LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017437.D
Acq On : 31 Oct 2018 19:36
Operator : MJ/SJ
Sample : J5701-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40C1

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-BM102418MA.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	3.222	36	40	45	rBV	42834	56409	0.86%	0.089%
2	3.828	137	143	150	rVV4	14603	25311	0.38%	0.040%
3	3.917	153	158	163	rVB6	5642	11172	0.17%	0.018%
4	4.275	215	219	224	rBV3	22522	30435	0.46%	0.048%
5	4.746	294	299	301	rBV5	5625	7655	0.12%	0.012%
6	5.199	372	376	380	rBV5	6666	11121	0.17%	0.018%
7	5.728	460	466	477	rBV	481967	741552	11.25%	1.169%
8	6.669	621	626	632	rVB2	16223	30606	0.46%	0.048%
9	6.763	638	642	645	rBV3	10299	14689	0.22%	0.023%
10	6.828	645	653	665	rVB	204568	396840	6.02%	0.626%
11	6.993	675	681	692	rVB	680996	1047049	15.88%	1.651%
12	7.181	705	713	723	rBV	724475	1149816	17.44%	1.813%
13	7.646	785	792	799	rBV	695591	1102726	16.72%	1.739%
14	7.710	799	803	814	rVB2	55589	102314	1.55%	0.161%
15	7.910	832	837	839	rBV3	5664	6811	0.10%	0.011%
16	8.269	892	898	904	rVB7	6716	16008	0.24%	0.025%
17	8.352	906	912	923	rVV	591555	998670	15.15%	1.575%
18	8.469	927	932	938	rVB	23727	40210	0.61%	0.063%
19	8.734	970	977	982	rBV	131070	216560	3.28%	0.341%
20	8.799	982	988	996	rVV	878735	1447122	21.95%	2.282%
21	8.857	996	998	1001	rVB4	7349	8040	0.12%	0.013%
22	8.957	1012	1015	1025	rVB9	12153	23160	0.35%	0.037%
23	9.381	1082	1087	1090	rBV4	12816	18184	0.28%	0.029%
24	9.510	1103	1109	1120	rBV	721928	1239461	18.80%	1.954%
25	9.687	1131	1139	1148	rVV3	67890	171479	2.60%	0.270%
26	9.769	1148	1153	1161	rVB6	16216	31007	0.47%	0.049%
27	9.934	1171	1181	1188	rBV	23453	50779	0.77%	0.080%
28	10.046	1193	1200	1223	rBV	894405	1798380	27.27%	2.836%
29	10.204	1223	1227	1237	rVB7	18636	42589	0.65%	0.067%
30	10.340	1245	1250	1256	rBV3	56021	98831	1.50%	0.156%
31	10.416	1256	1263	1271	rVV	1150710	1897772	28.78%	2.992%
32	10.487	1271	1275	1280	rVB6	13673	20234	0.31%	0.032%
33	10.575	1285	1290	1299	rVB	41448	80246	1.22%	0.127%
34	10.734	1314	1317	1322	rVB5	5301	7404	0.11%	0.012%

LSC Area Percent Report

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Operator : MJ/SJ
Sample : J5701-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40C1

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-BM102418MA.M
Title : SVOA CALIBRATION

35	10.981	1353	1359	1364	rBV4	4812	7685	0.12%	0.012%
36	11.028	1364	1367	1373	rBV4	4010	6716	0.10%	0.011%
37	11.228	1392	1401	1409	rBV2	67871	133090	2.02%	0.210%
38	11.604	1460	1465	1469	rBV4	8027	11160	0.17%	0.018%
39	11.728	1480	1486	1497	rBV	67820	161823	2.45%	0.255%
40	11.934	1517	1521	1526	rBV5	4195	6953	0.11%	0.011%
41	12.016	1528	1535	1541	rBV2	20819	34067	0.52%	0.054%
42	12.569	1623	1629	1634	rBV7	18712	37271	0.57%	0.059%
43	12.634	1634	1640	1647	rVB2	49396	83963	1.27%	0.132%
44	12.751	1656	1660	1664	rVB3	6126	7168	0.11%	0.011%
45	12.887	1678	1683	1689	rBV	125785	183231	2.78%	0.289%
46	13.045	1705	1710	1712	rBV3	4546	7580	0.11%	0.012%
47	13.128	1719	1724	1729	rBV	59852	87538	1.33%	0.138%
48	13.222	1729	1740	1758	rVV	191771	461546	7.00%	0.728%
49	13.704	1815	1822	1841	rBV	2138636	3227189	48.94%	5.089%
50	13.981	1859	1869	1886	rBV	2431527	3880962	58.86%	6.119%
51	14.092	1886	1888	1893	rVB4	5621	6783	0.10%	0.011%
52	14.175	1899	1902	1906	rBV6	5862	9115	0.14%	0.014%
53	14.286	1914	1921	1932	rBV2	1652029	2613855	39.64%	4.121%
54	14.375	1932	1936	1940	rVB4	31438	43999	0.67%	0.069%
55	14.551	1958	1966	1982	rBV2	60959	236673	3.59%	0.373%
56	14.728	1992	1996	2003	rVB6	7048	16480	0.25%	0.026%
57	14.898	2022	2025	2029	rVB3	8380	11442	0.17%	0.018%
58	14.975	2032	2038	2043	rBV	51850	81075	1.23%	0.128%
59	15.098	2055	2059	2061	rBV3	9231	14253	0.22%	0.022%
60	15.128	2061	2064	2069	rVB	19688	25801	0.39%	0.041%
61	15.286	2084	2091	2107	rBV	3615289	5367636	81.40%	8.464%
62	15.416	2107	2113	2127	rVV	911181	1542603	23.39%	2.432%
63	15.528	2127	2132	2137	rVV	52241	90080	1.37%	0.142%
64	15.575	2137	2140	2144	rVB6	8248	10809	0.16%	0.017%
65	15.663	2150	2155	2161	rBV3	16614	30283	0.46%	0.048%
66	16.316	2261	2266	2271	rBV3	5852	11782	0.18%	0.019%
67	16.639	2316	2321	2324	rBV4	7040	8651	0.13%	0.014%
68	16.827	2349	2353	2358	rVB3	9398	14312	0.22%	0.023%
69	17.039	2380	2389	2399	rBV2	2267914	3278345	49.72%	5.169%
70	17.139	2399	2406	2423	rVB2	3725519	5516568	83.66%	8.698%
71	17.333	2437	2439	2442	rBV2	6937	8076	0.12%	0.013%

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Instrument : BNA_M
ClientSampleId : A40C1

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

72	17.716	2499	2504	2511	rVB	681305	828150	12.56%	1.306%
73	17.945	2539	2543	2548	rBV4	30166	43467	0.66%	0.069%
74	18.021	2553	2556	2557	rBV	11816	10037	0.15%	0.016%
75	18.151	2574	2578	2582	rVV5	7866	12286	0.19%	0.019%
76	18.192	2583	2585	2589	rVB3	8643	9274	0.14%	0.015%
77	19.074	2731	2735	2742	rBV	46442	69257	1.05%	0.109%
78	19.239	2759	2763	2768	rBV7	24434	35125	0.53%	0.055%
79	19.327	2774	2778	2783	rBV2	34455	44009	0.67%	0.069%
80	19.439	2791	2797	2807	rBV	4875122	6593843	100.00%	10.397%
81	21.239	3097	3103	3115	rBV	2991857	4104288	62.24%	6.472%
82	22.286	3278	3281	3287	rVB2	144256	182778	2.77%	0.288%
83	22.780	3361	3365	3371	rVB	214013	325933	4.94%	0.514%
84	23.304	3447	3454	3466	rBV	2995526	6332853	96.04%	9.986%
85	23.445	3471	3478	3490	rVB2	1627516	3527868	53.50%	5.563%
86	23.962	3562	3566	3572	rVB	281044	516821	7.84%	0.815%
87	24.692	3686	3690	3698	rVB2	282540	566849	8.60%	0.894%

Sum of corrected areas: 63420043

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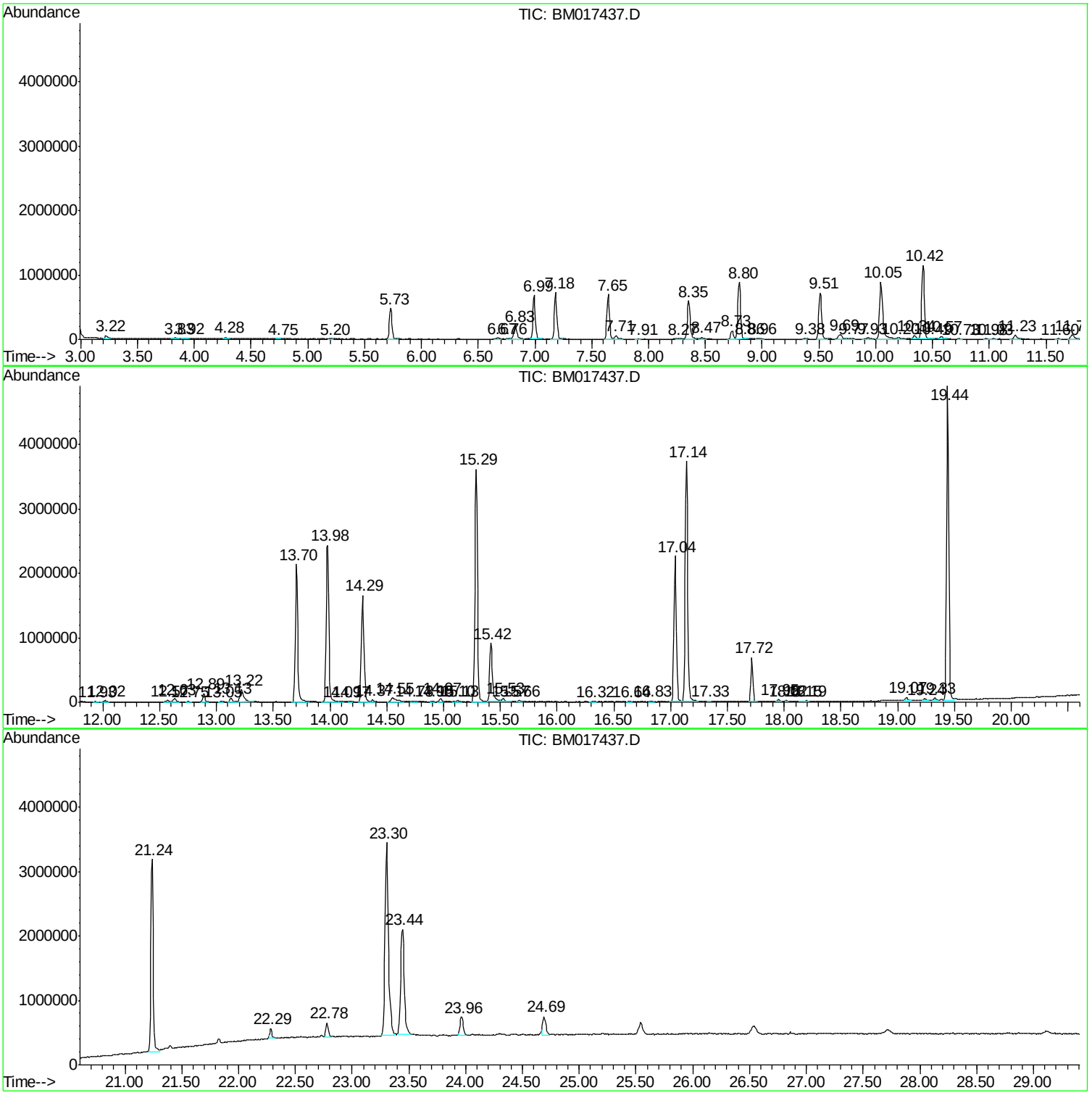
Instrument :
BNA_M
ClientSampleId :
A40C1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

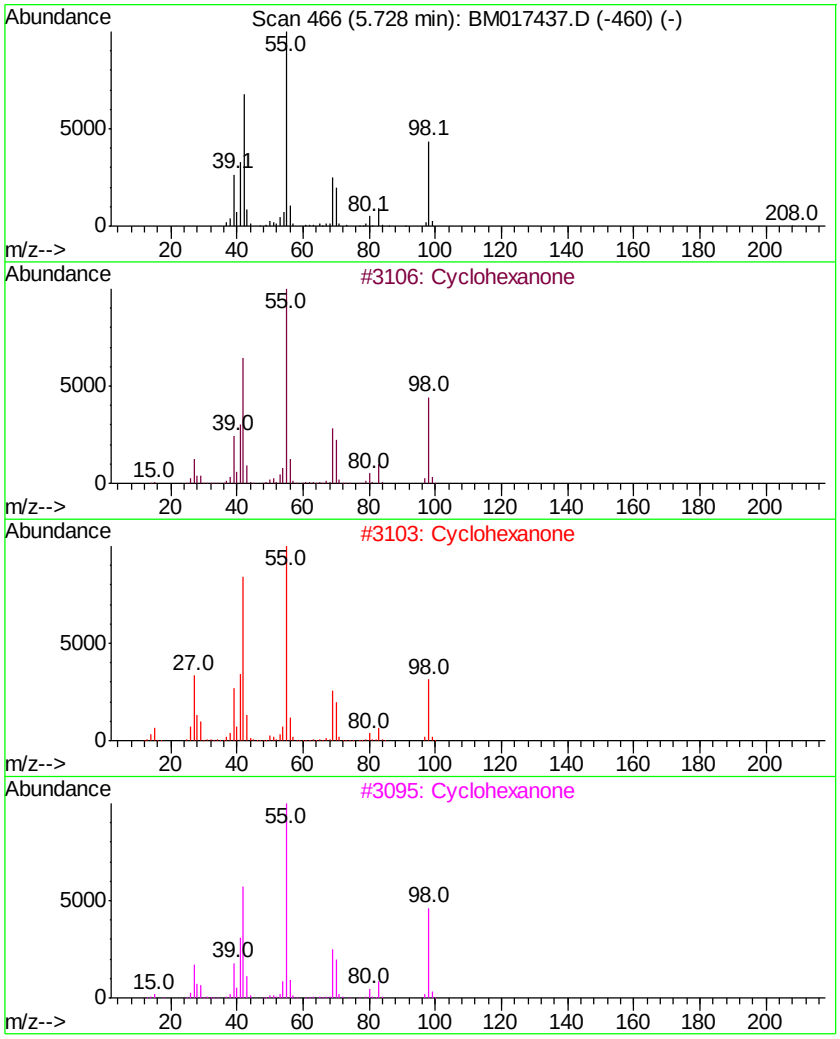
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

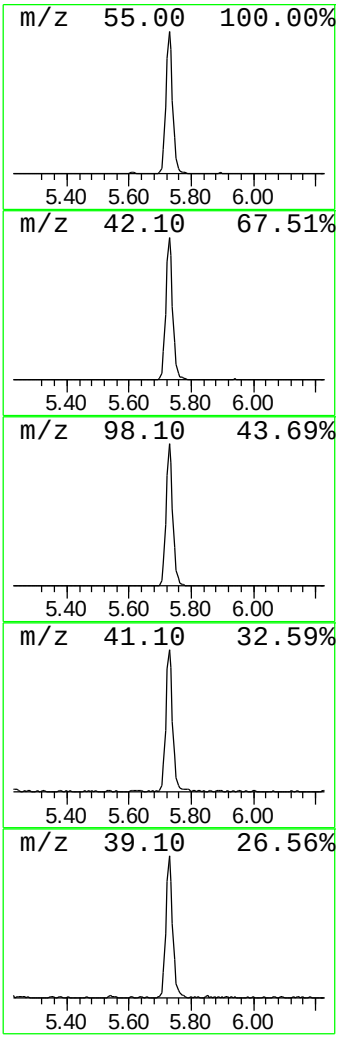
****

Peak Number 1 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	13.45 ng/ul	741552	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	95
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	83
5	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	64





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Data File : BM017437.D
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Sample : J5701-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40C1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

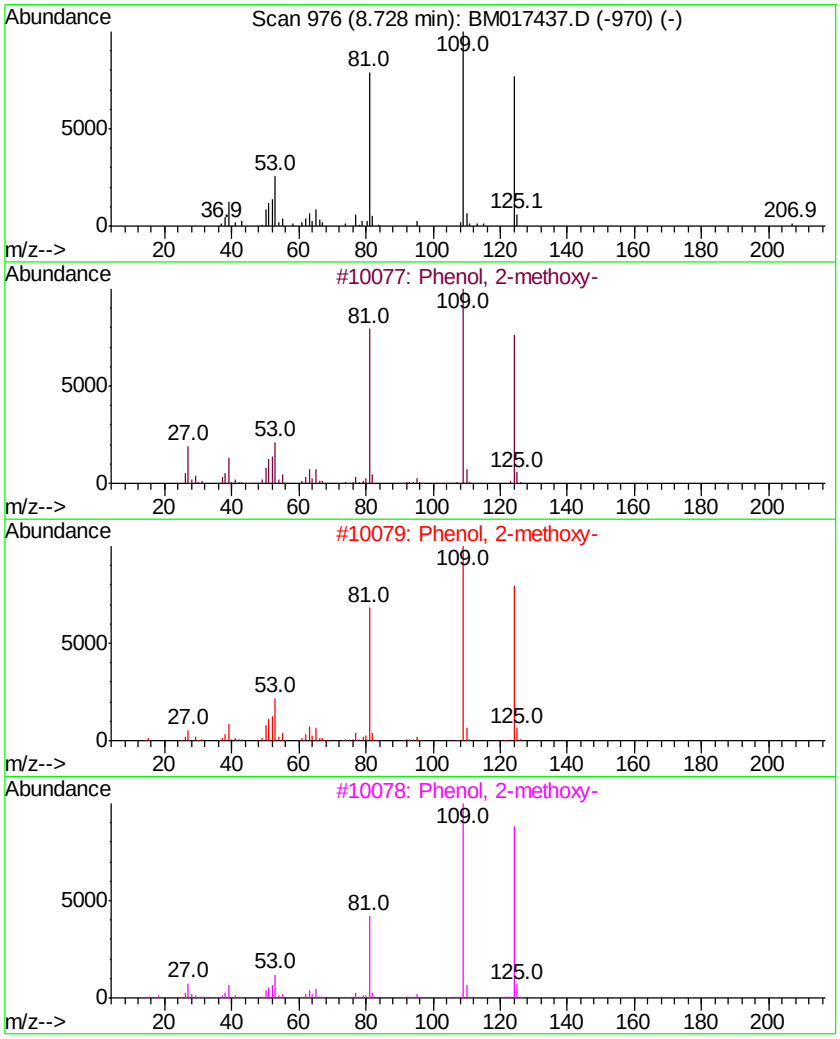
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

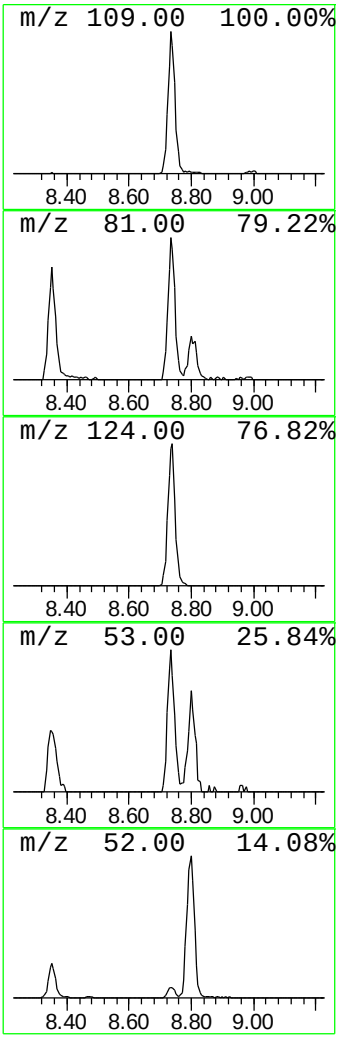
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	3.93 ng/ul	216560	1,4-Dichlorobenzene-d4	7.65

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	94
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

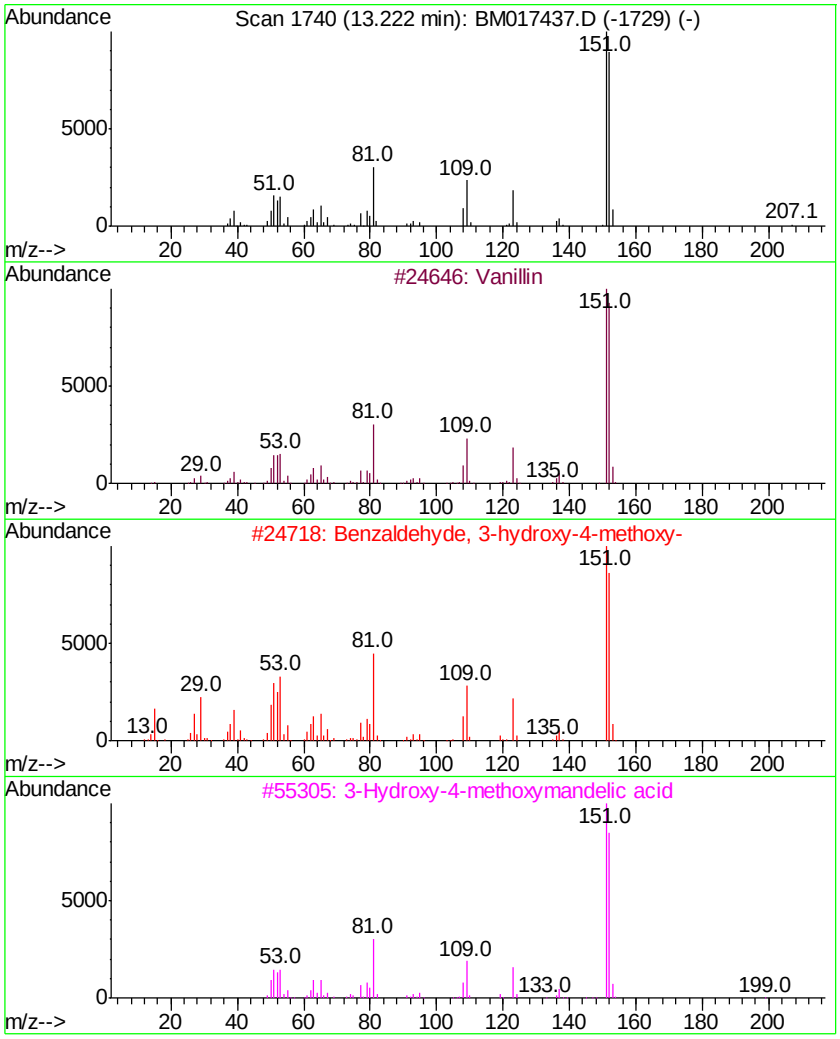
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

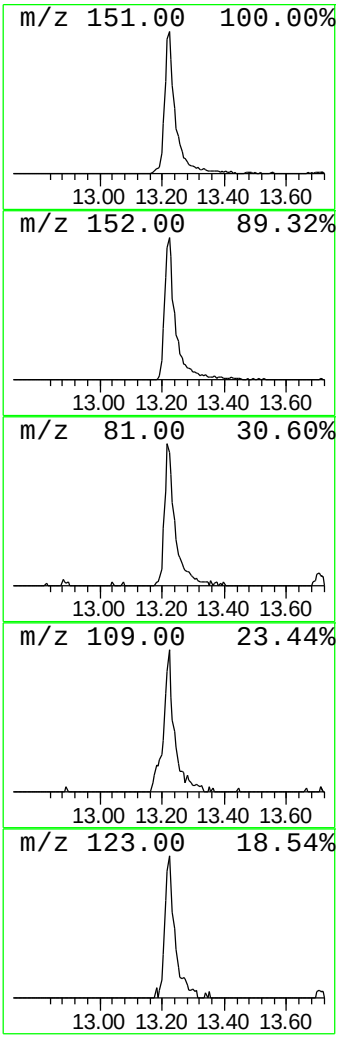
****

Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.53 ng/ul	461546	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	96
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
3	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	91
4	Vanillin	152	C8H8O3	000121-33-5	91
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	90





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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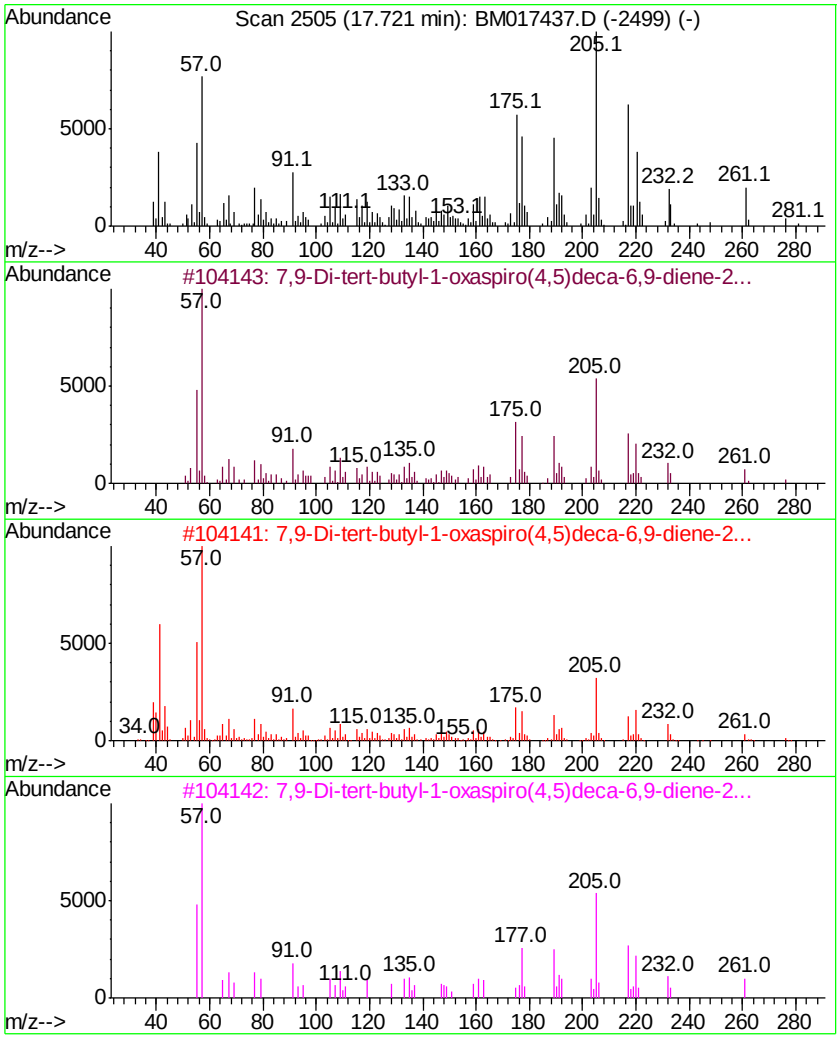
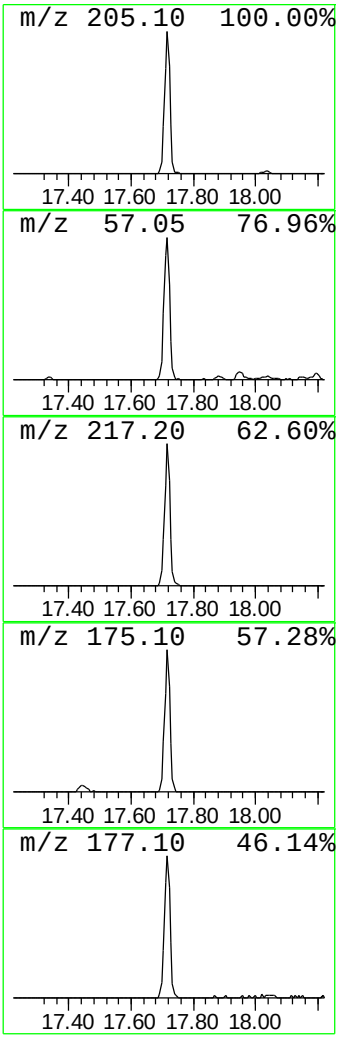
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	5.05 ng/ul	828150	Phenanthrene-d10	17.04

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	98
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44
5	2,4-Diamino-6-nitroquinazoline	205	C8H7N5O2	007154-34-9	42





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Quant Title : SVOA CALIBRATION

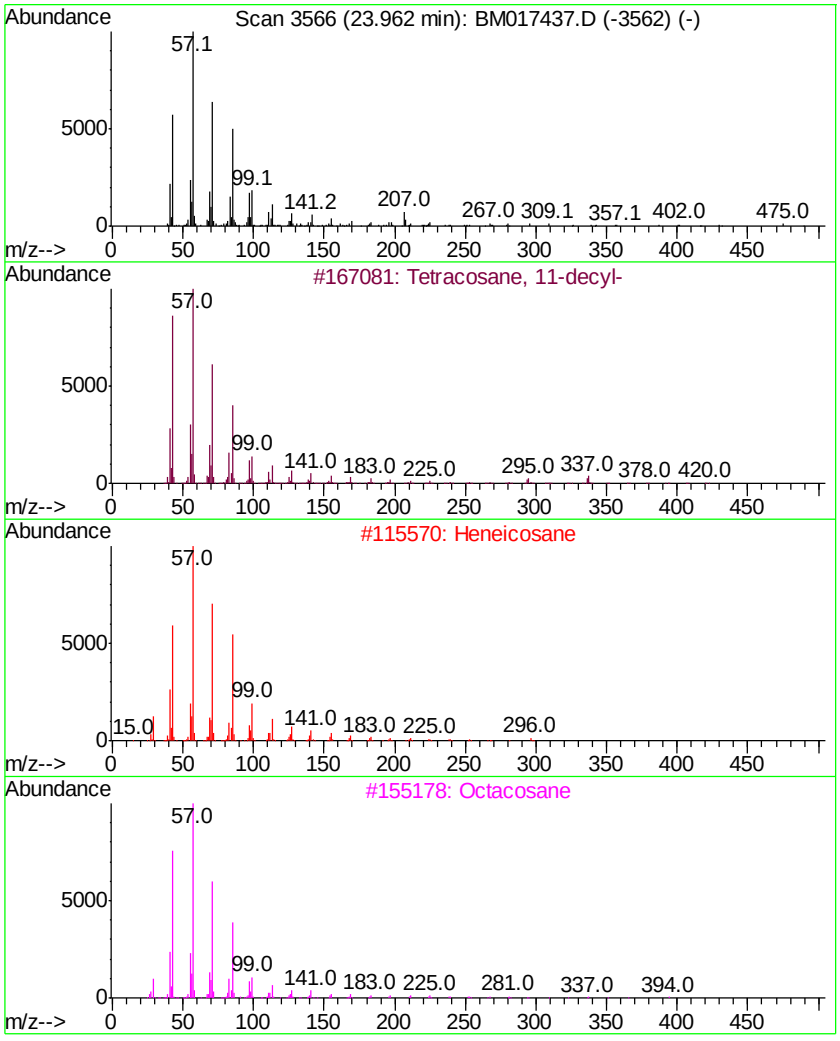
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

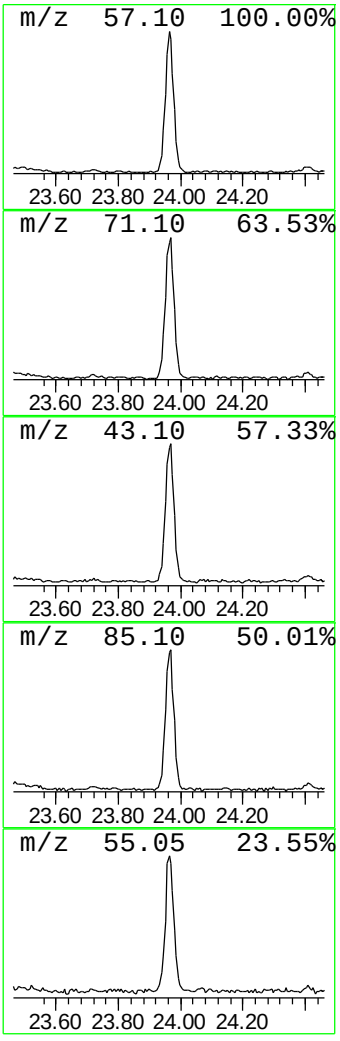
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.93 ng/ul	516821	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Docosane	310	C22H46	000629-97-0	87
5	Octadecane	254	C18H38	000593-45-3	83





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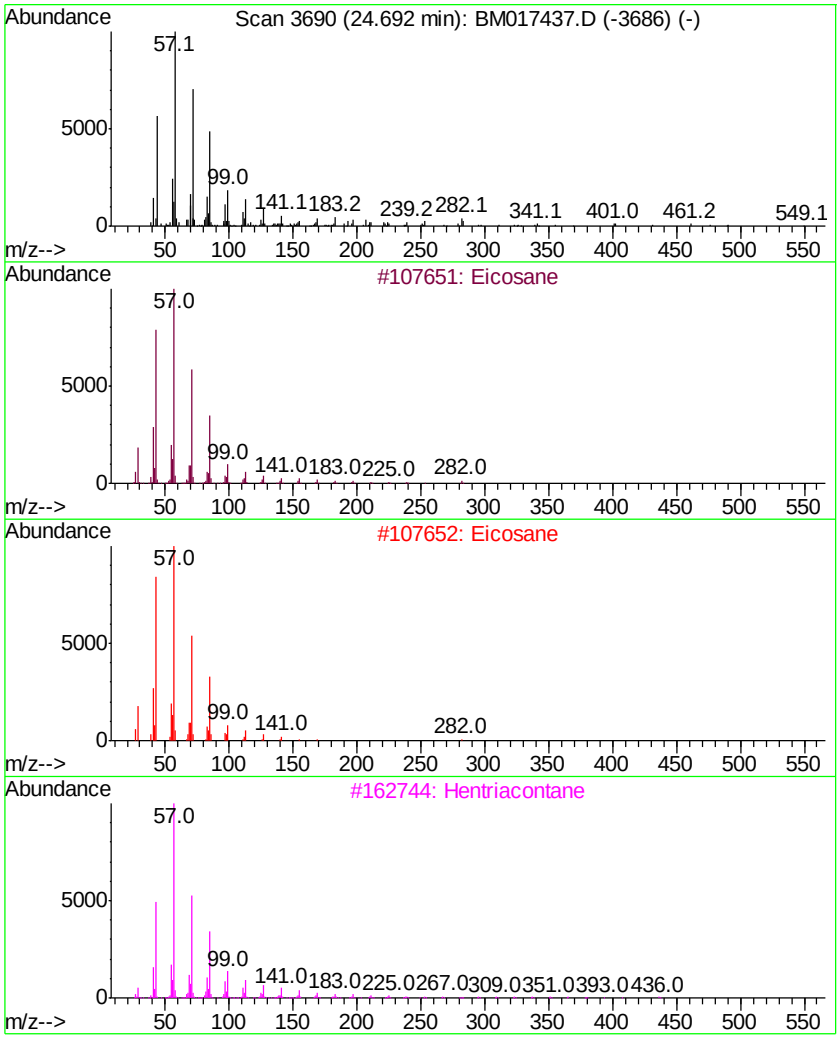
Quant Title : SVOA CALIBRATION

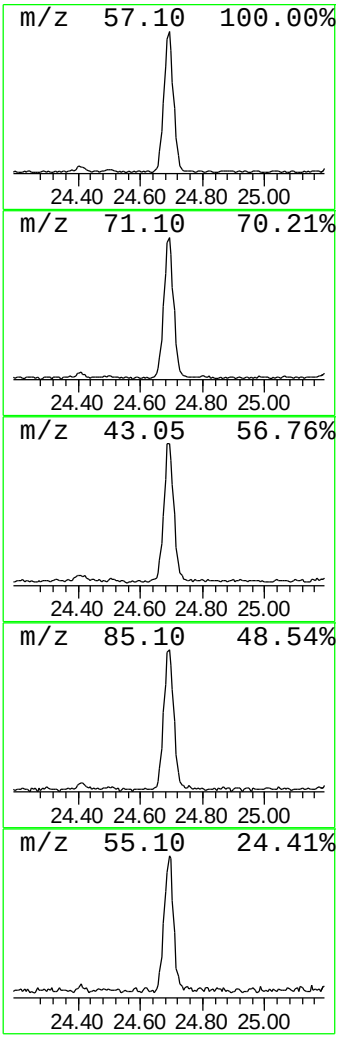
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	3.21 ng/ul	566849	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\
Data File : BM017437.D
Acq On : 31 Oct 2018 19:36
Operator : MJ/SJ
Sample : J5701-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40C1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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	5.73	13.4	ng/ul	741552	1	7.65	1102730	20.0
Phenol, 2-methoxy-	8.73	3.9	ng/ul	216560	1	7.65	1102730	20.0
Vanillin	13.22	3.5	ng/ul	461546	3	14.29	2613860	20.0
7,9-Di-tert-butyl...	17.72	5.0	ng/ul	828150	4	17.04	3278350	20.0
(DEL) Alkane: Str...	23.96	2.9	ng/ul	516821	6	23.44	3527870	20.0
(DEL) Alkane: Str...	24.69	3.2	ng/ul	566849	6	23.44	3527870	20.0