LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019347.D
Acq On : 23 Mar 2019 12:09
Operator : JU/SJ
Sample : K2027-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0990

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-BM032219MA.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	3.152	25	28	36	rVB2	25989	39868	1.10%	0.126%
2	3.758	126	131	136	rVB4	10064	17012	0.47%	0.054%
3	4.222	207	210	215	rBV5	5001	8553	0.24%	0.027%
4	5.505	425	428	430	rBV3	3301	4582	0.13%	0.014%
5	6.734	635	637	642	rVB4	3401	4584	0.13%	0.014%
6	6.799	642	648	661	rBV	103923	228735	6.29%	0.721%
7	6.963	670	676	690	rBV	380412	693594	19.08%	2.188%
8	7.146	700	707	723	rVV	444334	770387	21.19%	2.430%
9	7.610	779	786	804	rBV	451602	855254	23.53%	2.698%
10	7.963	842	846	850	rBV3	8209	12701	0.35%	0.040%
11	8.328	902	908	925	rBV	295302	559952	15.40%	1.766%
12	8.463	927	931	935	rVB3	6264	10651	0.29%	0.034%
13	8.710	968	973	979	rBV	73036	121674	3.35%	0.384%
14	8.781	979	985	994	rVV	478572	822461	22.63%	2.594%
15	8.851	994	997	1006	rVV4	16476	39666	1.09%	0.125%
16	8.928	1007	1010	1018	rVB6	9906	18323	0.50%	0.058%
17	9.116	1038	1042	1047	rBV3	9752	14083	0.39%	0.044%
18	9.493	1100	1106	1118	rBV	366636	669921	18.43%	2.113%
19	10.028	1191	1197	1223	rBV	415490	992876	27.32%	3.132%
20	10.257	1233	1236	1242	rVB5	3378	4553	0.13%	0.014%
21	10.392	1253	1259	1268	rVV	651903	1099316	30.24%	3.467%
22	10.457	1268	1270	1276	rVB4	11141	19143	0.53%	0.060%
23	11.598	1460	1464	1469	rBV3	12905	18027	0.50%	0.057%
24	11.728	1480	1486	1496	rBV2	42744	97503	2.68%	0.308%
25	12.016	1530	1535	1540	rBV2	6377	12919	0.36%	0.041%
26	12.051	1540	1541	1548	rVB4	2168	3896	0.11%	0.012%
27	13.110	1718	1721	1725	rVB	3276	4237	0.12%	0.013%
28	13.216	1733	1739	1760	rBV2	108255	289421	7.96%	0.913%
29	13.633	1806	1810	1813	rBV4	3307	3982	0.11%	0.013%
30	13.692	1813	1820	1834	rBV	1133997	1706571	46.95%	5.383%
31	13.963	1860	1866	1878	rBV	1375967	2010368	55.31%	6.341%
32	14.186	1900	1904	1909	rBV3	2879	4126	0.11%	0.013%
33	14.269	1912	1918	1929	rVV2	971340	1475706	40.60%	4.654%
34	14.357	1929	1933	1940	rVB2	10193	14401	0.40%	0.045%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C0990

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-BM032219MA.M
Title : SVOA CALIBRATION

35	14.551	1961	1966	1974	rBV3	18243	48929	1.35%	0.154%
36	14.957	2028	2035	2042	rBV	18861	29366	0.81%	0.093%
37	15.269	2082	2088	2104	rBV	1775151	2575649	70.86%	8.124%
38	15.410	2107	2112	2126	rVV	419887	675593	18.59%	2.131%
39	15.516	2126	2130	2135	rVV3	20594	32638	0.90%	0.103%
40	15.563	2135	2138	2141	rVB2	3157	3667	0.10%	0.012%
41	15.657	2149	2154	2158	rBV4	4251	7922	0.22%	0.025%
42	16.063	2218	2223	2226	rBV2	5401	7343	0.20%	0.023%
43	16.827	2349	2353	2358	rVB5	3778	5505	0.15%	0.017%
44	17.027	2381	2387	2398	rBV	1194742	1655864	45.55%	5.223%
45	17.127	2398	2404	2420	rBV	1832827	2735045	75.24%	8.627%
46	17.692	2495	2500	2507	rBV	274989	317548	8.74%	1.002%
47	17.998	2550	2552	2558	rBV4	3111	5319	0.15%	0.017%
48	18.327	2604	2608	2610	rBV2	3024	4084	0.11%	0.013%
49	19.074	2731	2735	2739	rBV2	13036	17844	0.49%	0.056%
50	19.321	2773	2777	2783	rBV	12832	17098	0.47%	0.054%
51	19.433	2789	2796	2811	rBV	2318290	3162537	87.01%	9.975%
52	21.233	3097	3102	3113	rBV	1366029	1951678	53.69%	6.156%
53	22.251	3272	3275	3279	rBV2	65649	77424	2.13%	0.244%
54	22.750	3357	3360	3367	rVB2	96750	133658	3.68%	0.422%
55	23.309	3448	3455	3466	rBV	2074505	3634878	100.00%	11.465%
56	23.450	3473	3479	3489	rVB	1038067	1956406	53.82%	6.171%

Sum of corrected areas: 31705041

LSC Report - Integrated Chromatogram

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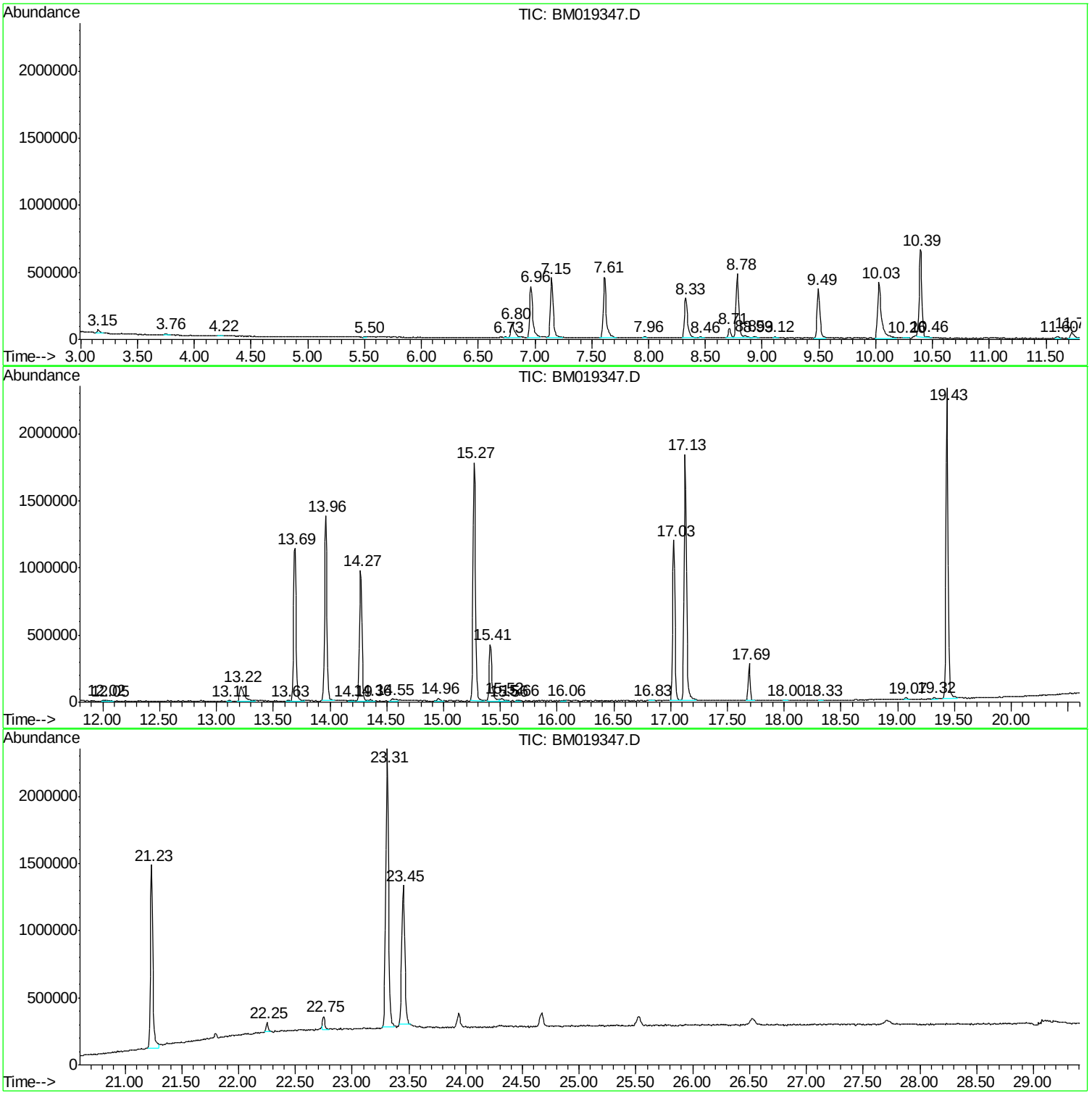
Operator : JU/SJ
Sample : K2027-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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\BM032319\
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Instrument : BNA_M
ClientSampleId : C0990

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Quant Title : SVOA CALIBRATION

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

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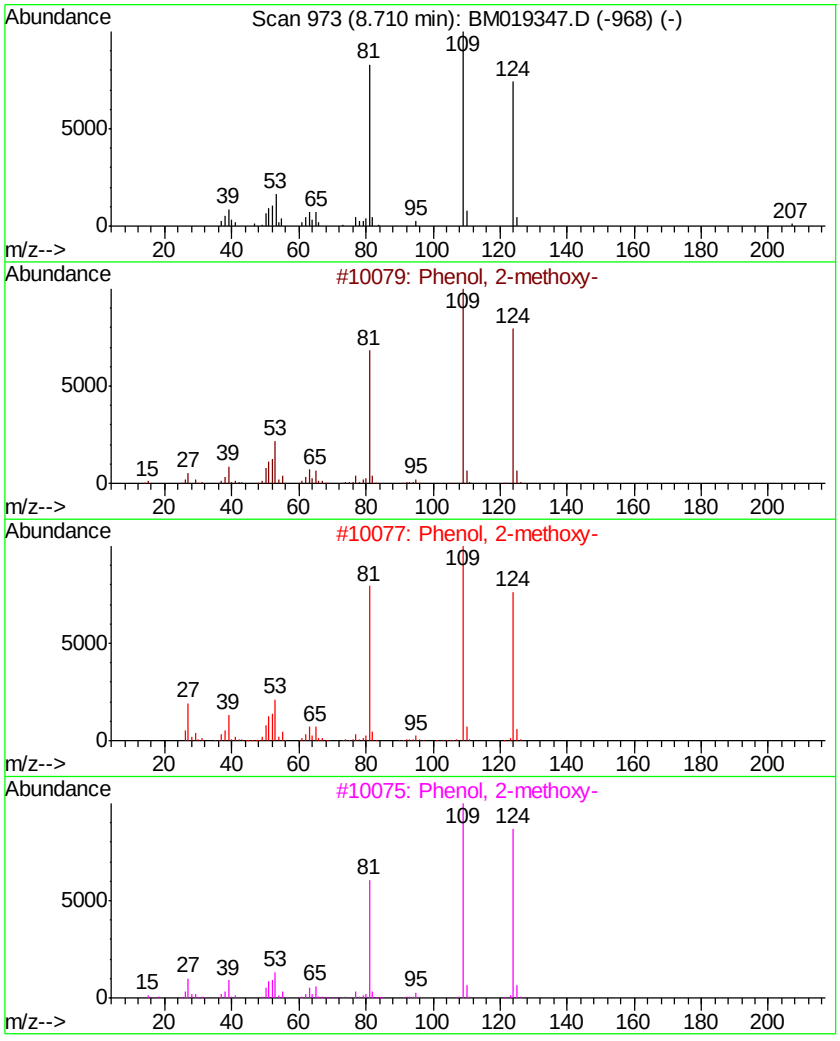
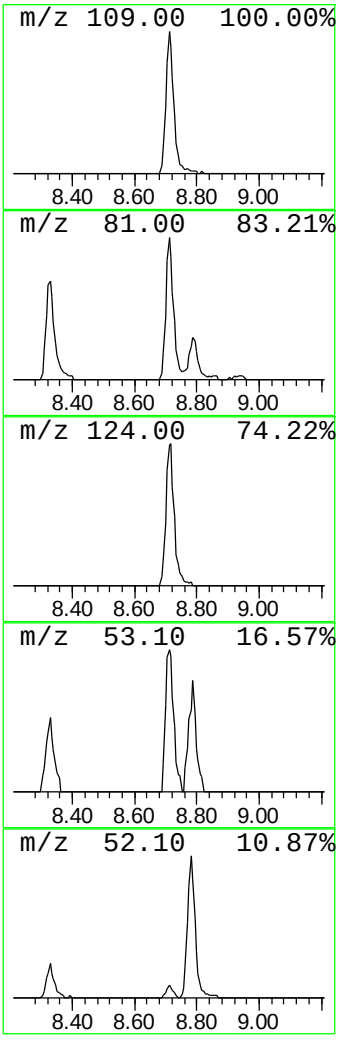
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.85 ng/ul	121674	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Mequinol	124	C7H8O2	000150-76-5	90





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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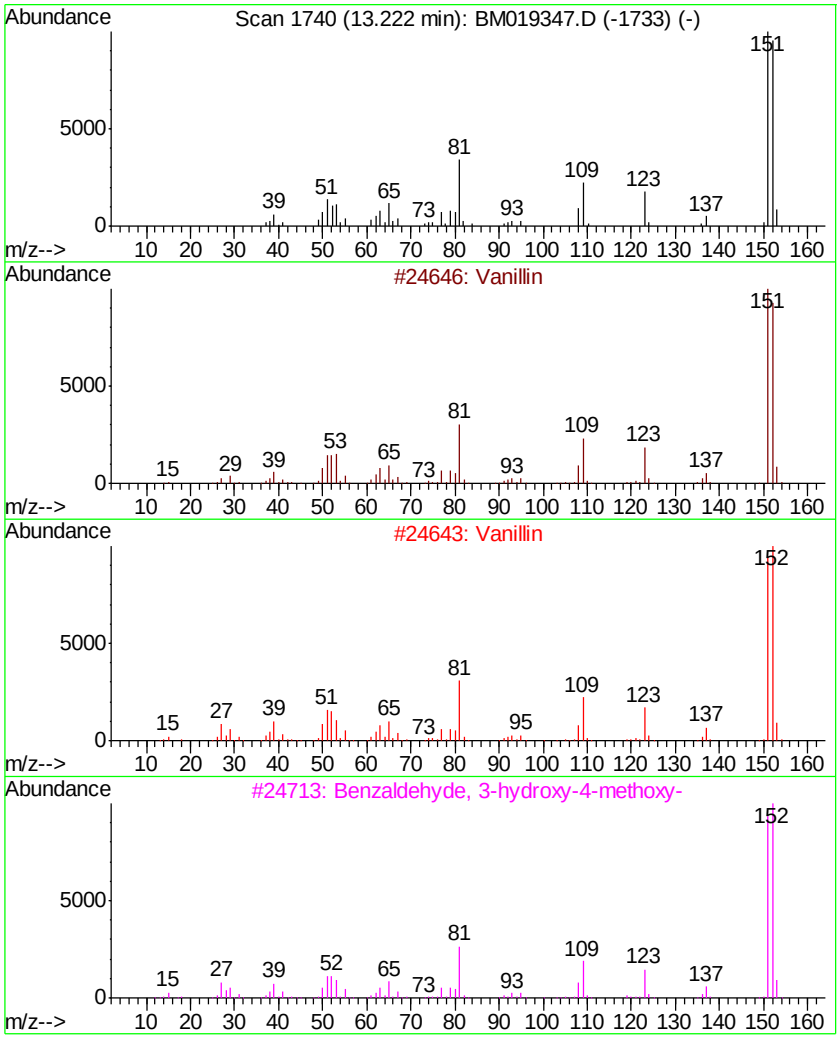
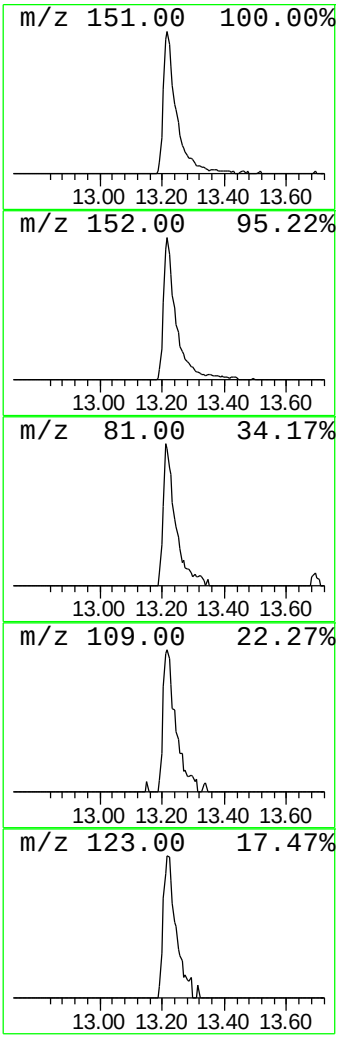
Peak Number 2 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.92 ng/ul	289421	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	96
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Vanillin	152	C8H8O3	000121-33-5	95





Library Search Compound Report

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Operator : JU/SJ
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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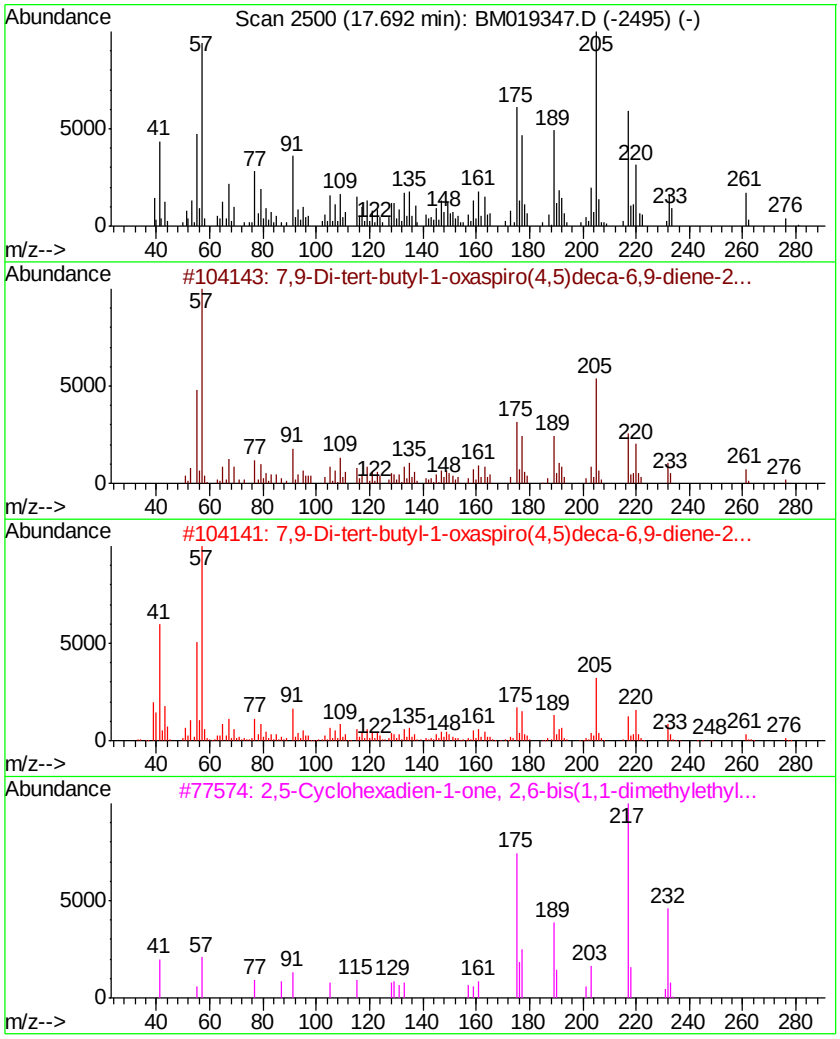
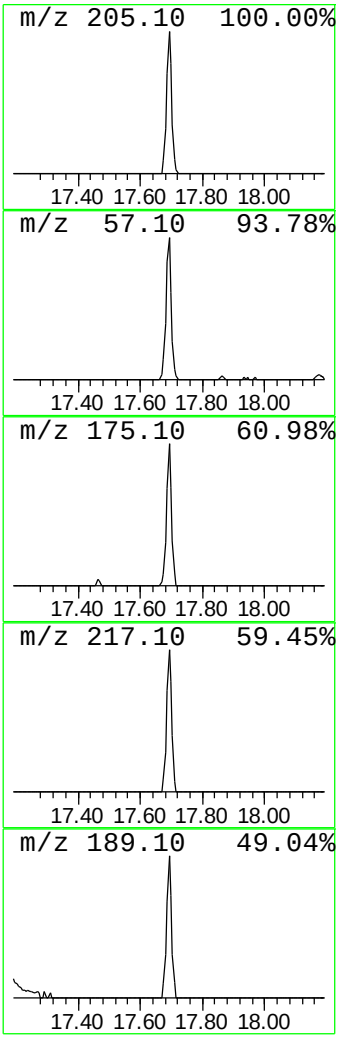
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	3.84 ng/ul	317548	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	83
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-methoxy-	8.71	2.9	ng/ul	121674	1	7.61	855254	20.0
Vanillin	13.22	3.9	ng/ul	289421	3	14.27	1475710	20.0
7,9-Di-tert-butyl...	17.69	3.8	ng/ul	317548	4	17.03	1655860	20.0