LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023558.D
Acq On : 01 Nov 2019 14:21
Operator : JU
Sample : K5511-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM0

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-BM102319MA.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	4.958	330	335	342	rVB	586035	854148	8.23%	0.878%
2	5.152	365	368	374	rVB	106738	145573	1.40%	0.150%
3	5.281	385	390	399	rVB	669879	1128227	10.87%	1.159%
4	5.646	447	452	459	rVB	361914	560835	5.41%	0.576%
5	6.116	529	532	539	rVB	101681	150738	1.45%	0.155%
6	6.299	561	563	569	rVB3	58461	83114	0.80%	0.085%
7	6.787	642	646	659	rVB	337596	681817	6.57%	0.701%
8	6.952	668	674	681	rBV	1115644	1800073	17.35%	1.850%
9	7.146	701	707	716	rVB	1330628	2125651	20.49%	2.184%
10	7.263	723	727	733	rVB2	92201	153585	1.48%	0.158%
11	7.328	735	738	742	rVV3	43460	63523	0.61%	0.065%
12	7.605	779	785	797	rBV	1326193	2169561	20.91%	2.229%
13	7.822	819	822	828	rVB3	75151	112676	1.09%	0.116%
14	8.316	900	906	918	rVB	928951	1532347	14.77%	1.575%
15	8.716	969	974	975	rBV3	37174	59468	0.57%	0.061%
16	8.757	975	981	991	rVB	1444589	2413737	23.27%	2.480%
17	9.222	1056	1060	1066	rVB5	36592	76827	0.74%	0.079%
18	9.404	1086	1091	1092	rBV3	36045	44971	0.43%	0.046%
19	9.475	1094	1103	1116	rVB	1150457	2107957	20.32%	2.166%
20	9.646	1128	1132	1142	rVB9	27511	65282	0.63%	0.067%
21	9.775	1150	1154	1155	rBV2	13536	18864	0.18%	0.019%
22	9.810	1155	1160	1165	rVB6	43156	80657	0.78%	0.083%
23	10.010	1187	1194	1205	rBV	1663819	2872122	27.68%	2.951%
24	10.210	1224	1228	1233	rVB6	29669	51193	0.49%	0.053%
25	10.387	1251	1258	1264	rBV	1809260	3033263	29.24%	3.117%
26	10.434	1264	1266	1271	rVB	37377	44771	0.43%	0.046%
27	10.534	1276	1283	1292	rVB4	49668	127013	1.22%	0.131%
28	10.804	1323	1329	1334	rVB6	27999	56273	0.54%	0.058%
29	10.993	1356	1361	1366	rVB6	25539	48545	0.47%	0.050%
30	11.063	1368	1373	1381	rVB3	60155	116534	1.12%	0.120%
31	11.416	1428	1433	1440	rVB7	12642	26853	0.26%	0.028%
32	11.475	1440	1443	1448	rBV6	12809	21243	0.20%	0.022%
33	11.604	1460	1465	1471	rVB9	22079	47427	0.46%	0.049%
34	11.746	1480	1489	1496	rBV	212754	396231	3.82%	0.407%

LSC Area Percent Report

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Operator : JU
Sample : K5511-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM0

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-BM102319MA.M
Title : SVOA CALIBRATION

35	11.981	1524	1529	1536	rVB4	35184	58330	0.56%	0.060%
36	12.234	1569	1572	1577	rVV5	17778	34198	0.33%	0.035%
37	12.369	1592	1595	1601	rVB7	12347	20609	0.20%	0.021%
38	12.745	1653	1659	1665	rBV	130299	224805	2.17%	0.231%
39	12.804	1665	1669	1677	rVB	50048	86887	0.84%	0.089%
40	12.910	1683	1687	1694	rVB2	51741	76732	0.74%	0.079%
41	13.087	1710	1717	1724	rBV2	76095	146662	1.41%	0.151%
42	13.169	1728	1731	1736	rBV5	11412	19517	0.19%	0.020%
43	13.310	1750	1755	1760	rBV6	18844	30543	0.29%	0.031%
44	13.381	1763	1767	1774	rVV9	10424	21158	0.20%	0.022%
45	13.557	1791	1797	1802	rVB9	10692	19454	0.19%	0.020%
46	13.675	1811	1817	1822	rBV	3360879	4719157	45.49%	4.850%
47	13.722	1822	1825	1831	rVV	386557	574173	5.53%	0.590%
48	13.769	1831	1833	1837	rVV3	31945	45216	0.44%	0.046%
49	13.816	1837	1841	1844	rVV3	23074	31360	0.30%	0.032%
50	13.945	1856	1863	1873	rVV2	3706073	5579525	53.78%	5.734%
51	14.039	1874	1879	1884	rVB	39279	65646	0.63%	0.067%
52	14.257	1908	1916	1922	rBV	2749294	4057177	39.11%	4.169%
53	14.304	1922	1924	1931	rVB4	59009	87650	0.84%	0.090%
54	14.475	1947	1953	1965	rBV2	206664	432648	4.17%	0.445%
55	14.951	2031	2034	2040	rVB9	11216	20604	0.20%	0.021%
56	15.016	2040	2045	2051	rBV2	27996	54660	0.53%	0.056%
57	15.092	2053	2058	2062	rBV7	17963	31025	0.30%	0.032%
58	15.163	2067	2070	2074	rVB5	15052	21043	0.20%	0.022%
59	15.251	2078	2085	2098	rBV	4787556	7138259	68.80%	7.335%
60	15.381	2100	2107	2116	rBV	1312425	1857169	17.90%	1.908%
61	15.492	2122	2126	2127	rBV2	59330	61083	0.59%	0.063%
62	15.522	2127	2131	2136	rVB	185919	258787	2.49%	0.266%
63	15.622	2144	2148	2152	rBV5	12666	19350	0.19%	0.020%
64	15.769	2167	2173	2178	rBV2	48794	98590	0.95%	0.101%
65	15.804	2178	2179	2184	rVV5	17461	25282	0.24%	0.026%
66	15.875	2184	2191	2197	rVV	89678	171283	1.65%	0.176%
67	15.933	2197	2201	2207	rVV2	63455	130540	1.26%	0.134%
68	15.998	2208	2212	2216	rVV7	32065	63773	0.61%	0.066%
69	16.039	2216	2219	2226	rVB7	25755	43112	0.42%	0.044%
70	16.281	2256	2260	2263	rBV6	24379	34349	0.33%	0.035%
71	16.316	2263	2266	2274	rVB	66983	91804	0.88%	0.094%

LSC Area Percent Report

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Data File : BM023558.D
Acq On : 01 Nov 2019 14:21
Operator : JU
Sample : K5511-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM0

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-BM102319MA.M
Title : SVOA CALIBRATION

72	16.486	2291	2295	2299	rBV5	16501	22338	0.22%	0.023%
73	16.539	2300	2304	2310	rVB6	18403	31963	0.31%	0.033%
74	16.733	2333	2337	2340	rVV5	19772	27033	0.26%	0.028%
75	16.792	2344	2347	2351	rVB4	15731	19716	0.19%	0.020%
76	17.004	2372	2383	2392	rBV	3345205	5083377	49.00%	5.224%
77	17.104	2393	2400	2408	rBV	5745861	8129132	78.36%	8.354%
78	17.380	2445	2447	2454	rVB4	33605	46263	0.45%	0.048%
79	17.557	2473	2477	2481	rVB3	27725	38102	0.37%	0.039%
80	17.622	2485	2488	2493	rVB5	23407	30553	0.29%	0.031%
81	17.686	2495	2499	2505	rBV5	50399	87309	0.84%	0.090%
82	17.739	2505	2508	2512	rVB4	24879	29795	0.29%	0.031%
83	17.922	2535	2539	2543	rBV3	127085	176140	1.70%	0.181%
84	17.969	2545	2547	2555	rVV3	45019	85697	0.83%	0.088%
85	18.045	2555	2560	2569	rVV	138108	221591	2.14%	0.228%
86	18.151	2573	2578	2580	rVV	106643	157177	1.52%	0.162%
87	18.198	2580	2586	2597	rVB	230811	434358	4.19%	0.446%
88	18.739	2675	2678	2682	rBV2	28577	43133	0.42%	0.044%
89	18.910	2705	2707	2711	rVB5	31497	31729	0.31%	0.033%
90	19.039	2726	2729	2736	rVB	68502	90971	0.88%	0.093%
91	19.210	2756	2758	2762	rBV4	27086	25154	0.24%	0.026%
92	19.292	2768	2772	2775	rBV2	67925	96418	0.93%	0.099%
93	19.404	2785	2791	2797	rBV	7237771	9710504	93.60%	9.979%
94	19.457	2797	2800	2814	rVB	290040	434080	4.18%	0.446%
95	19.657	2832	2834	2838	rVB5	41569	43566	0.42%	0.045%
96	20.145	2914	2917	2921	rVB	108295	127198	1.23%	0.131%
97	20.945	3049	3053	3059	rBV	631033	929484	8.96%	0.955%
98	21.198	3091	3096	3103	rBV	4102643	5385410	51.91%	5.534%
99	23.251	3439	3445	3452	rBV	5849818	10374638	100.00%	10.661%
100	23.392	3463	3469	3477	rVB	3099110	5675866	54.71%	5.833%

Sum of corrected areas: 97311954

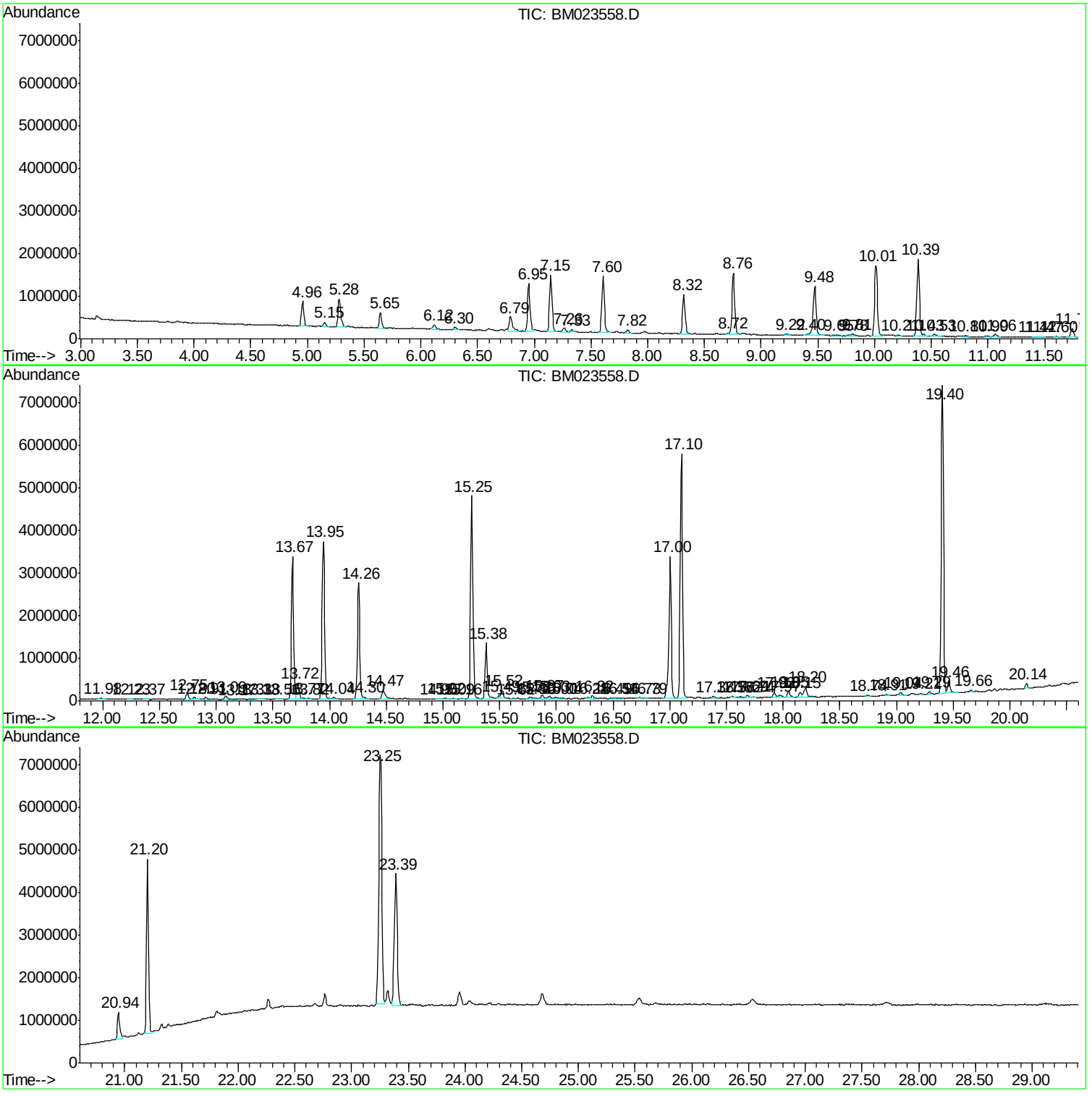
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023558.D
Acq On : 01 Nov 2019 14:21
Operator : JU
Sample : K5511-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023558.D
Acq On : 01 Nov 2019 14:21
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Sample : K5511-05
Misc :
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Instrument : BNA_M
ClientSampleId : BEJM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

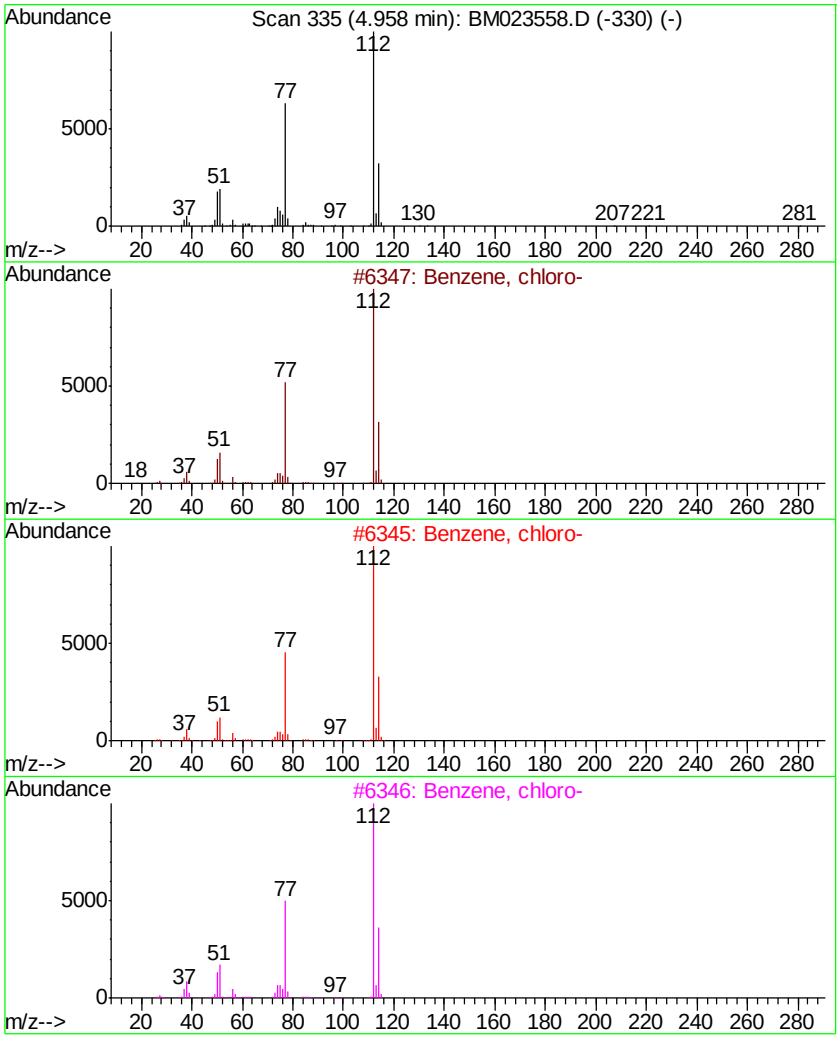
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

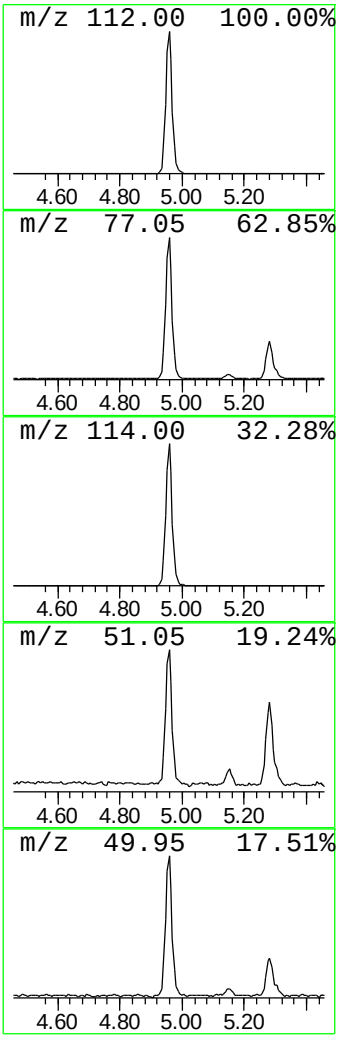
****

Peak Number 1 Benzene, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	7.87 ng/ul	854148	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	72
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023558.D
Acq On : 01 Nov 2019 14:21
Operator : JU
Sample : K5511-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

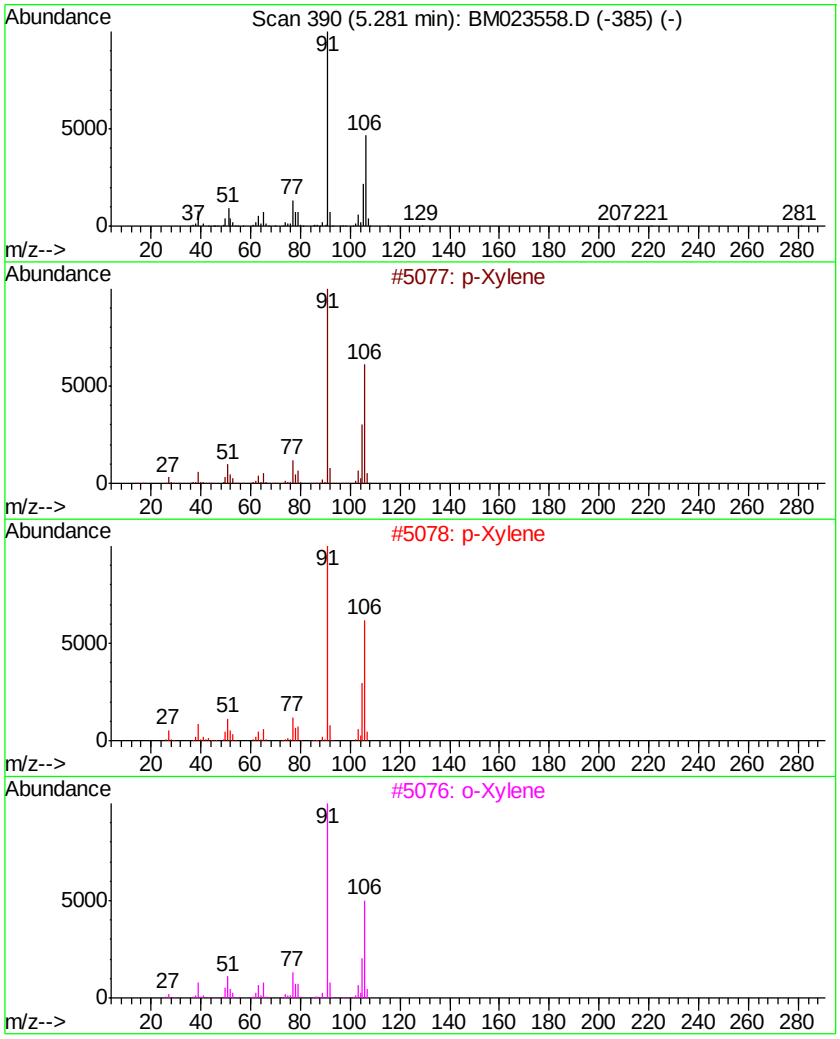
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

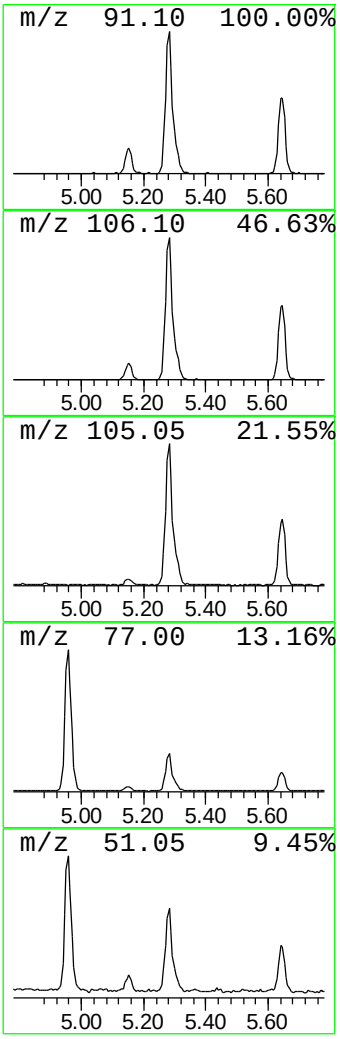
****

Peak Number 2 p-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	10.40 ng/ul	1128230	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





Library Search Compound Report

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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

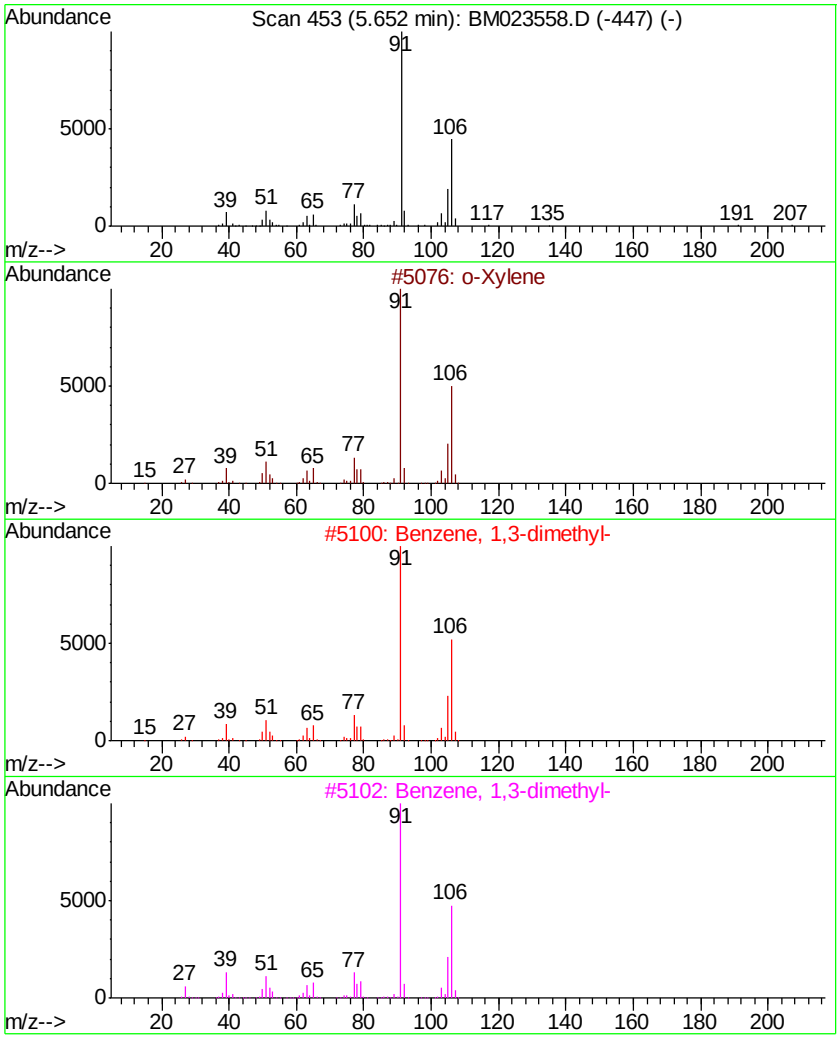
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

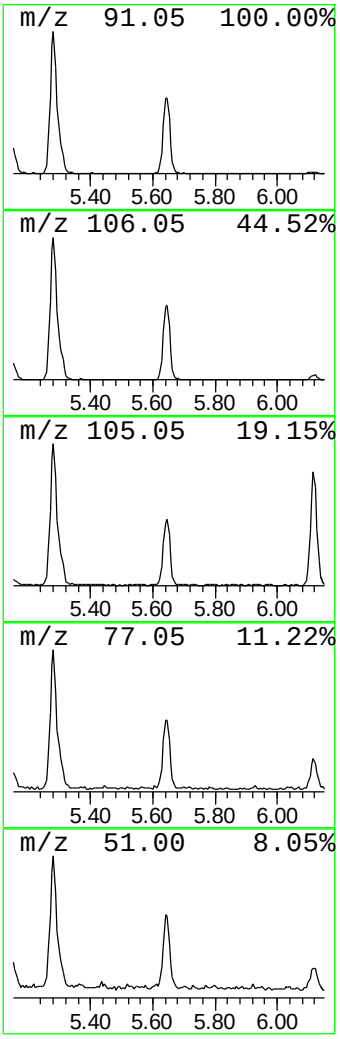
****

Peak Number 3 o-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	5.17 ng/ul	560835	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94





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Data File : BM023558.D
Acq On : 01 Nov 2019 14:21
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

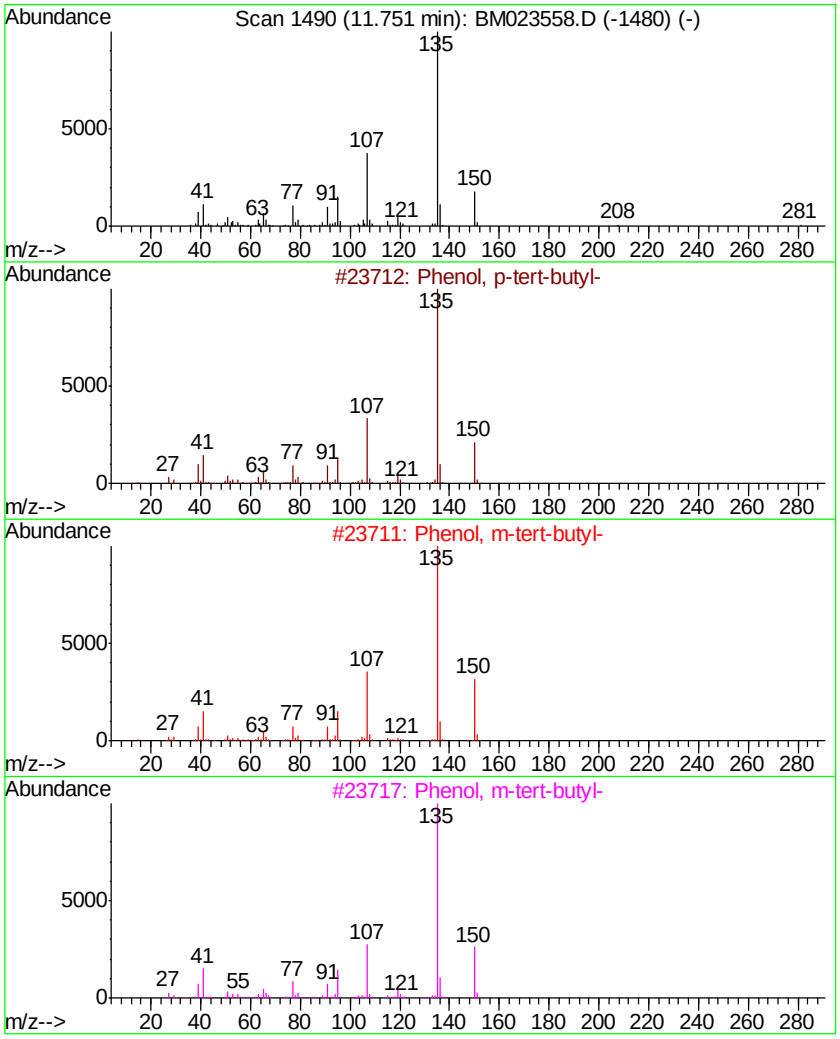
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

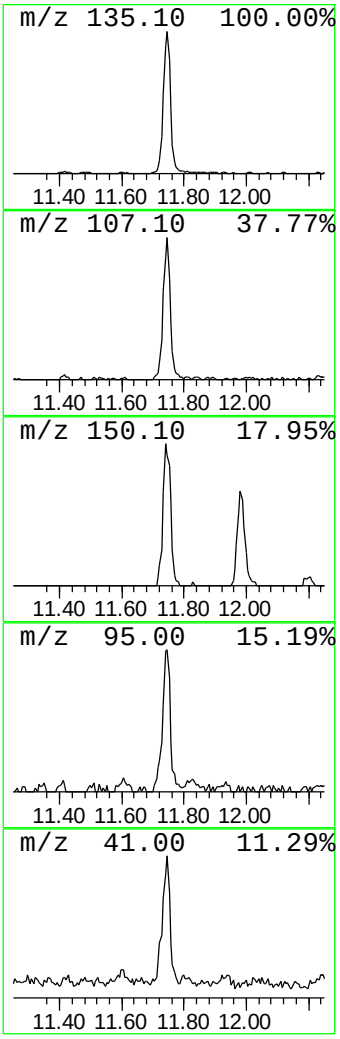
****

Peak Number 4 Phenol, p-tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.61 ng/ul	396231	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	83





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Data File : BM023558.D
Acq On : 01 Nov 2019 14:21
Operator : JU
Sample : K5511-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

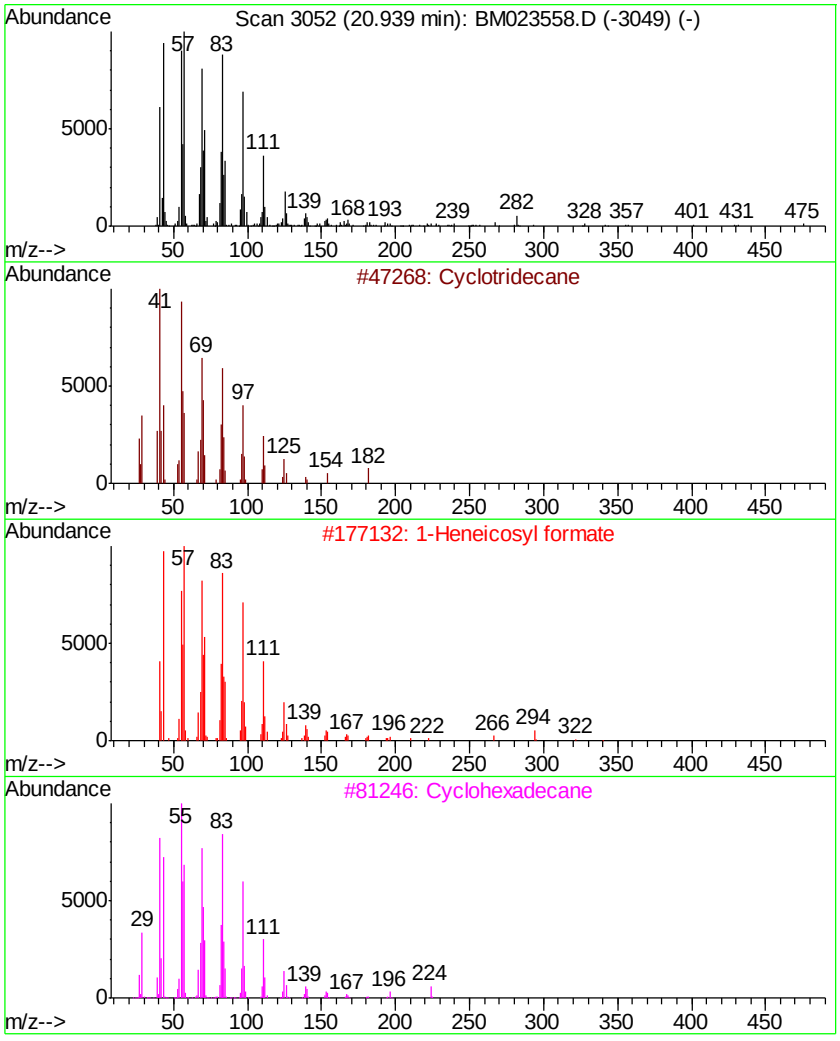
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

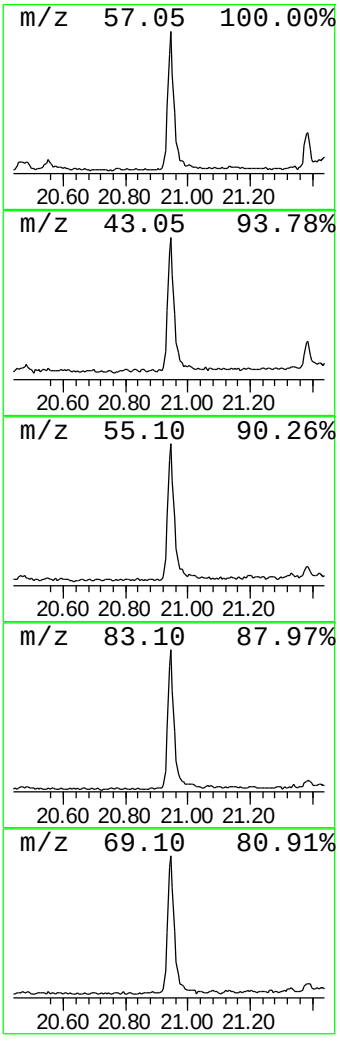
****

Peak Number 5 (DEL) Alkane: Cyclic20.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.45 ng/ul	929484	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotridecane	182	C13H26	000295-02-3	97
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023558.D
Acq On : 01 Nov 2019 14:21
Operator : JU
Sample : K5511-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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, chloro-	4.96	7.9	ng/ul	854148	1	7.60	2169560	20.0
p-Xylene	5.28	10.4	ng/ul	1128230	1	7.60	2169560	20.0
o-Xylene	5.65	5.2	ng/ul	560835	1	7.60	2169560	20.0
Phenol, p-tert-bu...	11.75	2.6	ng/ul	396231	2	10.39	3033260	20.0
(DEL) Alkane: Cyc...	20.94	3.5	ng/ul	929484	5	21.20	5385410	20.0