LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018064.D
Acq On : 11 Dec 2018 19:12
Operator : JU/SJ
Sample : J6170-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M15

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-BM111918MA.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	3.157	25	29	32	rBV3	11048	12946	0.28%	0.027%
2	3.751	126	130	136	rVB2	18397	28144	0.60%	0.058%
3	3.951	160	164	171	rVB3	19163	27710	0.59%	0.057%
4	4.251	212	215	219	rVB3	4636	5892	0.13%	0.012%
5	4.746	291	299	303	rBV5	15334	29610	0.63%	0.061%
6	5.146	363	367	372	rVB5	4356	6960	0.15%	0.014%
7	5.651	446	453	457	rBV5	4864	9199	0.20%	0.019%
8	5.975	503	508	514	rBV2	17156	27599	0.59%	0.057%
9	6.240	548	553	558	rBV5	2662	7604	0.16%	0.016%
10	6.604	609	615	622	rBV2	22709	48884	1.05%	0.101%
11	6.675	622	627	631	rVV7	8630	15981	0.34%	0.033%
12	6.740	631	638	650	rVB	173681	345320	7.39%	0.714%
13	6.898	659	665	678	rBV	687081	1089320	23.31%	2.252%
14	7.087	690	697	708	rBV	785717	1244581	26.63%	2.573%
15	7.545	769	775	783	rBV	614190	1004637	21.50%	2.077%
16	7.616	783	787	795	rVB	45430	74048	1.58%	0.153%
17	8.169	871	881	888	rVV4	15173	39899	0.85%	0.082%
18	8.263	891	897	912	rVV	549469	993944	21.27%	2.055%
19	8.375	912	916	923	rVB2	25031	40040	0.86%	0.083%
20	8.639	954	961	966	rBV	237162	379596	8.12%	0.785%
21	8.704	966	972	978	rVV	869310	1445214	30.92%	2.988%
22	8.757	978	981	989	rVB	38213	67655	1.45%	0.140%
23	8.875	996	1001	1010	rVB4	10589	21854	0.47%	0.045%
24	9.086	1034	1037	1042	rVB4	5269	6095	0.13%	0.013%
25	9.416	1086	1093	1114	rBV	768417	1287715	27.55%	2.662%
26	9.639	1126	1131	1134	rBV4	7558	16215	0.35%	0.034%
27	9.698	1135	1141	1146	rVV7	14823	33544	0.72%	0.069%
28	9.945	1176	1183	1204	rBV	873925	1820951	38.96%	3.764%
29	10.098	1204	1209	1210	rBV4	4078	5422	0.12%	0.011%
30	10.245	1228	1234	1240	rBV3	99530	212622	4.55%	0.440%
31	10.316	1240	1246	1252	rVV	883678	1512664	32.36%	3.127%
32	10.375	1252	1256	1264	rVB5	25311	47259	1.01%	0.098%
33	10.933	1346	1351	1352	rBV2	3312	4807	0.10%	0.010%
34	10.986	1356	1360	1368	rVB3	6301	11359	0.24%	0.023%

LSC Area Percent Report

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Data File : BM018064.D
Acq On : 11 Dec 2018 19:12
Operator : JU/SJ
Sample : J6170-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M15

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-BM111918MA.M
Title : SVOA CALIBRATION

35	11.145	1377	1387	1398	rBV4	57215	121682	2.60%	0.252%
36	11.257	1403	1406	1412	rVB4	3602	5380	0.12%	0.011%
37	11.510	1441	1449	1452	rBV2	12097	21249	0.45%	0.044%
38	11.645	1464	1472	1478	rBV2	52778	105452	2.26%	0.218%
39	11.745	1487	1489	1493	rVB3	4080	4717	0.10%	0.010%
40	11.922	1513	1519	1526	rBV2	16083	31940	0.68%	0.066%
41	12.474	1607	1613	1617	rVV2	12783	21783	0.47%	0.045%
42	12.533	1619	1623	1633	rVB	30894	54325	1.16%	0.112%
43	12.657	1638	1644	1649	rBV2	5623	11831	0.25%	0.024%
44	12.792	1662	1667	1676	rVB4	48049	80713	1.73%	0.167%
45	13.039	1706	1709	1714	rBV	5071	5840	0.12%	0.012%
46	13.127	1714	1724	1746	rBV	712651	1325602	28.36%	2.740%
47	13.533	1788	1793	1795	rBV2	3633	4816	0.10%	0.010%
48	13.621	1797	1808	1821	rVV	2177387	2949960	63.12%	6.098%
49	13.886	1846	1853	1867	rBV	2491285	3570425	76.39%	7.381%
50	14.098	1883	1889	1898	rVV2	26000	42562	0.91%	0.088%
51	14.198	1900	1906	1917	rVV2	1294331	1960188	41.94%	4.052%
52	14.286	1917	1921	1927	rVB	15323	19237	0.41%	0.040%
53	14.463	1946	1951	1968	rBV5	53750	191016	4.09%	0.395%
54	14.815	2008	2011	2016	rVB3	6962	8705	0.19%	0.018%
55	14.892	2016	2024	2030	rBV3	38074	69198	1.48%	0.143%
56	15.045	2039	2050	2057	rVB2	49414	79065	1.69%	0.163%
57	15.204	2070	2077	2090	rBV	2978911	4383517	93.79%	9.062%
58	15.345	2095	2101	2113	rVV	871392	1293391	27.67%	2.674%
59	15.445	2113	2118	2124	rVB3	37401	63045	1.35%	0.130%
60	15.580	2136	2141	2149	rVB2	23605	34794	0.74%	0.072%
61	16.562	2304	2308	2312	rVB3	5477	6403	0.14%	0.013%
62	16.751	2335	2340	2342	rBV2	5551	7941	0.17%	0.016%
63	16.957	2369	2375	2386	rBV2	1583216	2184335	46.74%	4.516%
64	17.057	2386	2392	2411	rVB2	3203085	4592542	98.26%	9.494%
65	17.256	2421	2426	2432	rBV	14634	24719	0.53%	0.051%
66	17.633	2485	2490	2495	rBV	760670	932523	19.95%	1.928%
67	17.804	2515	2519	2522	rBV2	8072	8449	0.18%	0.017%
68	17.868	2525	2530	2538	rBV4	38619	72134	1.54%	0.149%
69	17.939	2538	2542	2549	rVB	17967	28198	0.60%	0.058%
70	18.074	2561	2565	2569	rBV2	21959	28759	0.62%	0.059%
71	18.109	2569	2571	2575	rVB4	12641	14094	0.30%	0.029%

LSC Area Percent Report

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Data File : BM018064.D
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Operator : JU/SJ
Sample : J6170-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M15

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-BM111918MA.M
Title : SVOA CALIBRATION

72	19.003	2719	2723	2728	rBV	27326	35427	0.76%	0.073%
73	19.162	2746	2750	2758	rBV6	28536	52293	1.12%	0.108%
74	19.250	2761	2765	2770	rBV3	21015	32128	0.69%	0.066%
75	19.309	2772	2775	2778	rVB5	10761	12551	0.27%	0.026%
76	19.368	2778	2785	2794	rBV	3193942	4673787	100.00%	9.662%
77	20.274	2937	2939	2940	rBV2	9350	6438	0.14%	0.013%
78	21.174	3087	3092	3104	rBV	1388699	1940521	41.52%	4.012%
79	22.209	3265	3268	3273	rBV5	110569	149989	3.21%	0.310%
80	23.215	3432	3439	3450	rVB	1893460	3533040	75.59%	7.304%
81	23.350	3456	3462	3474	rVB2	838321	1650434	35.31%	3.412%

Sum of corrected areas: 48372428

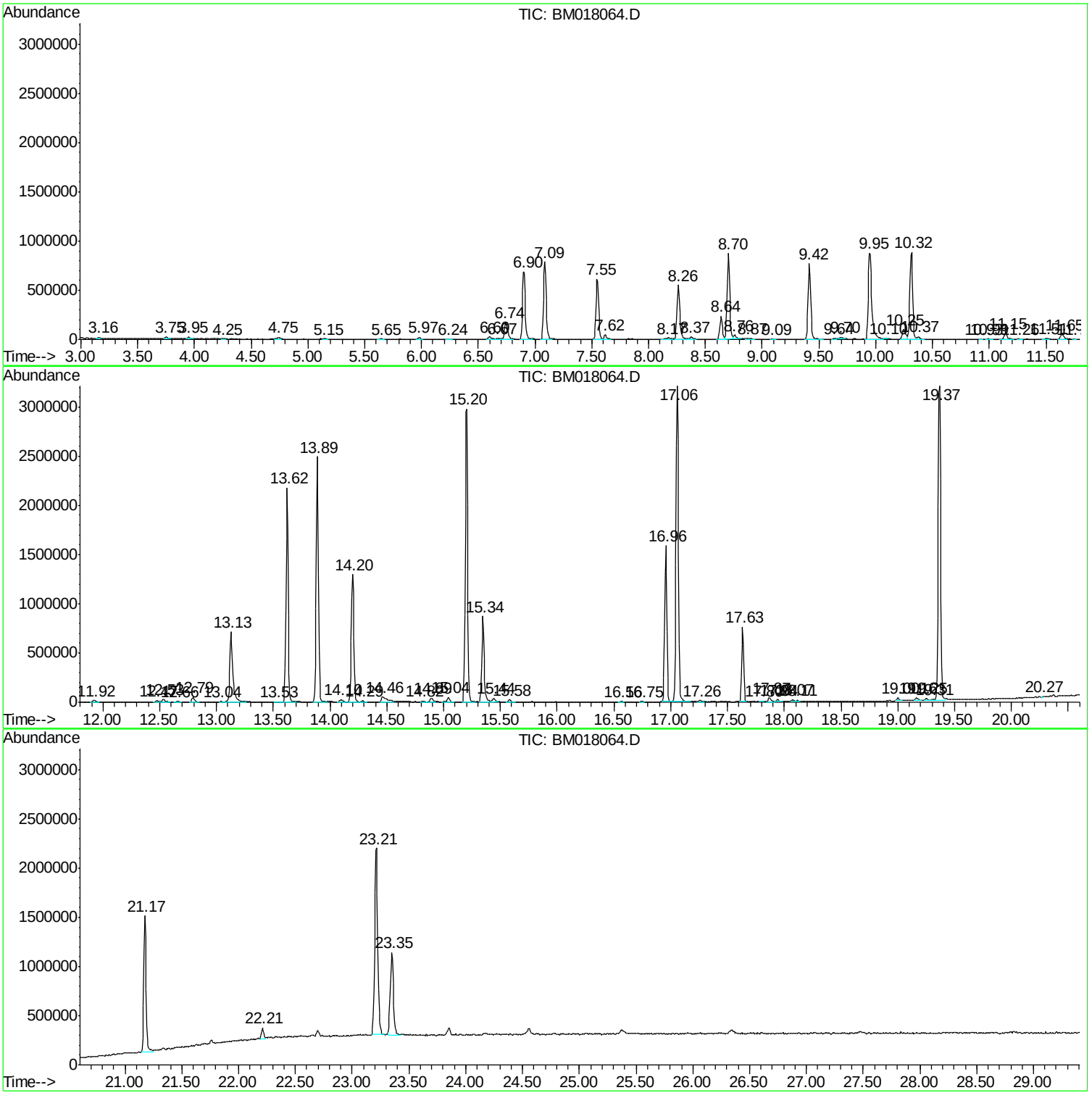
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018064.D
Acq On : 11 Dec 2018 19:12
Operator : JU/SJ
Sample : J6170-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018064.D
Acq On : 11 Dec 2018 19:12
Operator : JU/SJ
Sample : J6170-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

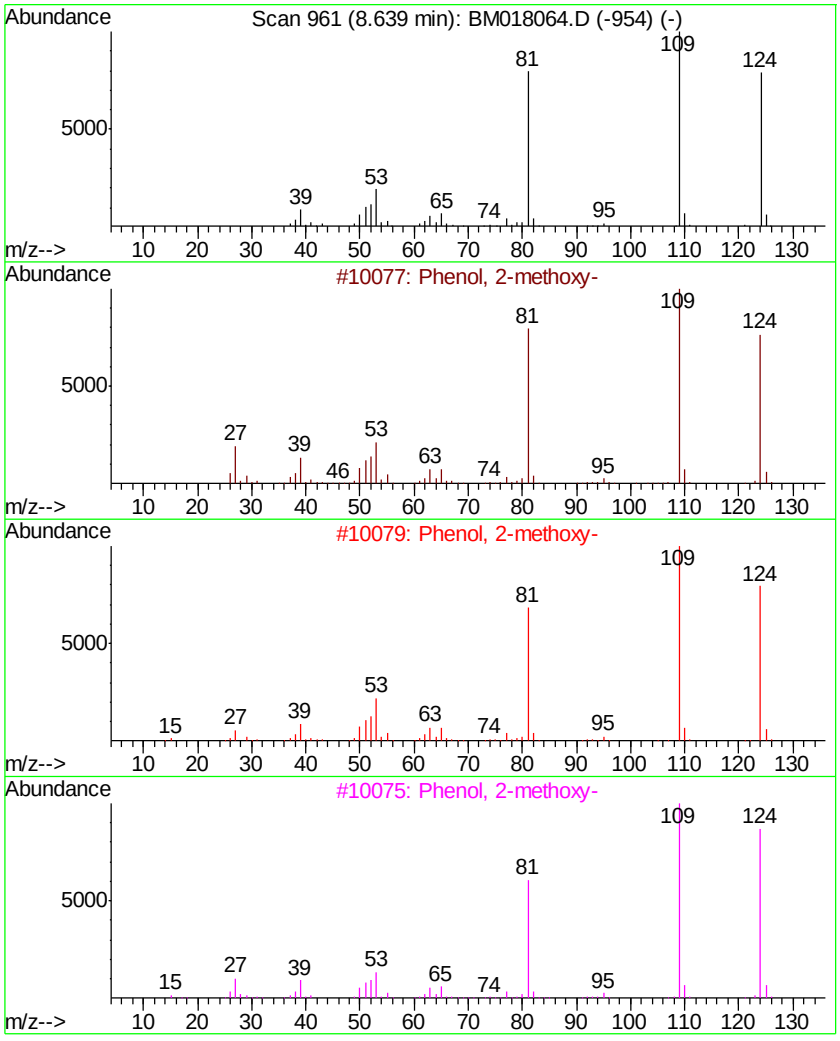
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

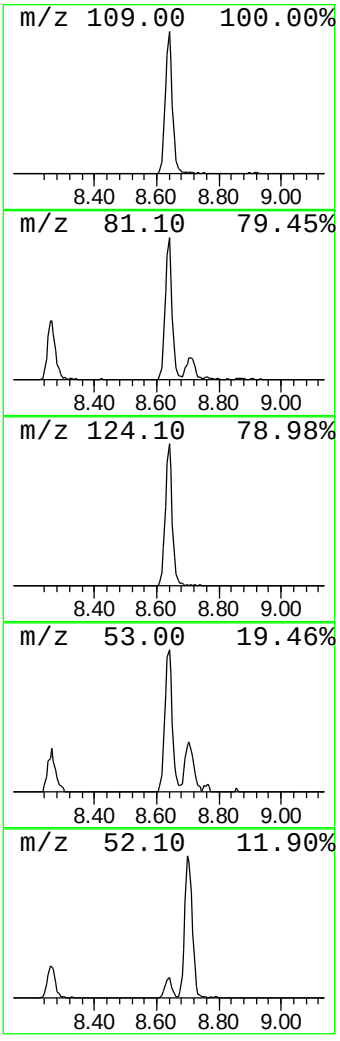
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	7.56 ng/ul	379596	1,4-Dichlorobenzene-d4	7.55

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	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Mequinol	124	C7H8O2	000150-76-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018064.D
Acq On : 11 Dec 2018 19:12
Operator : JU/SJ
Sample : J6170-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

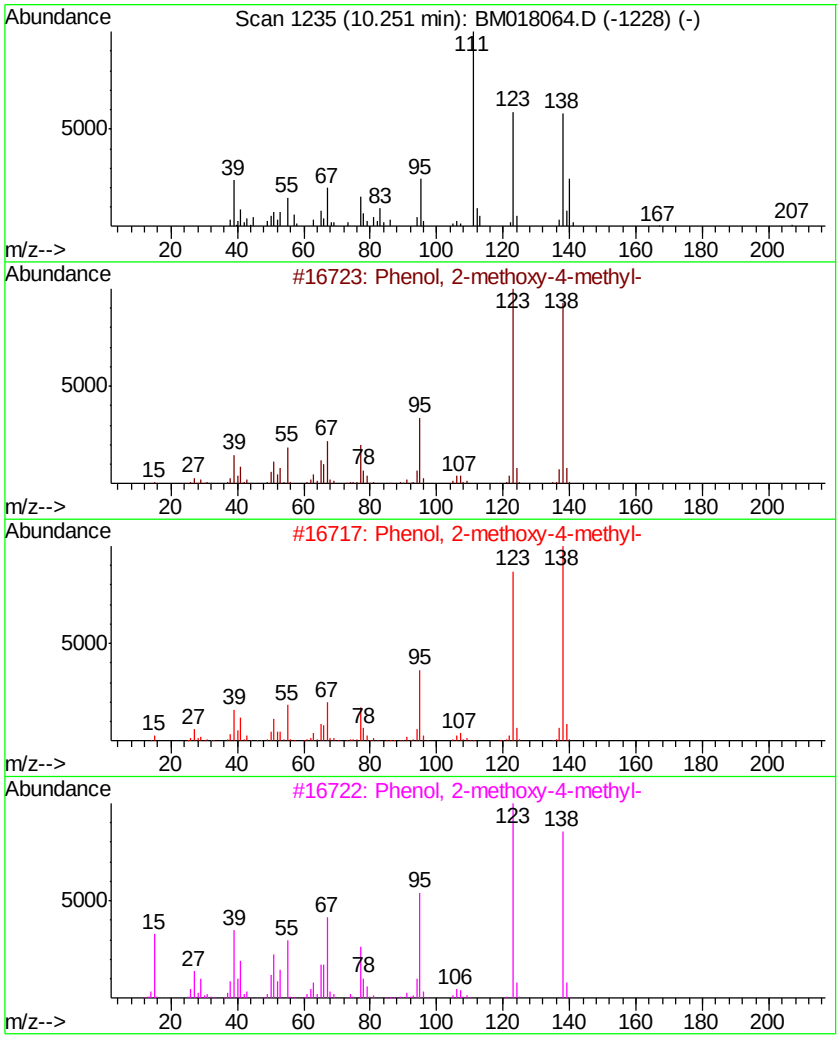
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

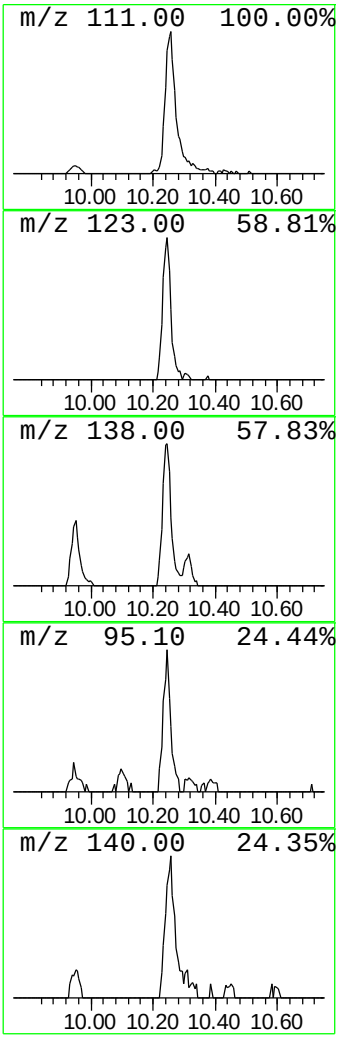
****

Peak Number 2 Phenol, 2-methoxy-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.81 ng/ul	212622	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	93
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	92
3	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	64
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	46
5	1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018064.D
Acq On : 11 Dec 2018 19:12
Operator : JU/SJ
Sample : J6170-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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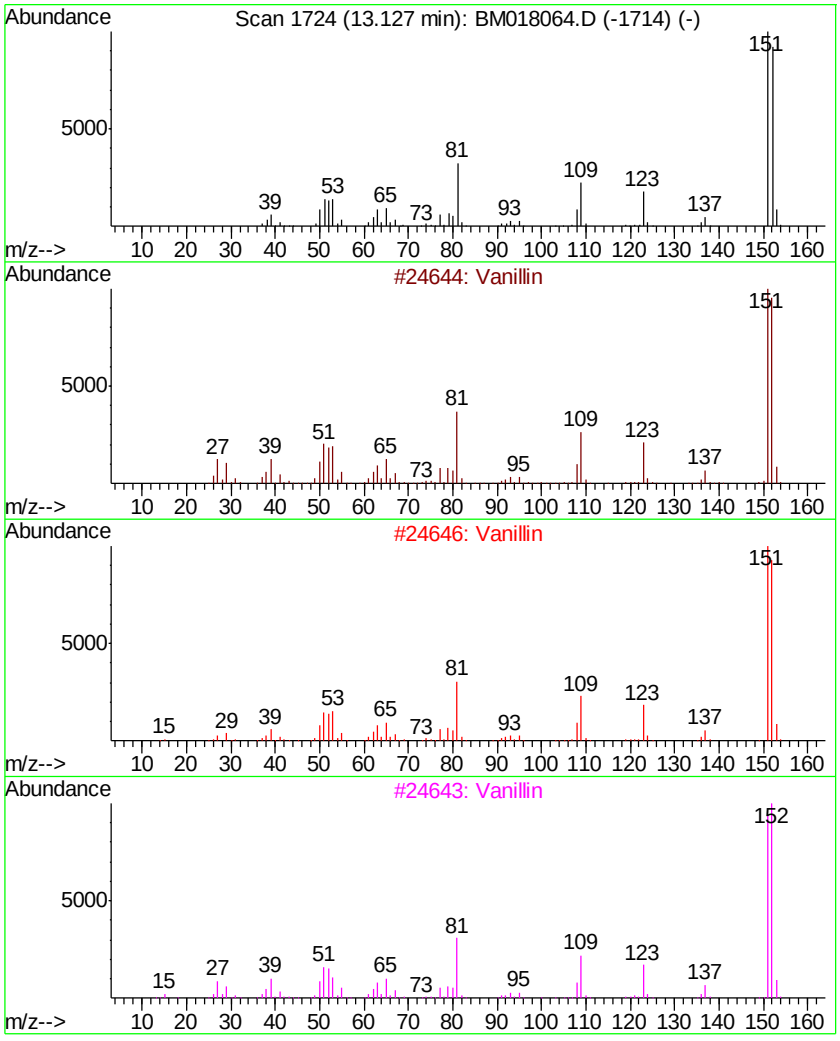
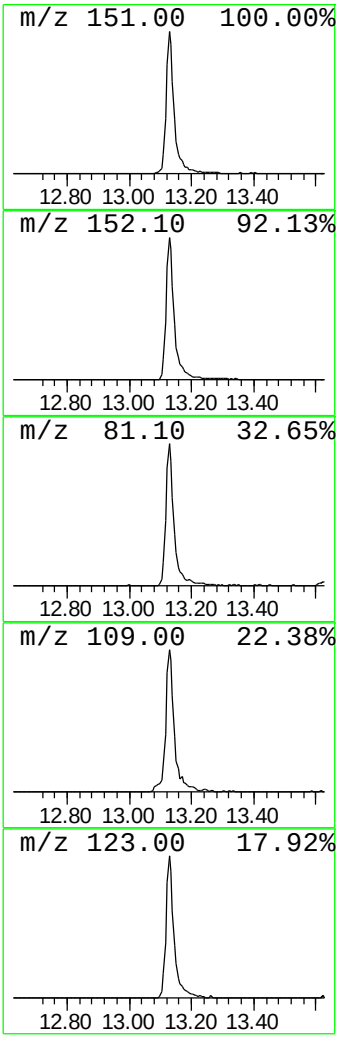
Peak Number 3 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	13.53 ng/ul	1325600	Acenaphthene-d10	14.20

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\BM121118\
Data File : BM018064.D
Acq On : 11 Dec 2018 19:12
Operator : JU/SJ
Sample : J6170-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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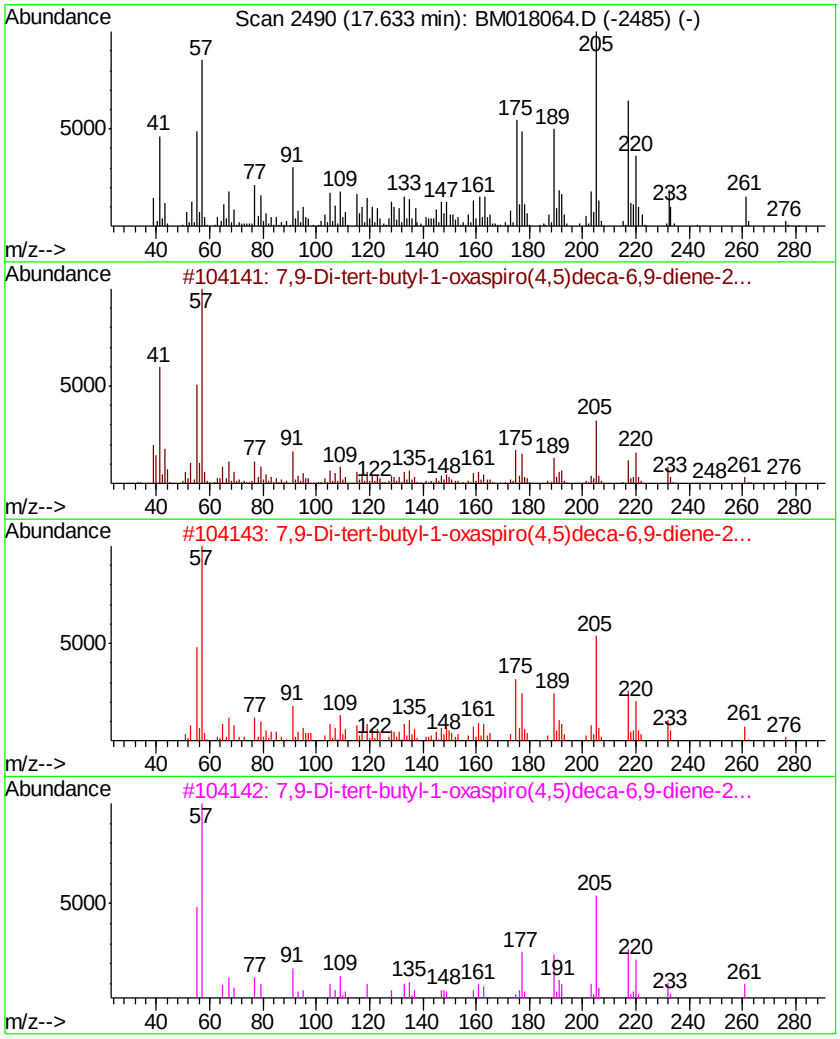
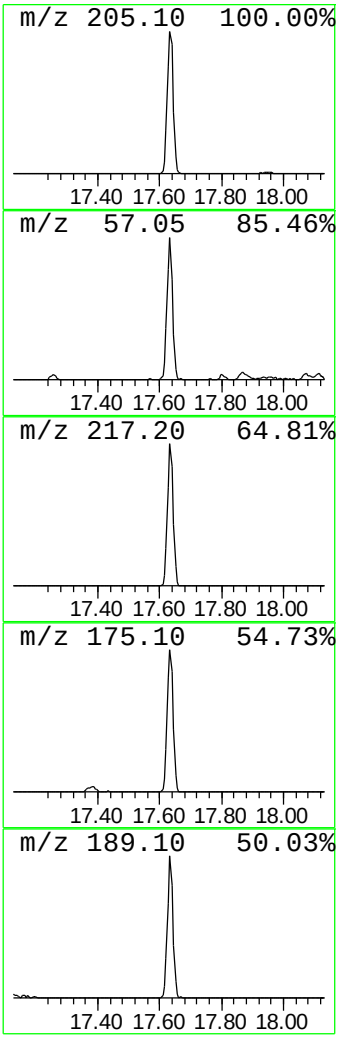
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	8.54 ng/ul	932523	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	53
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018064.D
Acq On : 11 Dec 2018 19:12
Operator : JU/SJ
Sample : J6170-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
Phenol, 2-methoxy-	8.64	7.6	ng/ul	379596	1	7.55	1004640	20.0
Phenol, 2-methoxy...	10.25	2.8	ng/ul	212622	2	10.32	1512660	20.0
Vanillin	13.13	13.5	ng/ul	1325600	3	14.20	1960190	20.0
7,9-Di-tert-butyl...	17.63	8.5	ng/ul	932523	4	16.96	2184340	20.0