LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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	3.751	125	130	137	rVB2	18599	29409	0.21%	0.046%
2	3.951	159	164	171	rBV6	18694	27918	0.20%	0.043%
3	4.740	290	298	309	rBV	121165	190336	1.34%	0.295%
4	5.975	504	508	515	rVB	19015	26236	0.18%	0.041%
5	6.598	608	614	622	rBV	27088	53977	0.38%	0.084%
6	6.681	622	628	632	rVV6	8136	18188	0.13%	0.028%
7	6.739	632	638	650	rVB	189527	362920	2.55%	0.563%
8	6.898	659	665	679	rBV	693444	1076448	7.57%	1.669%
9	7.087	690	697	710	rBV	791325	1268906	8.92%	1.968%
10	7.545	768	775	783	rBV	677771	1089753	7.66%	1.690%
11	7.616	783	787	796	rVB	44612	73887	0.52%	0.115%
12	8.175	874	882	888	rBV3	13213	32742	0.23%	0.051%
13	8.263	891	897	911	rVV	566221	1033547	7.27%	1.603%
14	8.375	911	916	924	rVB	21956	39633	0.28%	0.061%
15	8.639	954	961	966	rBV	229851	376040	2.64%	0.583%
16	8.704	966	972	978	rVV	864666	1440958	10.13%	2.235%
17	8.757	978	981	992	rVB	37912	75071	0.53%	0.116%
18	8.869	995	1000	1002	rBV4	10997	15990	0.11%	0.025%
19	9.416	1085	1093	1109	rBV	754516	1286743	9.05%	1.995%
20	9.645	1125	1132	1135	rBV5	8273	16339	0.11%	0.025%
21	9.692	1135	1140	1147	rVB7	18039	38676	0.27%	0.060%
22	9.945	1177	1183	1204	rBV	948981	1893732	13.31%	2.937%
23	10.245	1228	1234	1240	rBV4	92185	209973	1.48%	0.326%
24	10.316	1240	1246	1254	rVV	982230	1651764	11.61%	2.562%
25	10.375	1254	1256	1265	rVB3	20707	31559	0.22%	0.049%
26	11.139	1379	1386	1399	rBV4	56979	119721	0.84%	0.186%
27	11.504	1444	1448	1453	rBV3	13650	22564	0.16%	0.035%
28	11.639	1465	1471	1482	rBV3	54880	121991	0.86%	0.189%
29	11.922	1514	1519	1526	rBV3	15818	30427	0.21%	0.047%
30	12.474	1609	1613	1618	rBV4	13711	24052	0.17%	0.037%
31	12.533	1618	1623	1630	rVB3	25712	52018	0.37%	0.081%
32	12.792	1660	1667	1673	rBV2	60070	91819	0.65%	0.142%
33	13.127	1714	1724	1744	rBV	733280	1378282	9.69%	2.137%
34	13.621	1799	1808	1823	rBV	2108524	3001731	21.10%	4.655%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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	13.886	1846	1853	1864	rBV	2462928	3619860	25.45%	5.614%
36	13.980	1866	1869	1883	rVV6	7727	20187	0.14%	0.031%
37	14.098	1883	1889	1897	rVV2	21874	43540	0.31%	0.068%
38	14.198	1899	1906	1915	rVV2	1418281	2123620	14.93%	3.293%
39	14.286	1917	1921	1926	rVB2	15021	21036	0.15%	0.033%
40	14.463	1945	1951	1968	rBV3	60566	212944	1.50%	0.330%
41	14.892	2018	2024	2030	rBV2	41496	68932	0.48%	0.107%
42	15.045	2046	2050	2057	rVB2	54932	73626	0.52%	0.114%
43	15.204	2070	2077	2091	rBV	3003814	4467202	31.40%	6.928%
44	15.345	2095	2101	2112	rVV	820880	1256379	8.83%	1.948%
45	15.439	2112	2117	2123	rVB3	38491	77447	0.54%	0.120%
46	15.580	2133	2141	2149	rVB2	24662	36900	0.26%	0.057%
47	16.492	2289	2296	2305	rBV2	59472	135857	0.96%	0.211%
48	16.956	2365	2375	2385	rBV	1705530	2365784	16.63%	3.669%
49	17.056	2385	2392	2404	rBV	3350003	4666968	32.81%	7.237%
50	17.256	2421	2426	2429	rBV	16763	20875	0.15%	0.032%
51	17.633	2484	2490	2497	rVB	663250	804751	5.66%	1.248%
52	17.868	2524	2530	2538	rBV5	33618	55108	0.39%	0.085%
53	17.939	2538	2542	2550	rVV	20713	38549	0.27%	0.060%
54	18.021	2552	2556	2562	rVV4	15047	33264	0.23%	0.052%
55	18.068	2562	2564	2569	rVV3	23933	35278	0.25%	0.055%
56	18.109	2569	2571	2577	rVB4	14487	16325	0.11%	0.025%
57	18.998	2717	2722	2727	rBV	27876	46363	0.33%	0.072%
58	19.162	2746	2750	2755	rBV7	29660	42349	0.30%	0.066%
59	19.250	2761	2765	2771	rVB	24707	31051	0.22%	0.048%
60	19.321	2772	2777	2780	rBV	187797	265362	1.87%	0.412%
61	19.368	2780	2785	2800	rVB	3345479	4729578	33.25%	7.335%
62	20.321	2938	2947	2961	rBV	10063176	14224566	100.00%	22.059%
63	20.427	2961	2965	2971	rVB2	99550	136664	0.96%	0.212%
64	21.174	3087	3092	3100	rBV	1568719	2065415	14.52%	3.203%
65	23.209	3432	3438	3452	rVB	1969343	3700016	26.01%	5.738%
66	23.350	3455	3462	3472	rVB	949104	1844431	12.97%	2.860%

Sum of corrected areas: 64483577

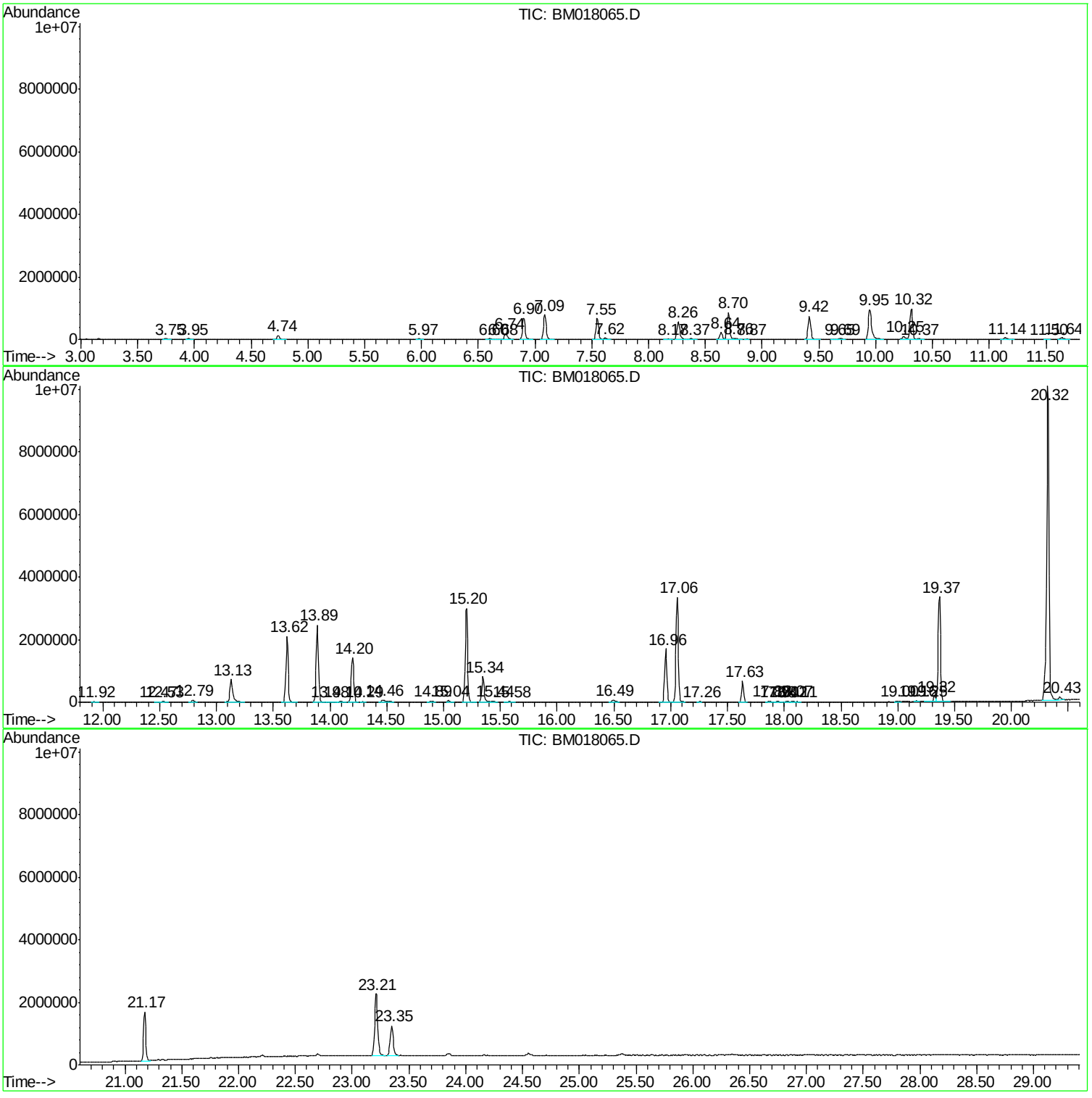
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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

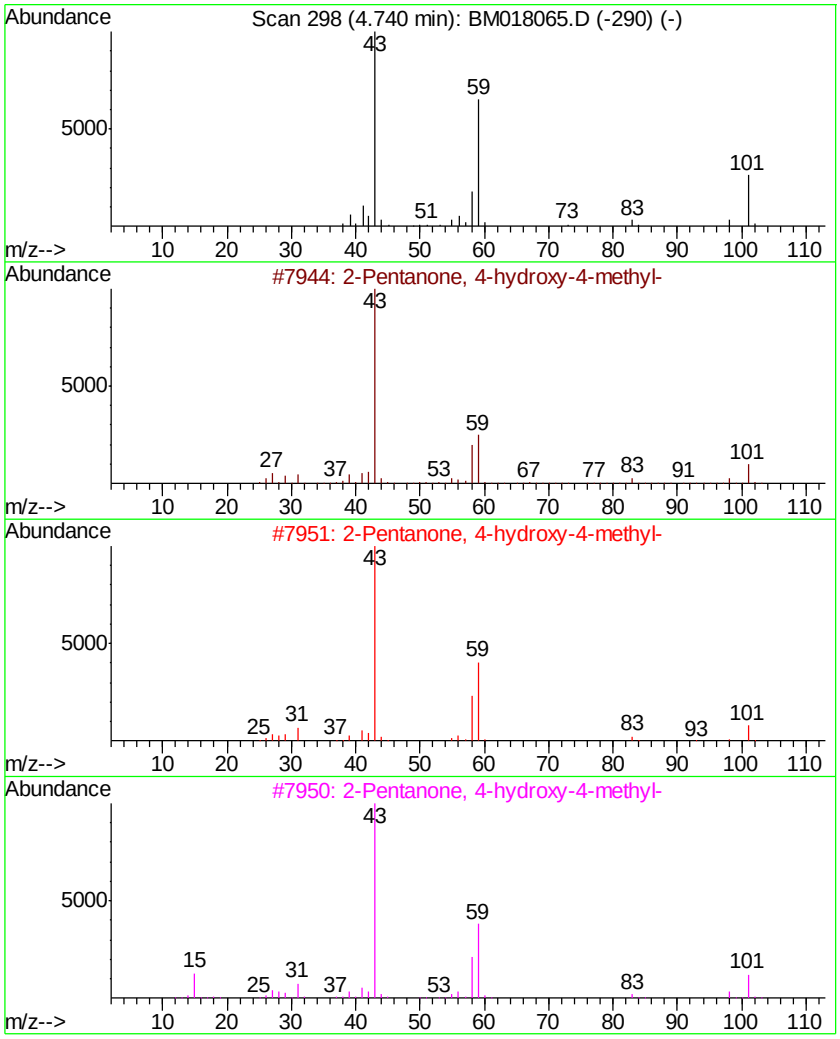
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

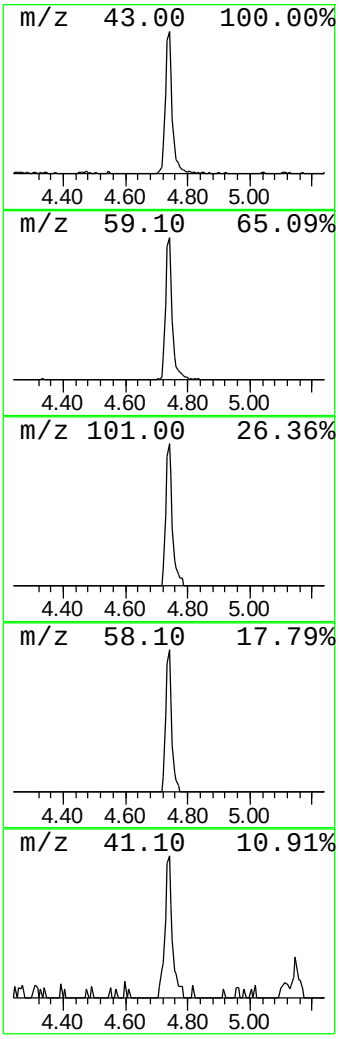
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	3.49 ng/ul	190336	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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

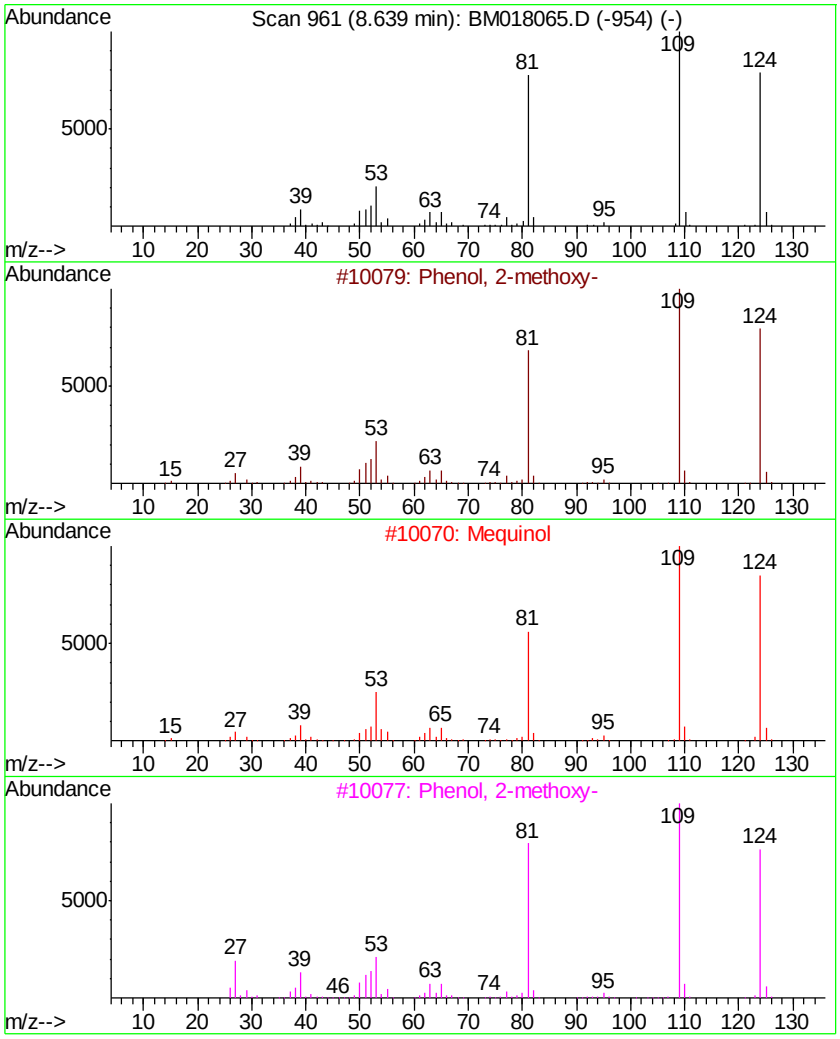
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

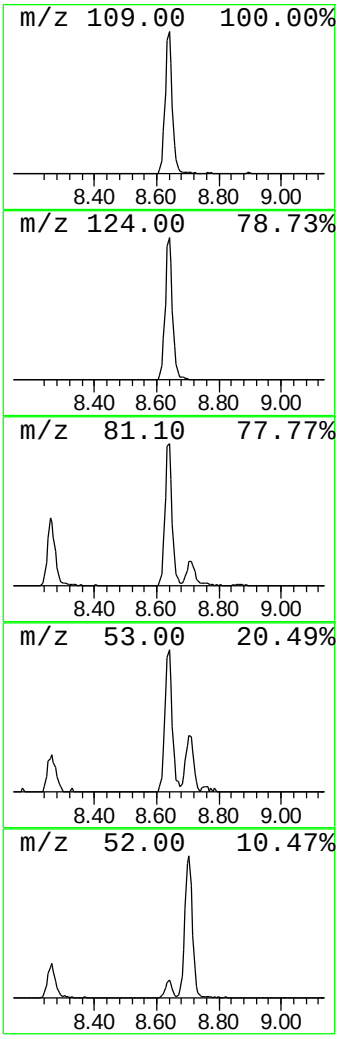
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	6.90 ng/ul	376040	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Mequinol	124	C7H8O2	000150-76-5	92
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	80
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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

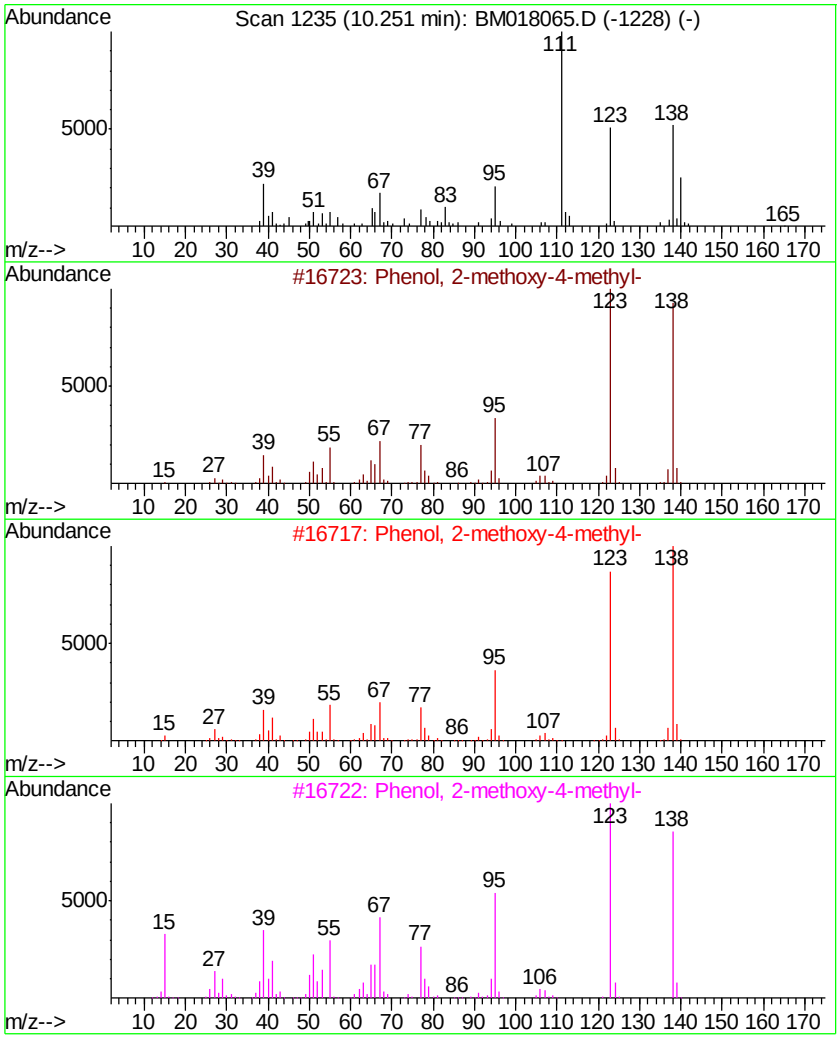
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

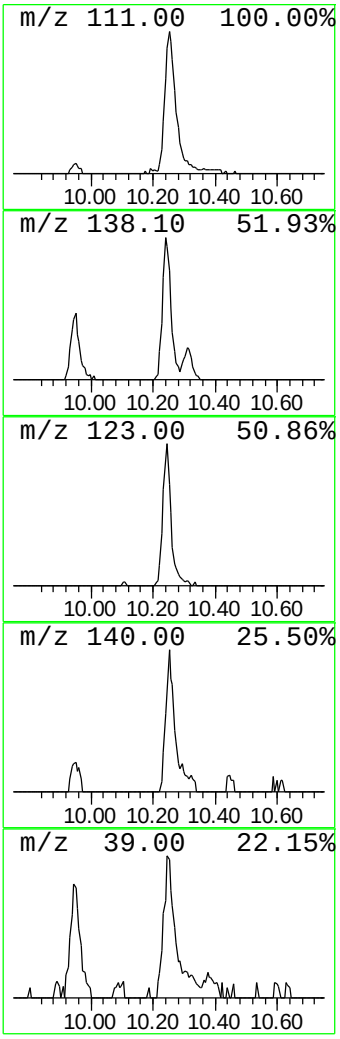
****

Peak Number 3 Phenol, 2-methoxy-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.54 ng/ul	209973	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	92
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	90
3	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	60
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	58
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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

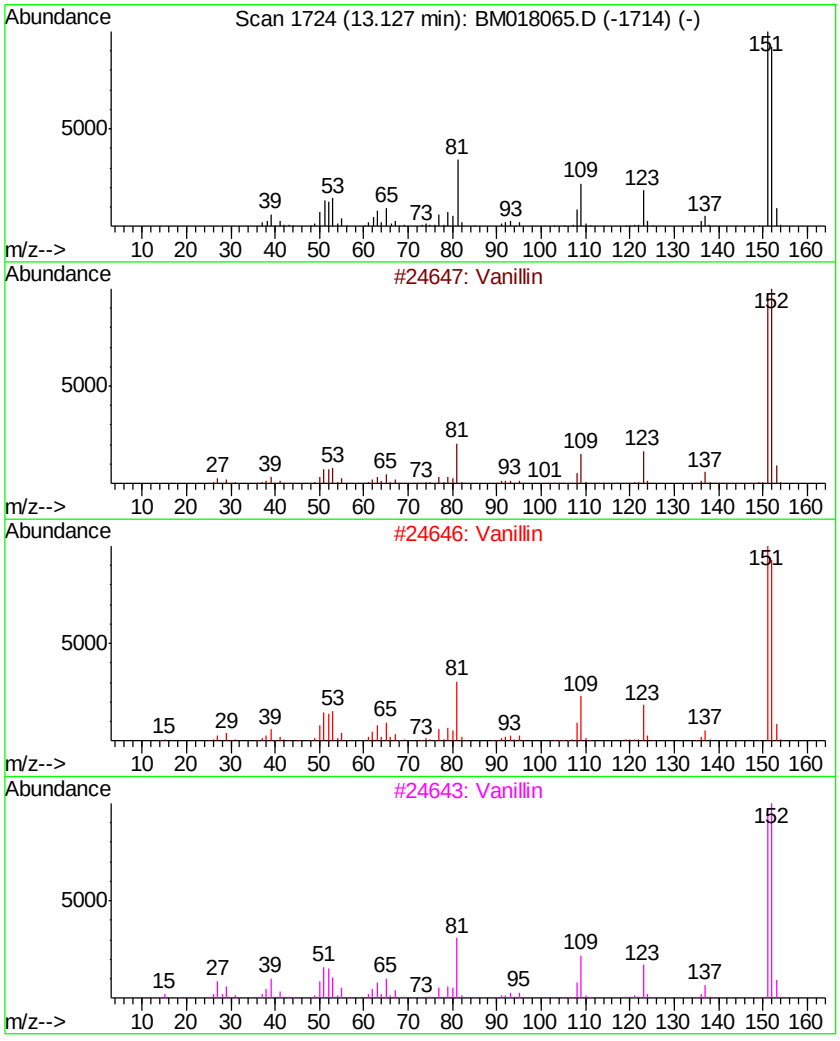
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

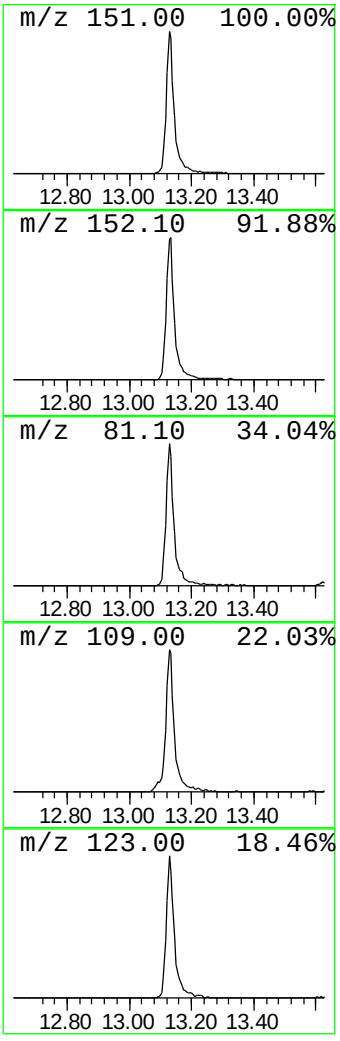
****

Peak Number 4 Vanillin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	12.98 ng/ul	1378280	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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

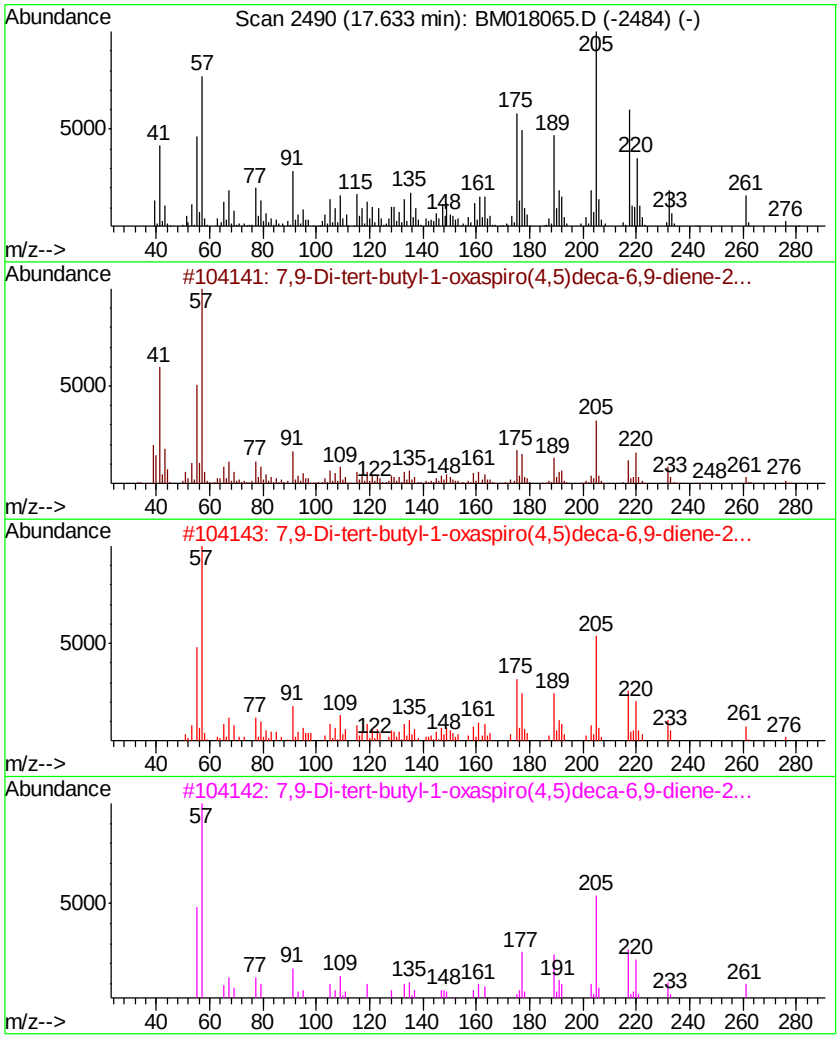
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

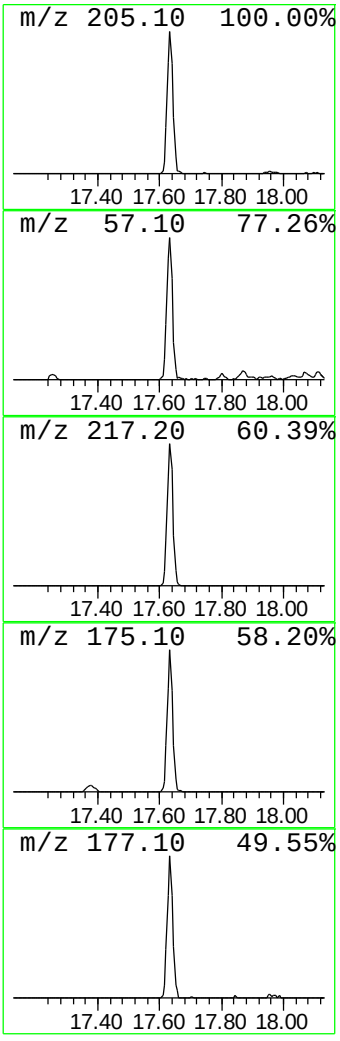
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	6.80 ng/ul	804751	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	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	64
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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

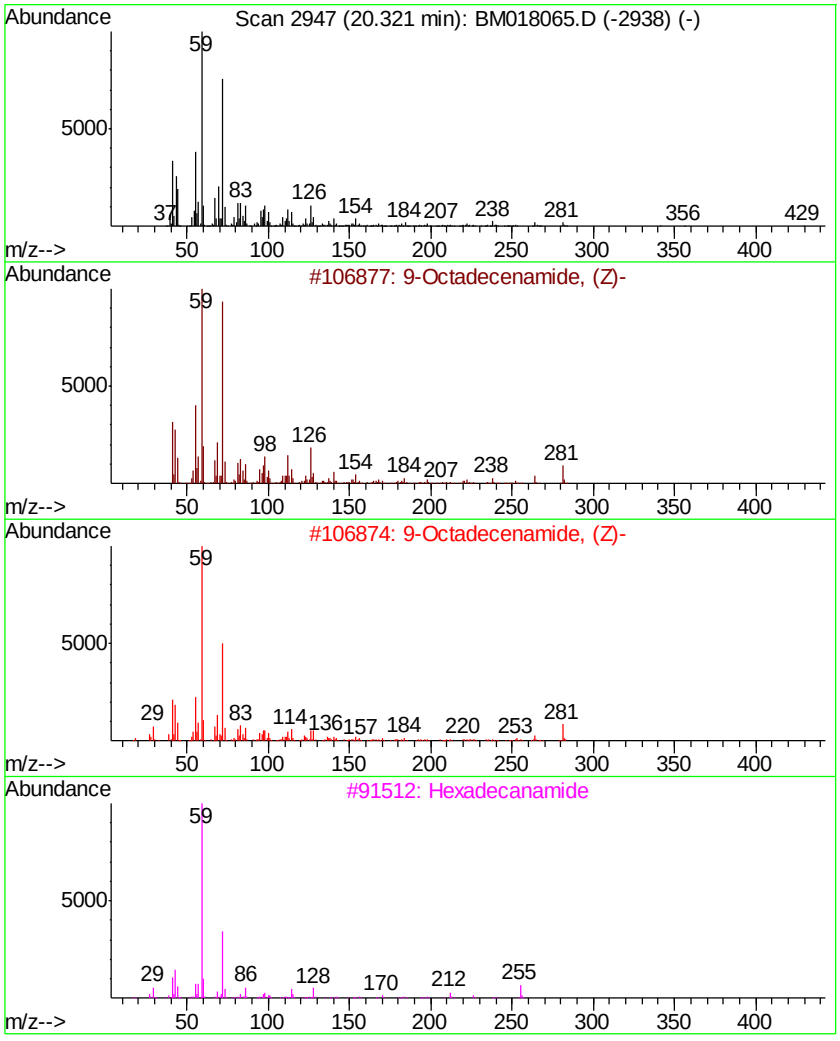
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

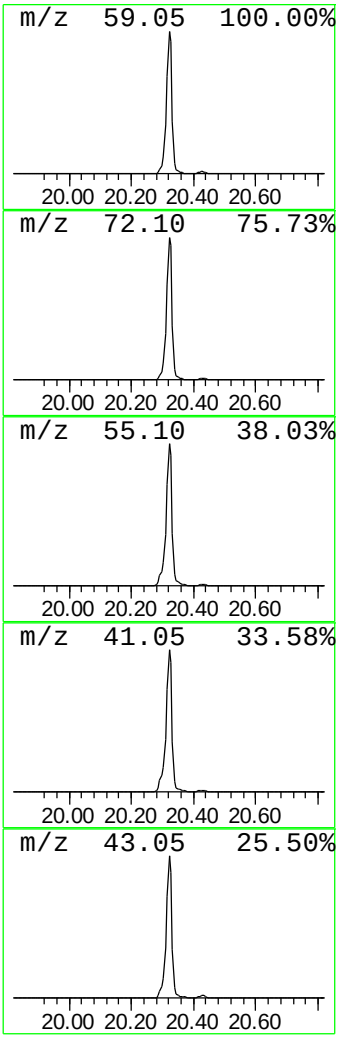
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	137.74 ng/ul	14224600	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
3	Hexadecanamide	255	C16H33NO	000629-54-9	53
4	Octanamide	143	C8H17NO	000629-01-6	47
5	Hexadecanamide	255	C16H33NO	000629-54-9	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018065.D
Acq On : 11 Dec 2018 19:48
Operator : JU/SJ
Sample : J6170-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9M16

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
2-Pentanone, 4-hy...	4.74	3.5	ng/ul	190336	1	7.55	1089750	20.0
Phenol, 2-methoxy-	8.64	6.9	ng/ul	376040	1	7.55	1089750	20.0
Phenol, 2-methoxy...	10.25	2.5	ng/ul	209973	2	10.32	1651760	20.0
Vanillin	13.13	13.0	ng/ul	1378280	3	14.20	2123620	20.0
7,9-Di-tert-butyl...	17.63	6.8	ng/ul	804751	4	16.96	2365780	20.0
9-Octadecenamide,...	20.32	137.7	ng/ul	14224600	5	21.17	2065420	20.0