LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

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-BM100418MA.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	5.769	469	473	479	rVB	285971	410833	7.43%	0.803%
2	6.863	653	659	671	rVB2	228134	457075	8.27%	0.893%
3	7.034	683	688	695	rVB	718074	1046561	18.93%	2.045%
4	7.228	715	721	734	rVB	788540	1213590	21.95%	2.371%
5	7.692	794	800	806	rBV	714781	1114136	20.15%	2.177%
6	7.757	806	811	819	rVB5	83770	154212	2.79%	0.301%
7	8.310	902	905	909	rVB4	7362	11021	0.20%	0.022%
8	8.392	913	919	929	rBV	601882	969036	17.52%	1.893%
9	8.510	935	939	945	rVB	38556	63462	1.15%	0.124%
10	8.781	980	985	990	rBV	105769	176643	3.19%	0.345%
11	8.845	990	996	1002	rVV	901172	1423851	25.75%	2.782%
12	8.892	1002	1004	1009	rVB2	25706	34219	0.62%	0.067%
13	9.016	1019	1025	1030	rVB6	7851	15755	0.28%	0.031%
14	9.416	1085	1093	1097	rBV	39818	62583	1.13%	0.122%
15	9.563	1110	1118	1129	rBV	615761	985737	17.83%	1.926%
16	9.728	1137	1146	1153	rBV3	67238	163300	2.95%	0.319%
17	9.792	1153	1157	1163	rVB2	13384	21547	0.39%	0.042%
18	9.975	1181	1188	1195	rBV	25376	47605	0.86%	0.093%
19	10.092	1201	1208	1220	rBV	1100701	1783188	32.25%	3.484%
20	10.257	1231	1236	1240	rBV4	11760	18948	0.34%	0.037%
21	10.380	1250	1257	1265	rVV2	85383	148099	2.68%	0.289%
22	10.469	1265	1272	1279	rVV	1046812	1701727	30.77%	3.325%
23	10.528	1279	1282	1287	rVB4	12861	20973	0.38%	0.041%
24	10.622	1293	1298	1304	rBV3	14918	27278	0.49%	0.053%
25	11.022	1361	1366	1368	rVV4	4849	7408	0.13%	0.014%
26	11.075	1370	1375	1378	rBV3	5001	7197	0.13%	0.014%
27	11.116	1378	1382	1391	rVB	17847	31163	0.56%	0.061%
28	11.269	1399	1408	1416	rBV4	19261	37679	0.68%	0.074%
29	11.651	1468	1473	1476	rBV4	4609	7858	0.14%	0.015%
30	11.757	1484	1491	1499	rBV	65619	110130	1.99%	0.215%
31	12.004	1524	1533	1538	rBV	13409	24887	0.45%	0.049%
32	12.063	1538	1543	1550	rVB2	18660	31941	0.58%	0.062%
33	12.604	1629	1635	1642	rBV5	18733	31855	0.58%	0.062%
34	12.680	1642	1648	1655	rBV4	24528	41568	0.75%	0.081%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

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-BM100418MA.M
Title : SVOA CALIBRATION

35	12.780	1662	1665	1669	rBV3	4083	5985	0.11%	0.012%
36	12.939	1686	1692	1699	rBV	42968	65578	1.19%	0.128%
37	13.174	1723	1732	1736	rBV	22579	33892	0.61%	0.066%
38	13.251	1738	1745	1759	rBV	330134	486232	8.79%	0.950%
39	13.745	1823	1829	1836	rBV	1998472	2658955	48.08%	5.196%
40	14.021	1864	1876	1884	rBV	2282115	3307668	59.81%	6.463%
41	14.121	1889	1893	1900	rVV4	7298	15496	0.28%	0.030%
42	14.204	1903	1907	1910	rVB3	5396	7732	0.14%	0.015%
43	14.333	1921	1929	1936	rBV2	1540244	2209560	39.96%	4.317%
44	14.421	1939	1944	1948	rVB	16860	22965	0.42%	0.045%
45	14.533	1957	1963	1972	rBV	106716	165019	2.98%	0.322%
46	14.763	1996	2002	2013	rBV2	88751	133279	2.41%	0.260%
47	14.933	2027	2031	2036	rVB3	4819	7156	0.13%	0.014%
48	15.015	2039	2045	2049	rVV	29687	43078	0.78%	0.084%
49	15.086	2053	2057	2062	rVB	14769	22021	0.40%	0.043%
50	15.145	2062	2067	2069	rBV	13097	17810	0.32%	0.035%
51	15.163	2069	2070	2074	rVB3	9738	7988	0.14%	0.016%
52	15.327	2091	2098	2106	rBV	2969816	4176914	75.53%	8.162%
53	15.451	2111	2119	2126	rBV	647852	808511	14.62%	1.580%
54	15.568	2135	2139	2143	rBV	27691	34074	0.62%	0.067%
55	15.698	2157	2161	2165	rBV	17865	22046	0.40%	0.043%
56	16.345	2266	2271	2275	rBV2	5088	6625	0.12%	0.013%
57	16.492	2292	2296	2301	rBV5	14236	18698	0.34%	0.037%
58	16.868	2356	2360	2365	rVB3	6072	8936	0.16%	0.017%
59	17.080	2388	2396	2406	rBV	1852176	2472126	44.70%	4.831%
60	17.180	2406	2413	2426	rBV	3092579	4412808	79.80%	8.623%
61	17.374	2444	2446	2450	rVB2	6812	6680	0.12%	0.013%
62	17.756	2506	2511	2515	rBV2	266805	330831	5.98%	0.646%
63	17.792	2515	2517	2524	rVB4	31347	40358	0.73%	0.079%
64	17.851	2524	2527	2529	rBV4	5056	5794	0.10%	0.011%
65	17.986	2545	2550	2558	rBV	160057	246840	4.46%	0.482%
66	18.056	2559	2562	2565	rVB	11777	15960	0.29%	0.031%
67	18.909	2704	2707	2711	rBV4	3880	6438	0.12%	0.013%
68	19.109	2737	2741	2745	rBV	32137	47456	0.86%	0.093%
69	19.145	2745	2747	2750	rVV3	10758	11814	0.21%	0.023%
70	19.268	2763	2768	2774	rBV2	124928	171115	3.09%	0.334%
71	19.362	2781	2784	2789	rVB2	25913	33059	0.60%	0.065%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

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-BM100418MA.M
Title : SVOA CALIBRATION

72	19.474	2797	2803	2810	rBV	3827225	5094818	92.13%	9.955%
73	21.192	3092	3095	3099	rBV	65731	85687	1.55%	0.167%
74	21.268	3103	3108	3115	rVV	2389145	2947827	53.31%	5.760%
75	23.350	3455	3462	3477	rBV	3060045	5529959	100.00%	10.805%
76	23.491	3479	3486	3496	rVB	1604777	3028490	54.77%	5.918%

Sum of corrected areas: 51177343

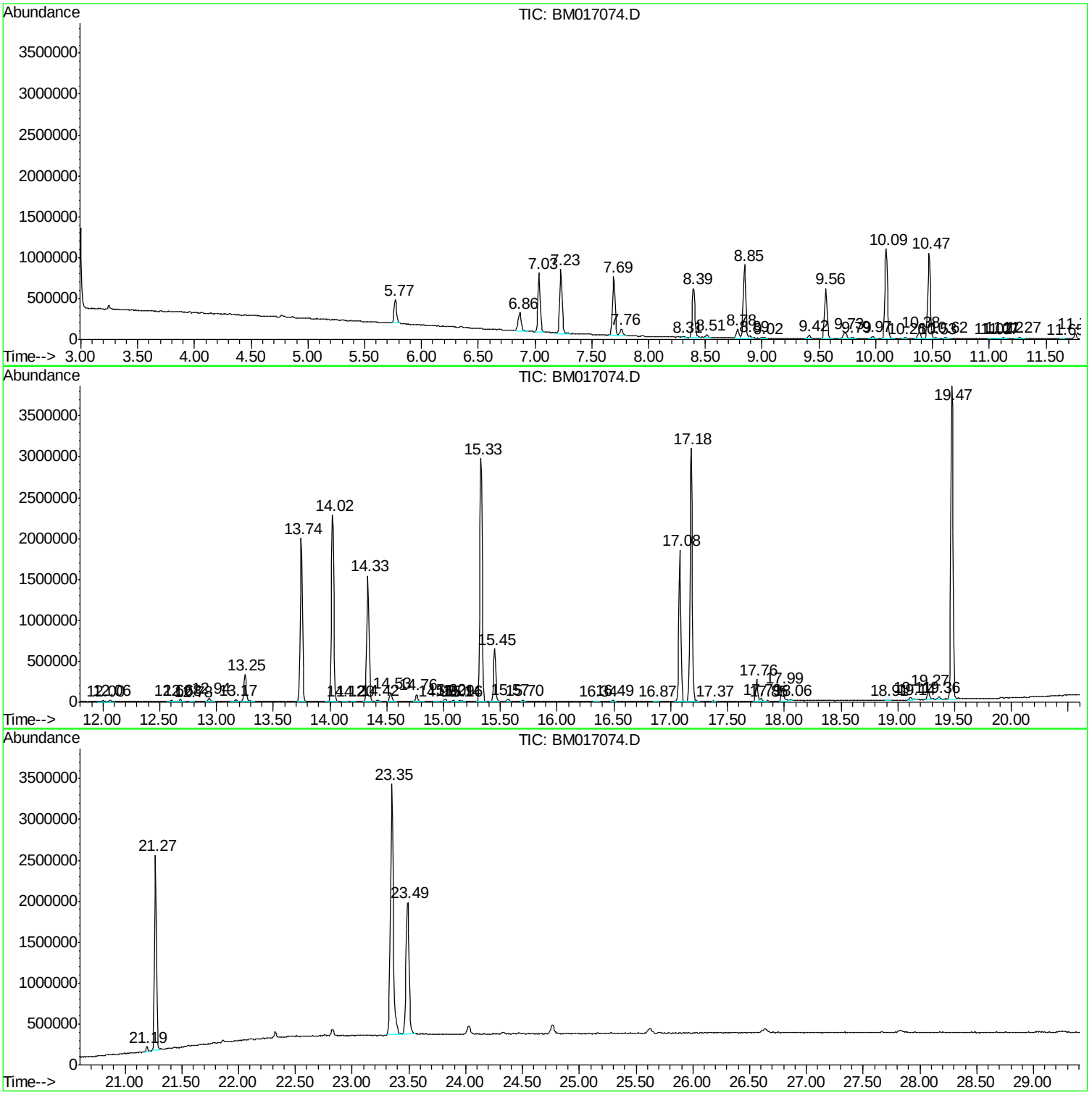
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.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\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

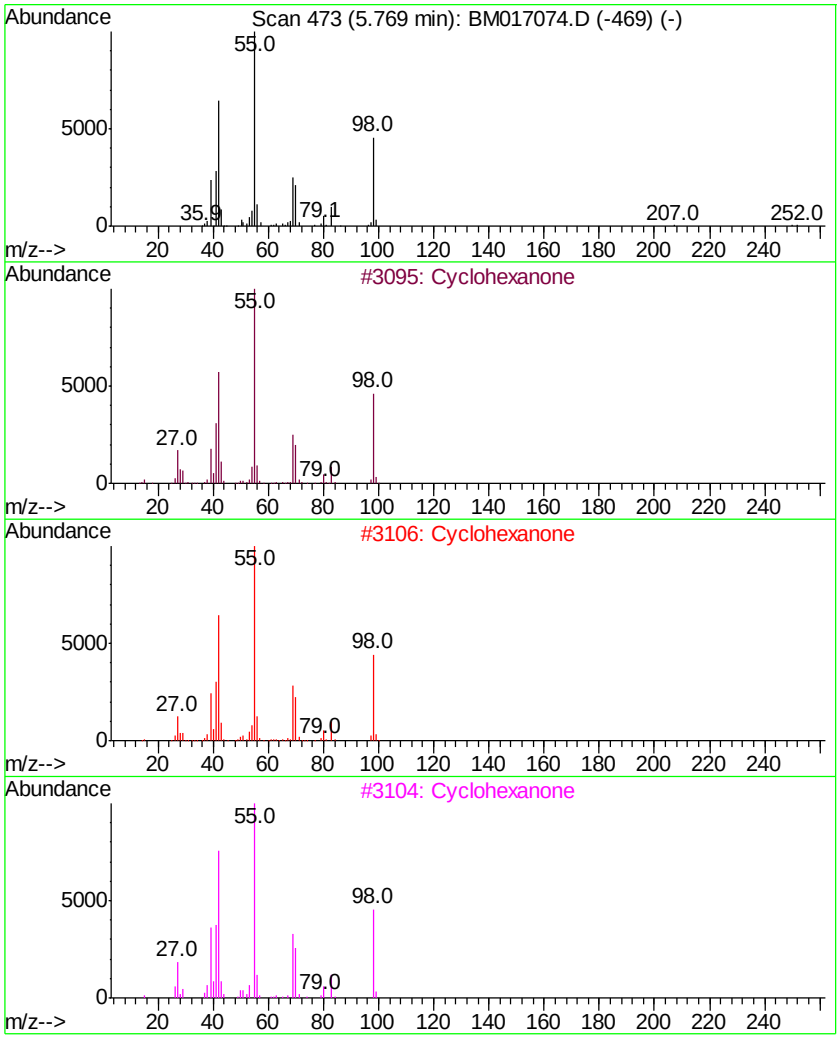
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

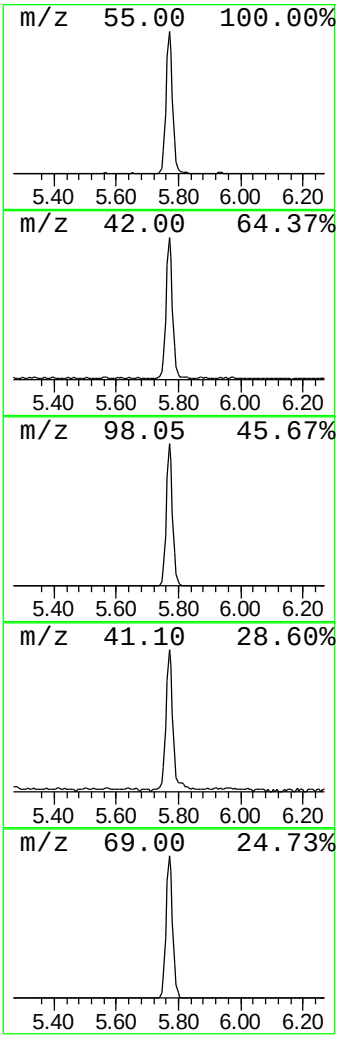
****

Peak Number 1 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	7.37 ng/ul	410833	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	94
2	Cyclohexanone	98	C6H10O	000108-94-1	94
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	91
5	Cyclohexanone	98	C6H10O	000108-94-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

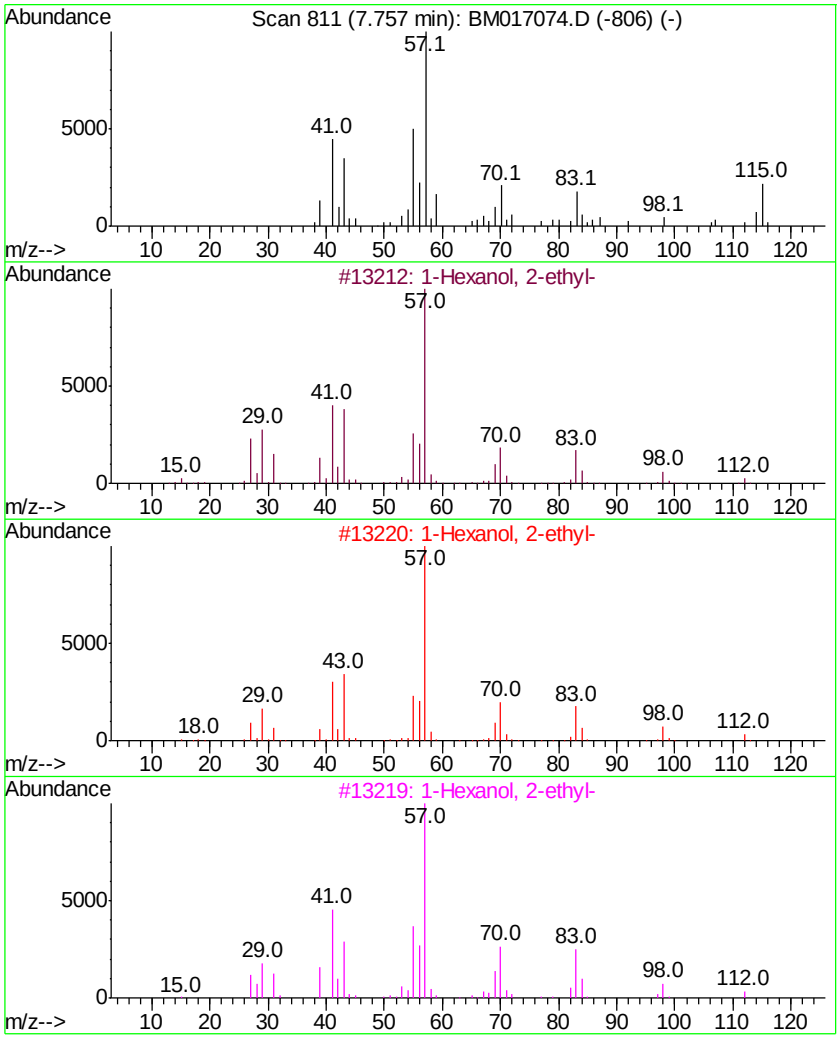
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

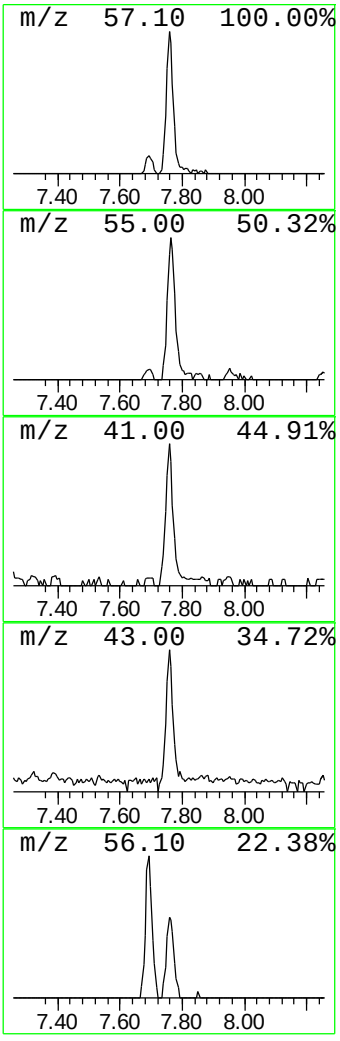
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	2.77 ng/ul	154212	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	43
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	37
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

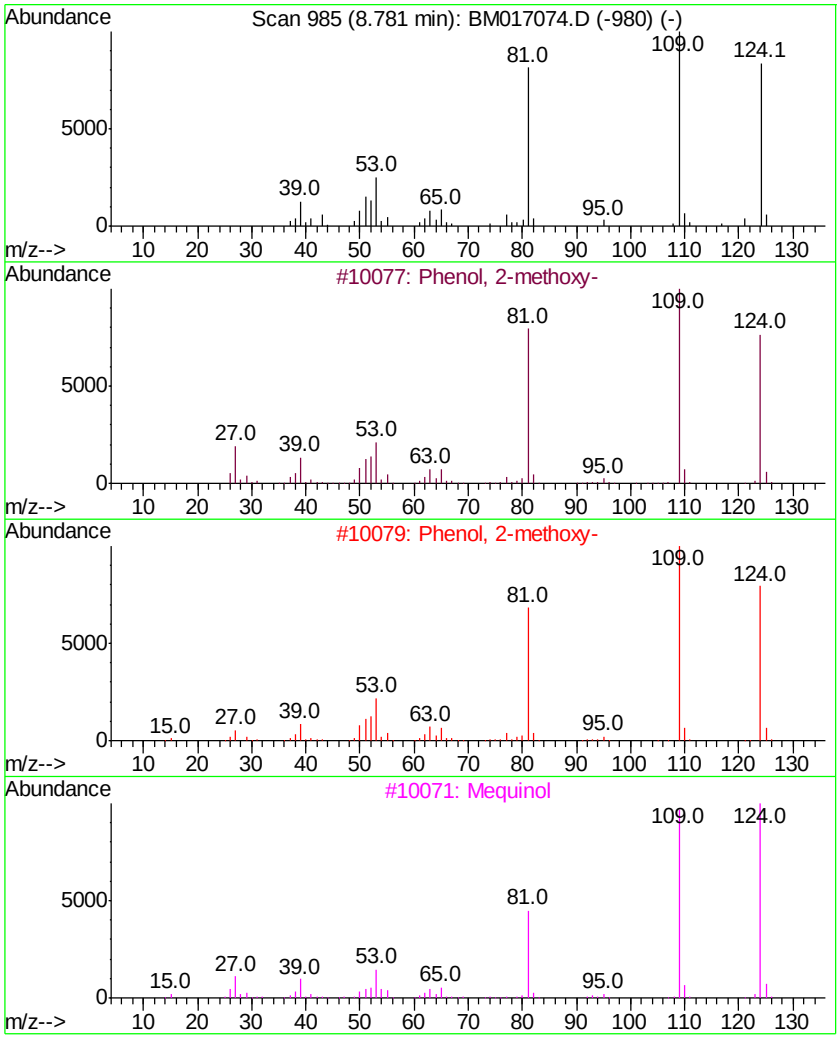
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

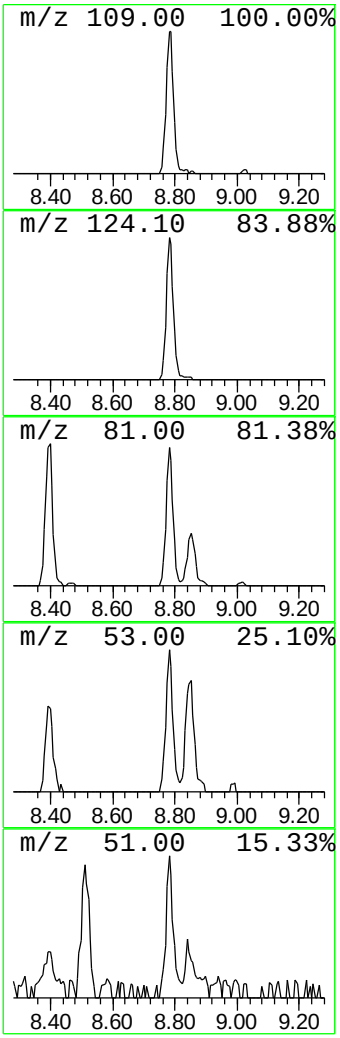
****

Peak Number 3 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	3.17 ng/ul	176643	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

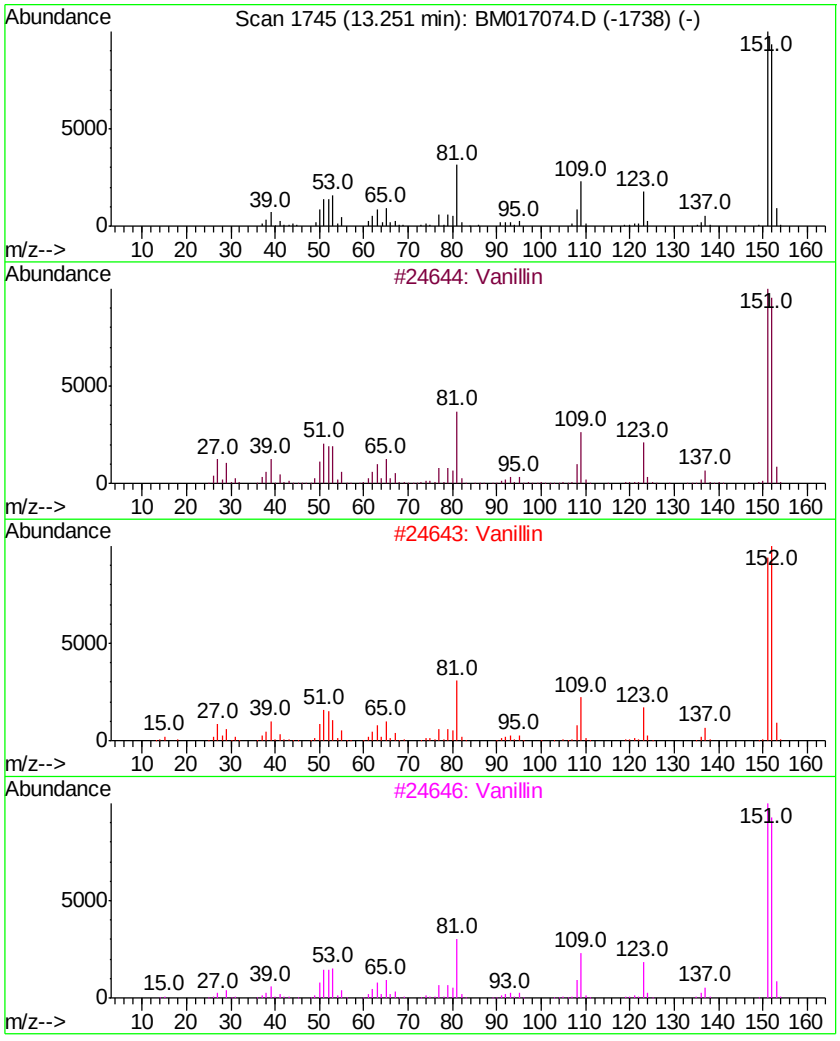
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

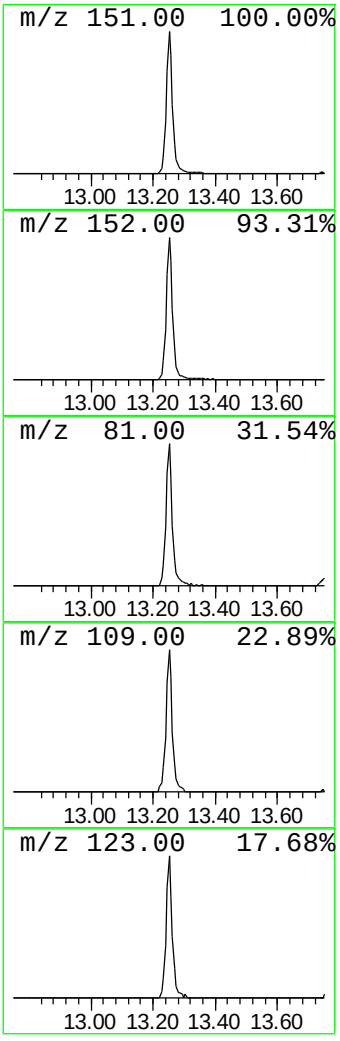
****

Peak Number 4 Vanillin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.40 ng/ul	486232	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	98
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	97
4	Vanillin	152	C8H8O3	000121-33-5	97
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

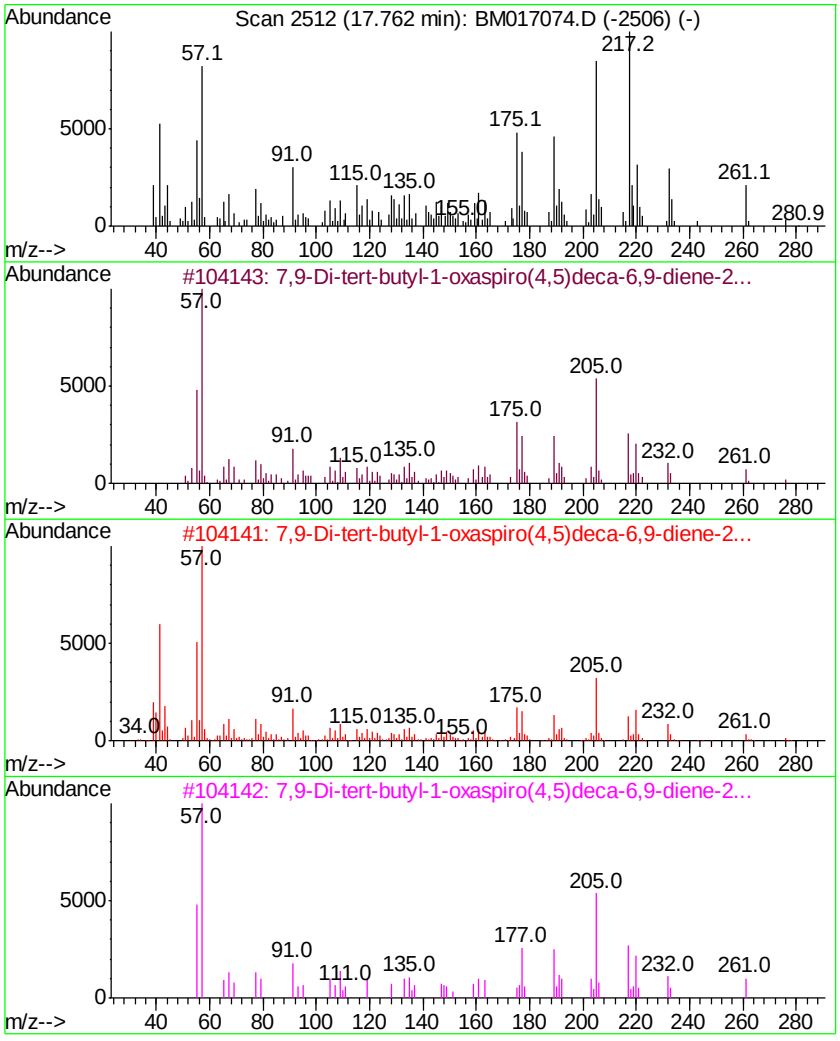
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

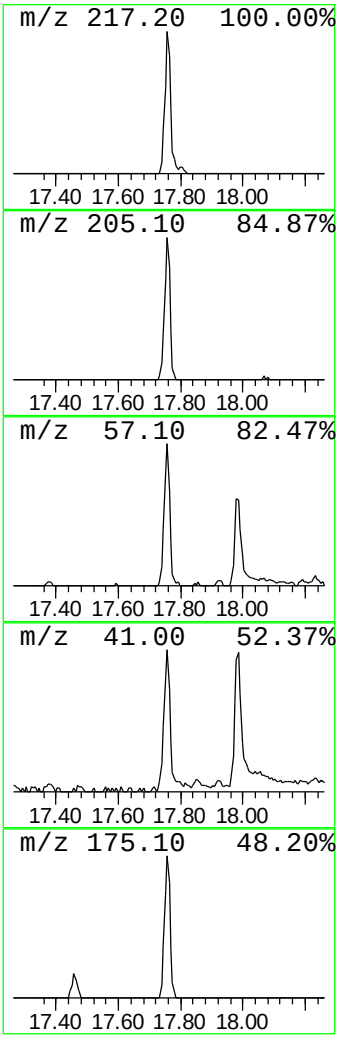
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.68 ng/ul	330831	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	70
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	51
5	4-Amino-7-diethylamino-chromen-2...	232	C13H16N2O2	107995-76-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100818\
Data File : BM017074.D
Acq On : 08 Oct 2018 20:03
Operator : MJ/SJ
Sample : J5234-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.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
Cyclohexanone	5.77	7.4	ng/ul	410833	1	7.69	1114140	20.0
unknown-01	7.76	2.8	ng/ul	154212	1	7.69	1114140	20.0
Phenol, 2-methoxy-	8.78	3.2	ng/ul	176643	1	7.69	1114140	20.0
Vanillin	13.25	4.4	ng/ul	486232	3	14.33	2209560	20.0
7,9-Di-tert-butyl...	17.76	2.7	ng/ul	330831	4	17.08	2472130	20.0