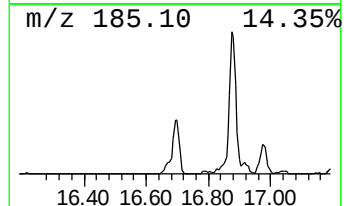
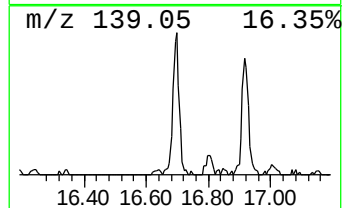
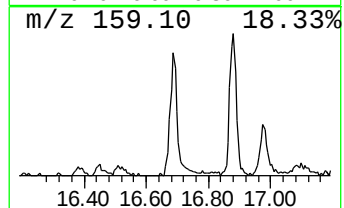
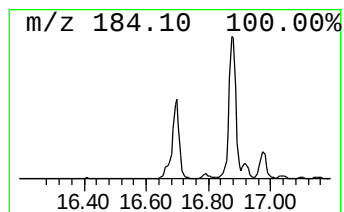
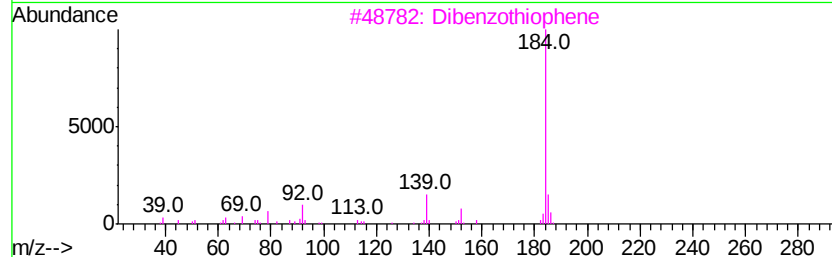
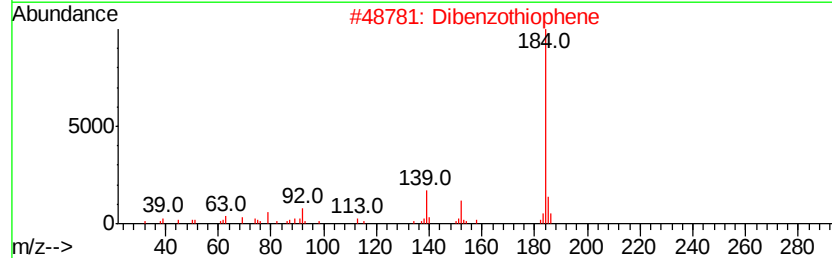
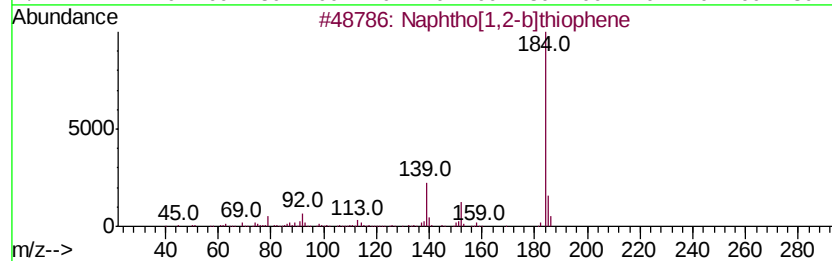
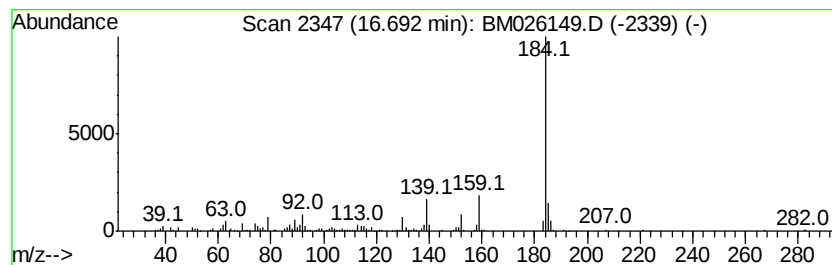
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphtho[1,2-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.34 ng/ul	240441	Phenanthrene-d10	16.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Dibenzothiophene	184	C12H8S	000132-65-0	93
5		Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026149.D
Acq On : 27 May 2020 17:23
Operator : MA/SJ
Sample : L2737-11DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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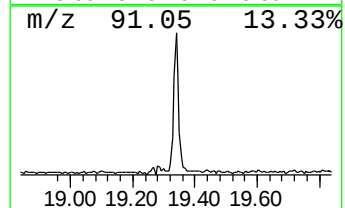
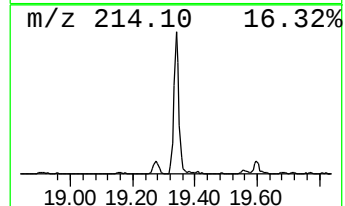
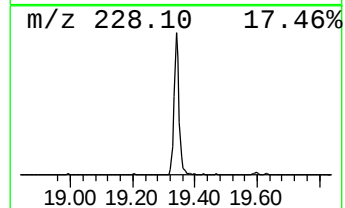
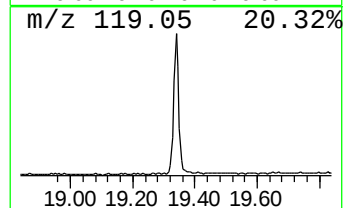
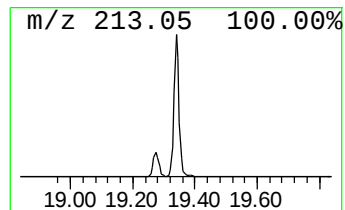
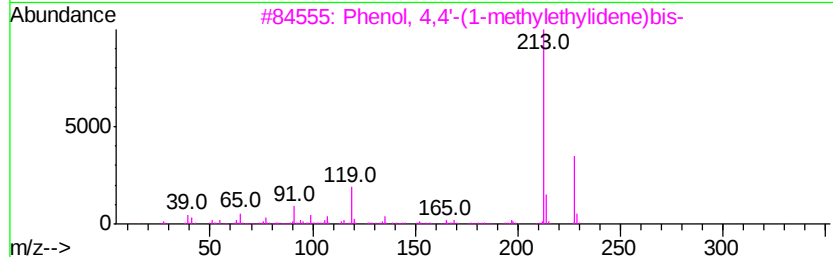
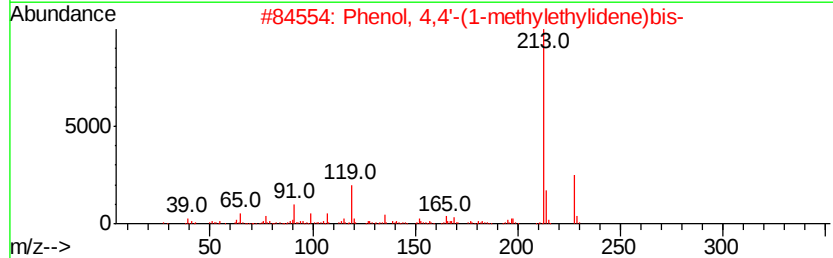
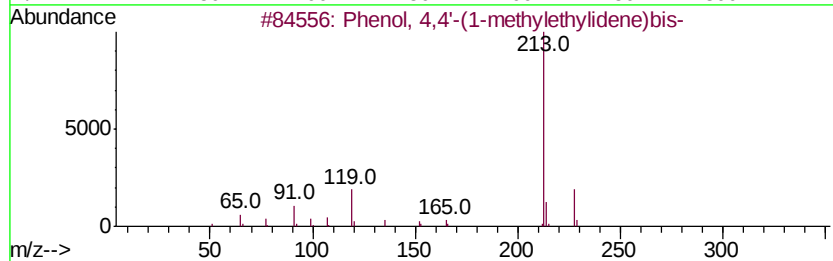
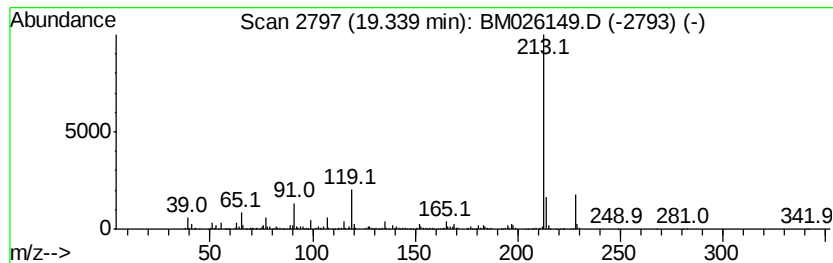
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.16 ng/ul	513588	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	98
2		Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	95
3		Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	87
4		2,2-Bis-(4-hydroxyphenyl)-butane	242	C16H18O2	000077-40-7	59
5		2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052720\
Data File : BM026149.D
Acq On : 27 May 2020 17:23
Operator : MA/SJ
Sample : L2737-11DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	6.48	13.1	ng/ul	658241	1	7.48	1009060	20.0
Indane	7.85	5.1	ng/ul	257064	1	7.48	1009060	20.0
Naphthalene, 1-me...	12.14	16.7	ng/ul	1154600	2	10.25	1380110	20.0
Naphthalene, 2,3-...	13.45	3.2	ng/ul	274675	3	14.13	1737160	20.0
Naphtho[1,2-b]thi...	16.69	2.3	ng/ul	240441	4	16.87	2053030	20.0
Phenol, 4,4'-(1-m...	19.34	4.2	ng/ul	513588	5	21.07	2471830	20.0