LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

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-BM060619MA.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	3.046	5	10	28	rVB	3591532	4442052	65.35%	5.441%
2	3.310	52	55	61	rVB2	21926	31160	0.46%	0.038%
3	3.934	158	161	166	rVB	31337	39507	0.58%	0.048%
4	4.387	235	238	246	rVB3	35696	55103	0.81%	0.067%
5	4.928	326	330	332	rBV4	6349	7136	0.10%	0.009%
6	5.881	487	492	497	rBV5	8292	14756	0.22%	0.018%
7	6.457	585	590	595	rBV6	7205	11091	0.16%	0.014%
8	6.787	640	646	651	rBV5	11673	23113	0.34%	0.028%
9	6.916	662	668	671	rBV7	9229	16949	0.25%	0.021%
10	6.969	671	677	688	rVB	346845	589072	8.67%	0.722%
11	7.145	701	707	719	rBV	882623	1405371	20.67%	1.722%
12	7.340	732	740	748	rBV	1078055	1658673	24.40%	2.032%
13	7.498	764	767	772	rVB5	5566	8636	0.13%	0.011%
14	7.592	779	783	786	rVB5	5323	8157	0.12%	0.010%
15	7.810	813	820	825	rBV	842725	1347613	19.82%	1.651%
16	7.863	825	829	838	rVB	371174	583305	8.58%	0.715%
17	8.022	850	856	859	rBV7	7829	12397	0.18%	0.015%
18	8.404	917	921	923	rBV4	6503	8504	0.13%	0.010%
19	8.504	931	938	951	rBV	857206	1377524	20.26%	1.687%
20	8.634	955	960	965	rVB	22676	32037	0.47%	0.039%
21	8.898	997	1005	1010	rBV	118441	195699	2.88%	0.240%
22	8.969	1010	1017	1023	rVV	1173854	1904398	28.02%	2.333%
23	9.016	1023	1025	1030	rVV	39811	56928	0.84%	0.070%
24	9.122	1038	1043	1051	rVV5	15470	30388	0.45%	0.037%
25	9.686	1132	1139	1151	rBV	915048	1490130	21.92%	1.825%
26	9.910	1172	1177	1184	rBV	86085	156000	2.29%	0.191%
27	10.216	1222	1229	1238	rBV	1491632	2431008	35.76%	2.978%
28	10.510	1273	1279	1285	rBV	109784	184841	2.72%	0.226%
29	10.598	1287	1294	1301	rVV	1154949	1890505	27.81%	2.316%
30	10.657	1301	1304	1308	rVB3	9812	12312	0.18%	0.015%
31	10.828	1329	1333	1337	rVB4	4614	7942	0.12%	0.010%
32	11.257	1401	1406	1415	rVB2	13476	24347	0.36%	0.030%
33	11.375	1418	1426	1433	rBV4	20263	38376	0.56%	0.047%
34	11.580	1456	1461	1465	rBV4	5617	9792	0.14%	0.012%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

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-BM060619MA.M
Title : SVOA CALIBRATION

35	11.769	1488	1493	1498	rBV5	7867	13610	0.20%	0.017%
36	11.874	1505	1511	1518	rBV	173245	278867	4.10%	0.342%
37	12.186	1558	1564	1571	rVB3	29146	48024	0.71%	0.059%
38	12.710	1649	1653	1662	rBV3	53953	99468	1.46%	0.122%
39	12.904	1682	1686	1688	rBV4	4472	7116	0.10%	0.009%
40	13.045	1705	1710	1715	rVB4	12507	21299	0.31%	0.026%
41	13.363	1758	1764	1770	rBV	310853	484681	7.13%	0.594%
42	13.745	1823	1829	1831	rBV6	6131	11528	0.17%	0.014%
43	13.857	1841	1848	1856	rBV	2681458	3583782	52.72%	4.390%
44	13.916	1856	1858	1864	rVB3	10949	14047	0.21%	0.017%
45	13.974	1867	1868	1875	rVB6	5407	7471	0.11%	0.009%
46	14.092	1882	1888	1889	rBV4	5966	7457	0.11%	0.009%
47	14.139	1889	1896	1904	rVV	3141963	4505365	66.28%	5.519%
48	14.310	1920	1925	1929	rBV4	11034	14361	0.21%	0.018%
49	14.445	1941	1948	1956	rVV2	1707722	2575401	37.89%	3.155%
50	14.527	1958	1962	1966	rVB5	15333	19129	0.28%	0.023%
51	14.639	1976	1981	1991	rBV	233368	376602	5.54%	0.461%
52	14.851	2014	2017	2021	rBV5	5695	8269	0.12%	0.010%
53	15.127	2059	2064	2070	rBV2	25543	41665	0.61%	0.051%
54	15.239	2078	2083	2092	rVB	80508	107659	1.58%	0.132%
55	15.439	2110	2117	2125	rBV	3885707	5436254	79.97%	6.659%
56	15.557	2132	2137	2146	rBV	745823	1010663	14.87%	1.238%
57	15.680	2152	2158	2165	rVB2	54792	84526	1.24%	0.104%
58	15.804	2175	2179	2185	rVB2	27225	39353	0.58%	0.048%
59	15.927	2196	2200	2205	rBV3	68828	89734	1.32%	0.110%
60	16.039	2216	2219	2226	rBV6	11519	25363	0.37%	0.031%
61	16.221	2246	2250	2254	rVB4	13408	16783	0.25%	0.021%
62	16.786	2342	2346	2349	rBV4	10912	14508	0.21%	0.018%
63	16.868	2356	2360	2363	rBV4	7728	7444	0.11%	0.009%
64	16.974	2376	2378	2382	rVB2	7319	7263	0.11%	0.009%
65	17.068	2390	2394	2398	rVB3	19974	24333	0.36%	0.030%
66	17.192	2408	2415	2422	rVB2	2054841	2962165	43.58%	3.629%
67	17.292	2425	2432	2442	rBV	4097189	5737811	84.41%	7.029%
68	17.368	2442	2445	2450	rVV3	32162	41111	0.60%	0.050%
69	17.445	2454	2458	2460	rVV5	6579	8249	0.12%	0.010%
70	17.486	2460	2465	2471	rVB5	24689	35241	0.52%	0.043%
71	17.780	2512	2515	2519	rVB3	7679	8418	0.12%	0.010%

LSC Area Percent Report

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Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

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-BM060619MA.M
Title : SVOA CALIBRATION

72	17.856	2523	2528	2533	rBV	655305	808568	11.89%	0.990%
73	17.904	2533	2536	2540	rVB4	15081	18316	0.27%	0.022%
74	18.074	2561	2565	2572	rBV4	36367	54024	0.79%	0.066%
75	18.156	2576	2579	2585	rVB	9384	11769	0.17%	0.014%
76	18.256	2592	2596	2599	rBV2	39227	44142	0.65%	0.054%
77	18.333	2604	2609	2613	rBV5	24959	39190	0.58%	0.048%
78	19.121	2739	2743	2750	rVB8	11917	24572	0.36%	0.030%
79	19.215	2754	2759	2765	rBV	49302	73245	1.08%	0.090%
80	19.350	2779	2782	2787	rBV7	23396	38555	0.57%	0.047%
81	19.468	2798	2802	2805	rBV	40987	48126	0.71%	0.059%
82	19.580	2815	2821	2830	rBV	5052999	6558254	96.48%	8.034%
83	20.392	2957	2959	2963	rVB4	23923	25963	0.38%	0.032%
84	20.497	2973	2977	2984	rVB	110089	136480	2.01%	0.167%
85	21.309	3112	3115	3118	rBV4	58541	97143	1.43%	0.119%
86	21.368	3120	3125	3129	rVV	2662375	3378991	49.71%	4.139%
87	21.409	3129	3132	3140	rVB2	224865	312283	4.59%	0.383%
88	23.121	3418	3423	3430	rBV	1773226	2632326	38.72%	3.225%
89	23.503	3481	3488	3500	rVB2	3518608	6797648	100.00%	8.327%
90	23.650	3506	3513	3523	rVB	1752280	3374676	49.64%	4.134%
91	24.338	3622	3630	3643	rBV2	2639053	5728311	84.27%	7.017%
92	25.938	3894	3902	3916	rVB2	1187263	3551832	52.25%	4.351%

Sum of corrected areas: 81634256

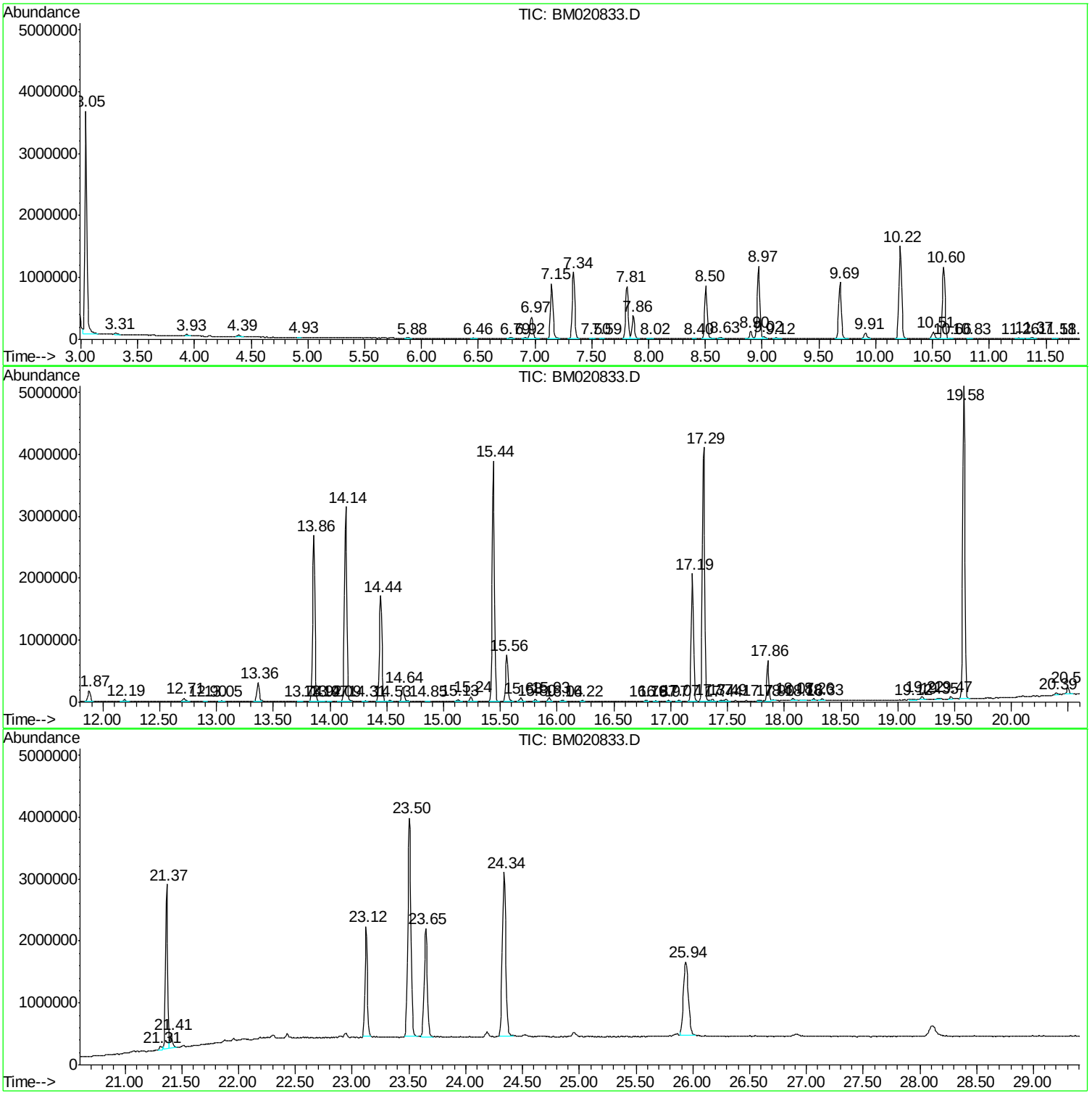
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

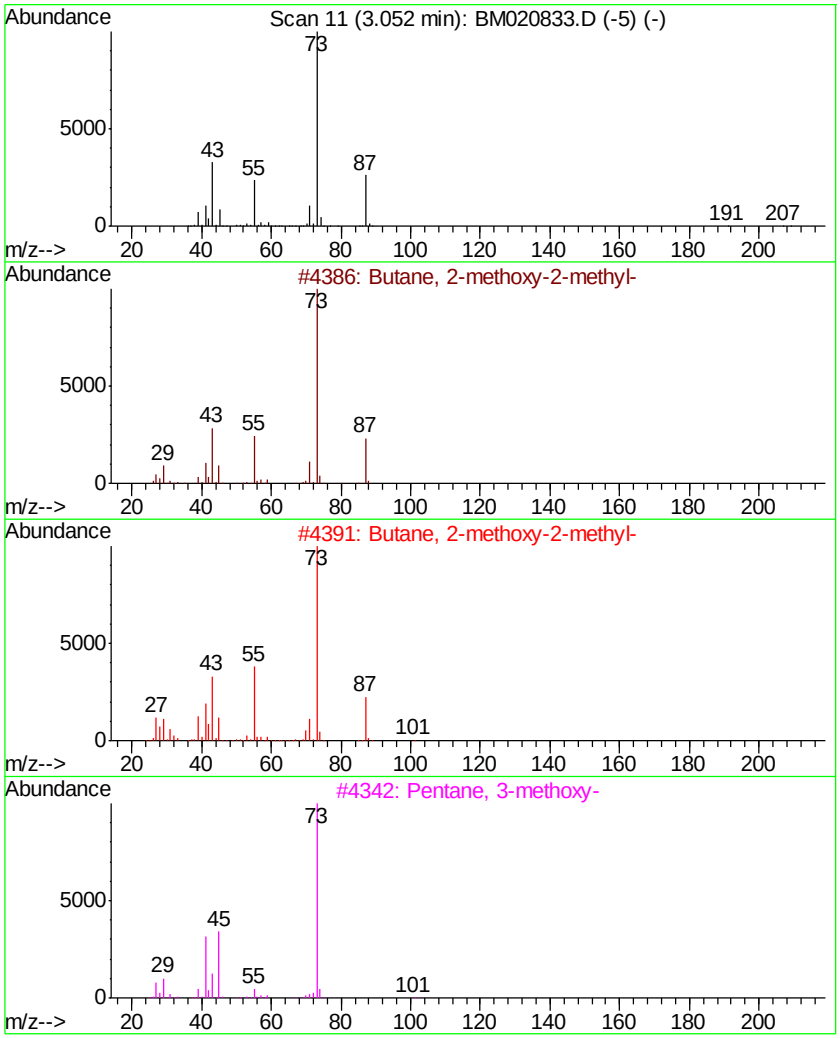
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

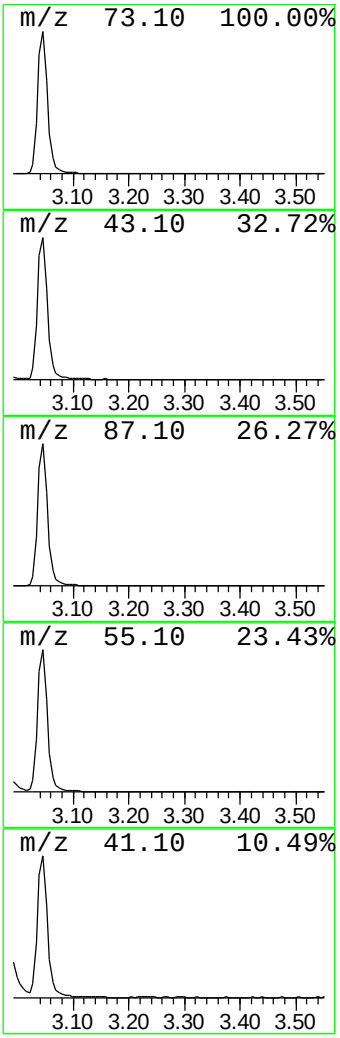
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	65.92 ng/ul	4442050	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

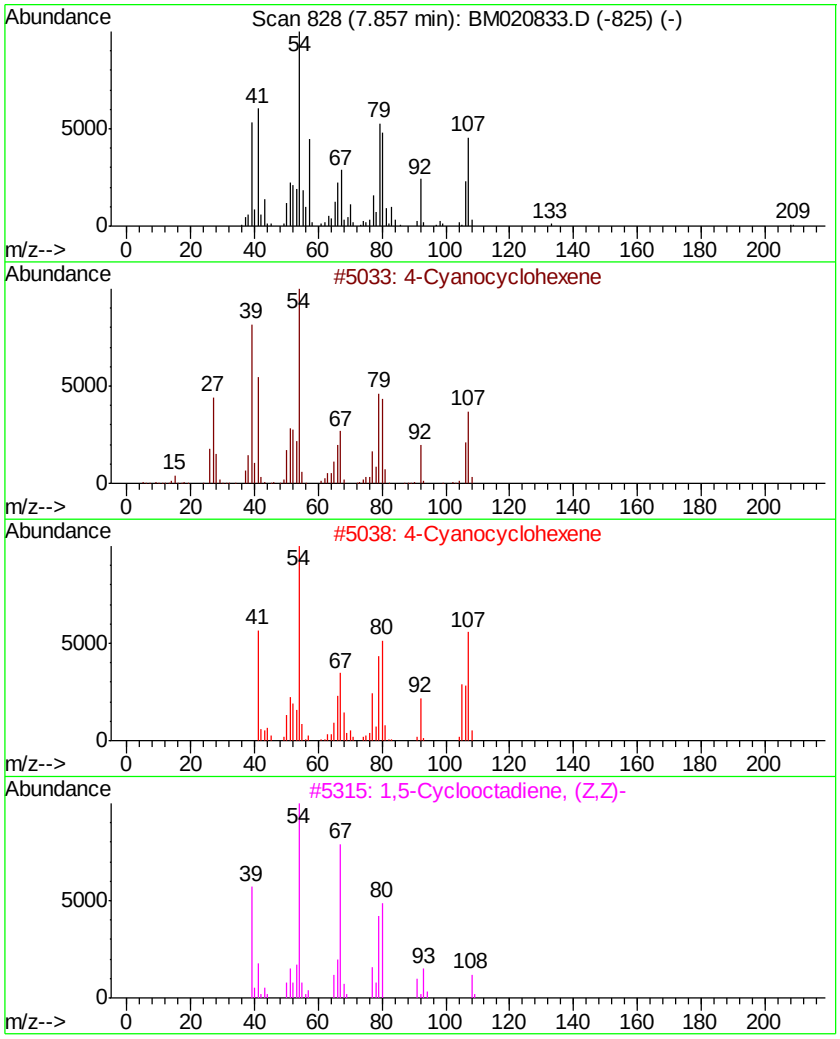
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

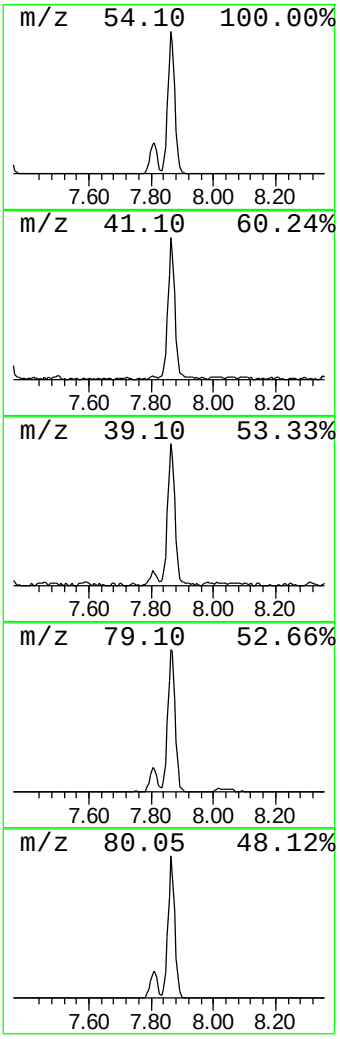
****

Peak Number 2 4-Cyanocyclohexene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	8.66 ng/ul	583305	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyanocyclohexene	107	C7H9N	000100-45-8	97
2	4-Cyanocyclohexene	107	C7H9N	000100-45-8	87
3	1,5-Cyclooctadiene, (Z,Z)-	108	C8H12	001552-12-1	53
4	1,5-Cyclooctadiene	108	C8H12	000111-78-4	50
5	(E)-2-Pentenenitrile	81	C5H7N	026294-98-4	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

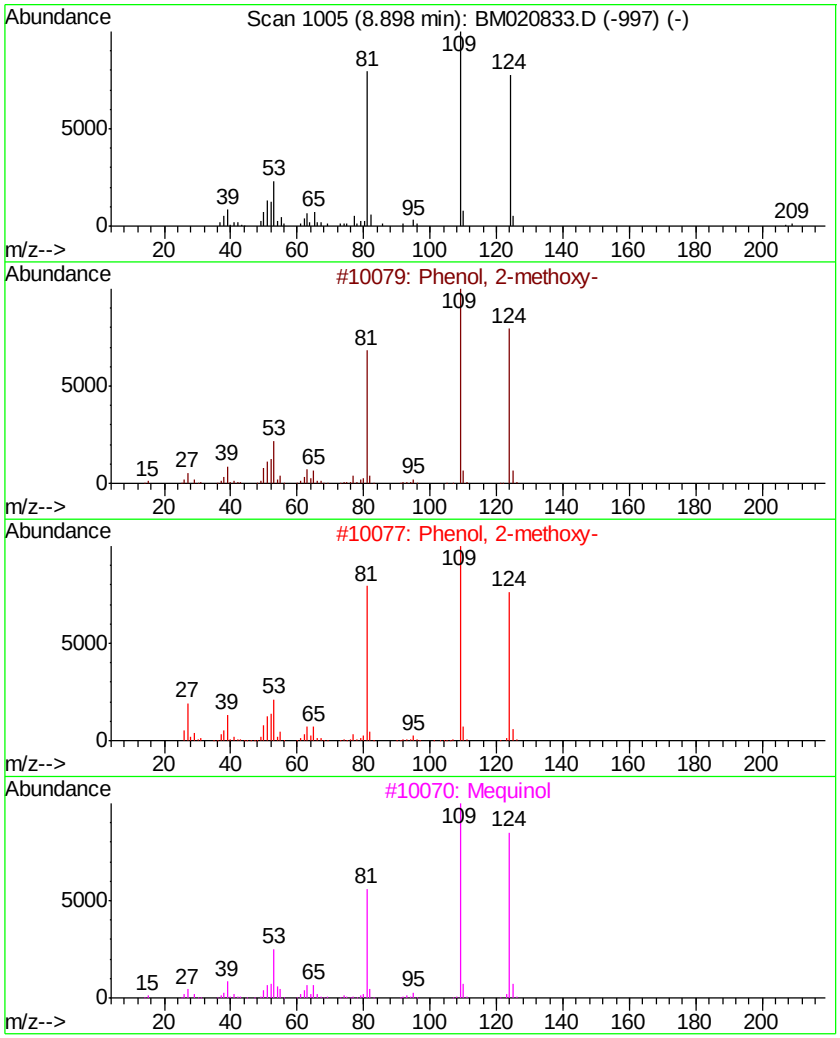
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

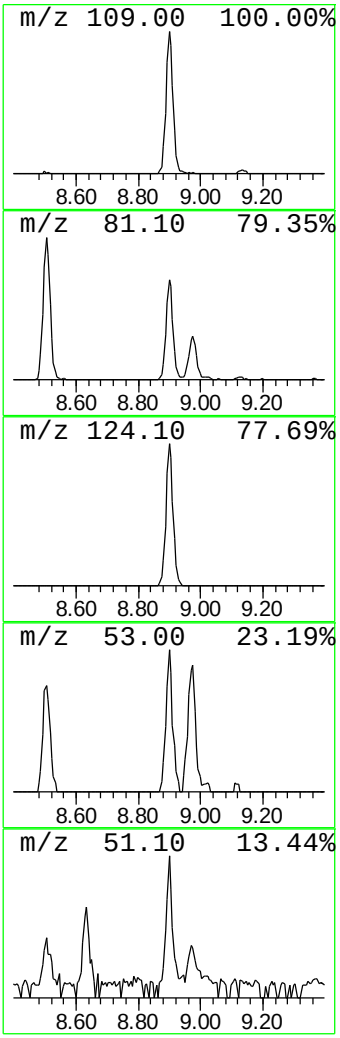
****

Peak Number 3 Phenol, 2-methoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	2.90 ng/ul	195699	1,4-Dichlorobenzene-d4	7.81

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	97
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5	Mequinol	124	C7H8O2	000150-76-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

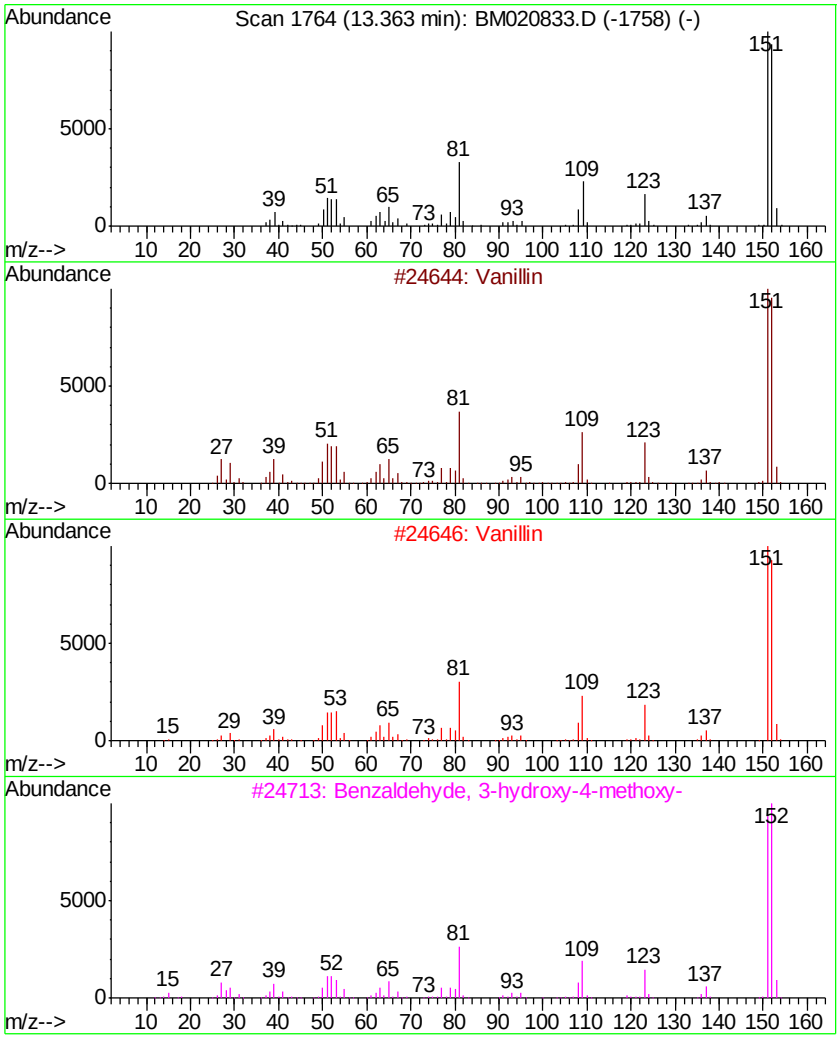
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

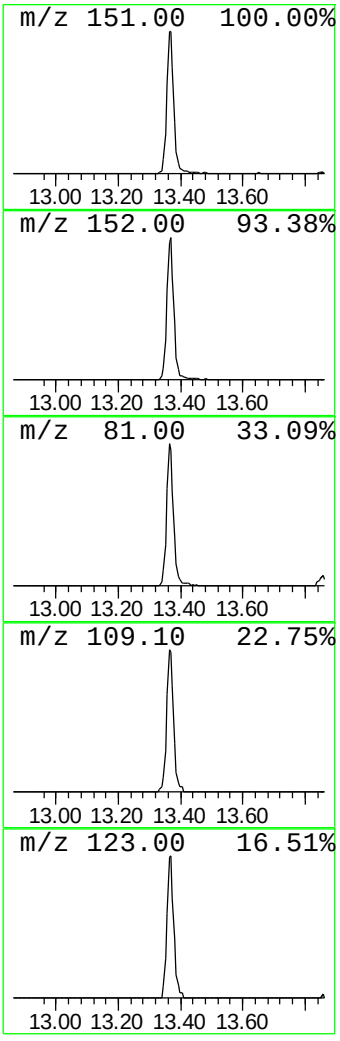
****

Peak Number 4 Vanillin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.76 ng/ul	484681	Acenaphthene-d10	14.44

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	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
4	Vanillin	152	C8H8O3	000121-33-5	96
5	Vanillin	152	C8H8O3	000121-33-5	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

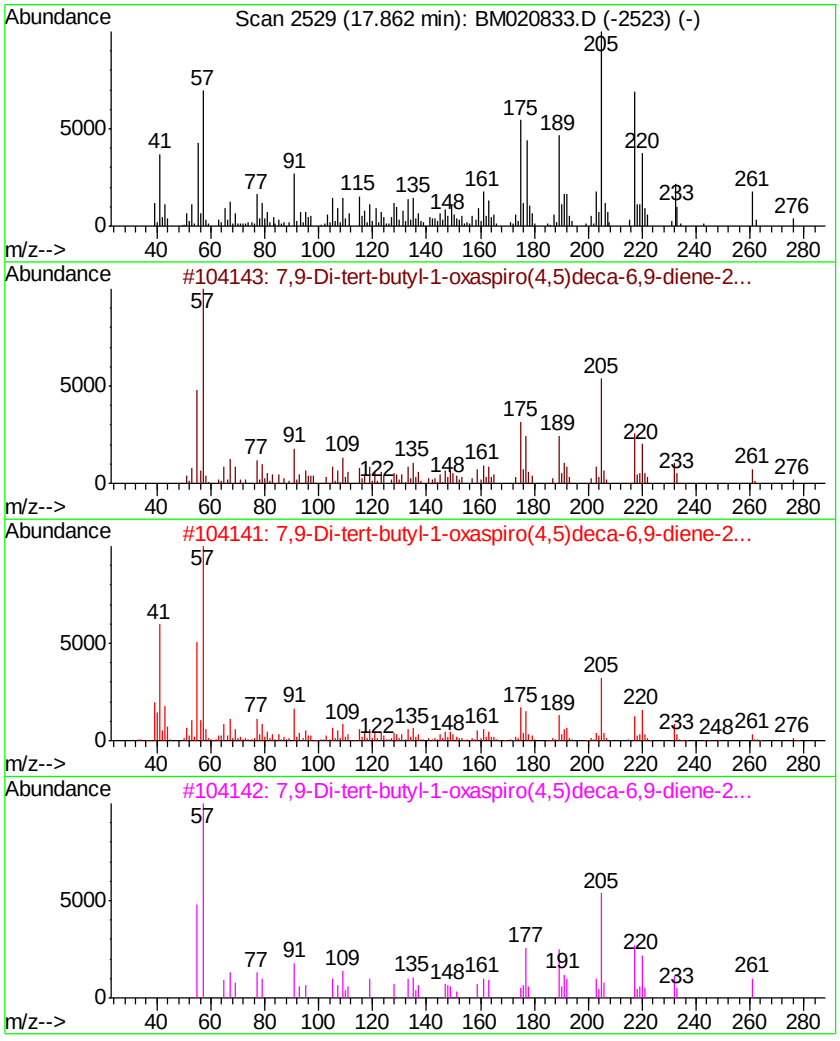
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

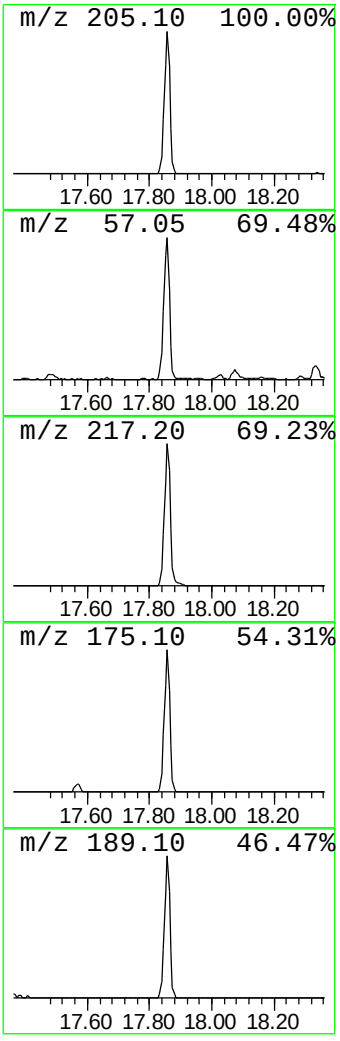
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	5.46 ng/ul	808568	Phenanthrene-d10	17.19

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	95
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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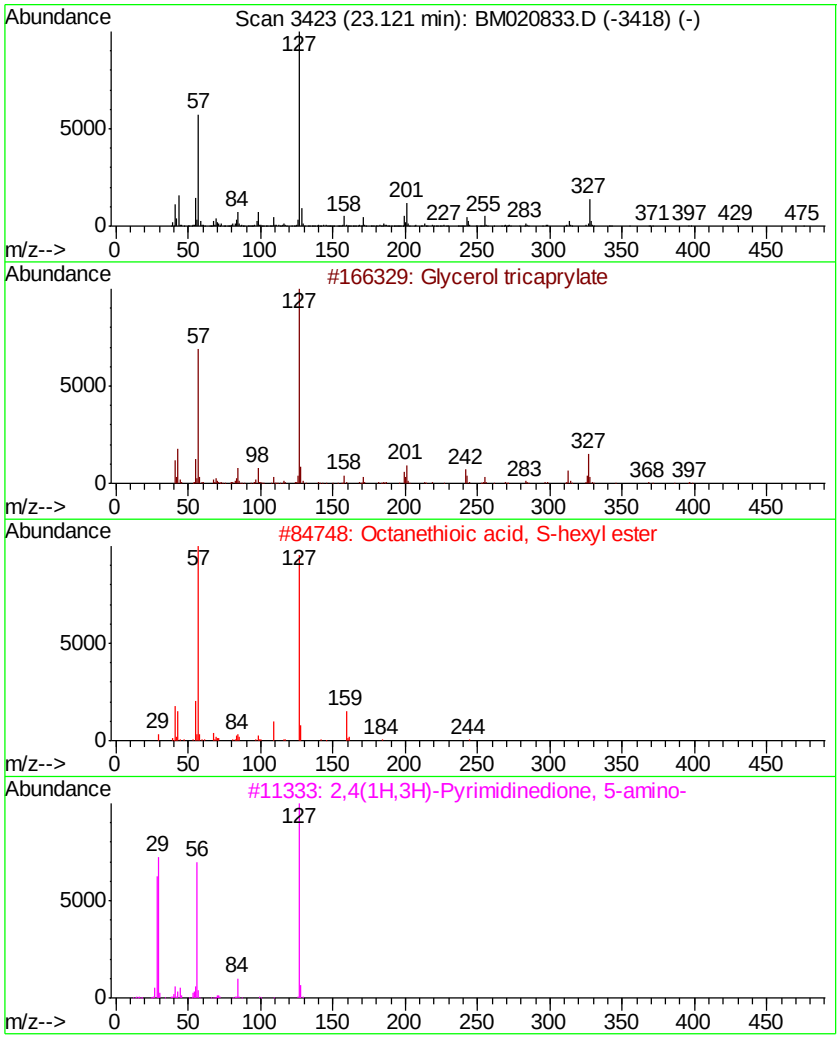
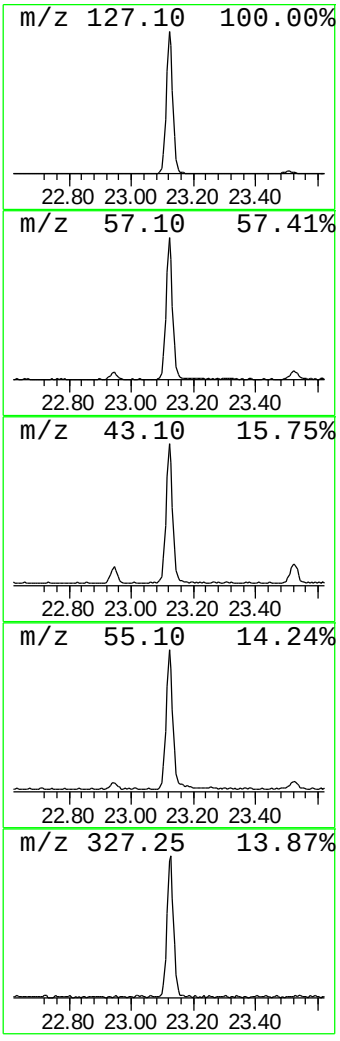
Peak Number 6 Glycerol tricaprylate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	15.60 ng/ul	2632330	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycerol tricaprylate	470	C27H50O6	000538-23-8	83
2	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	50
3	2,4(1H,3H)-Pyrimidinedione, 5-am...	127	C4H5N3O2	000932-52-5	40
4	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	40
5	3,7 Dimethyloctyl propylphosphon...	266	C13H28FO2P	1000298-29-8	38





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Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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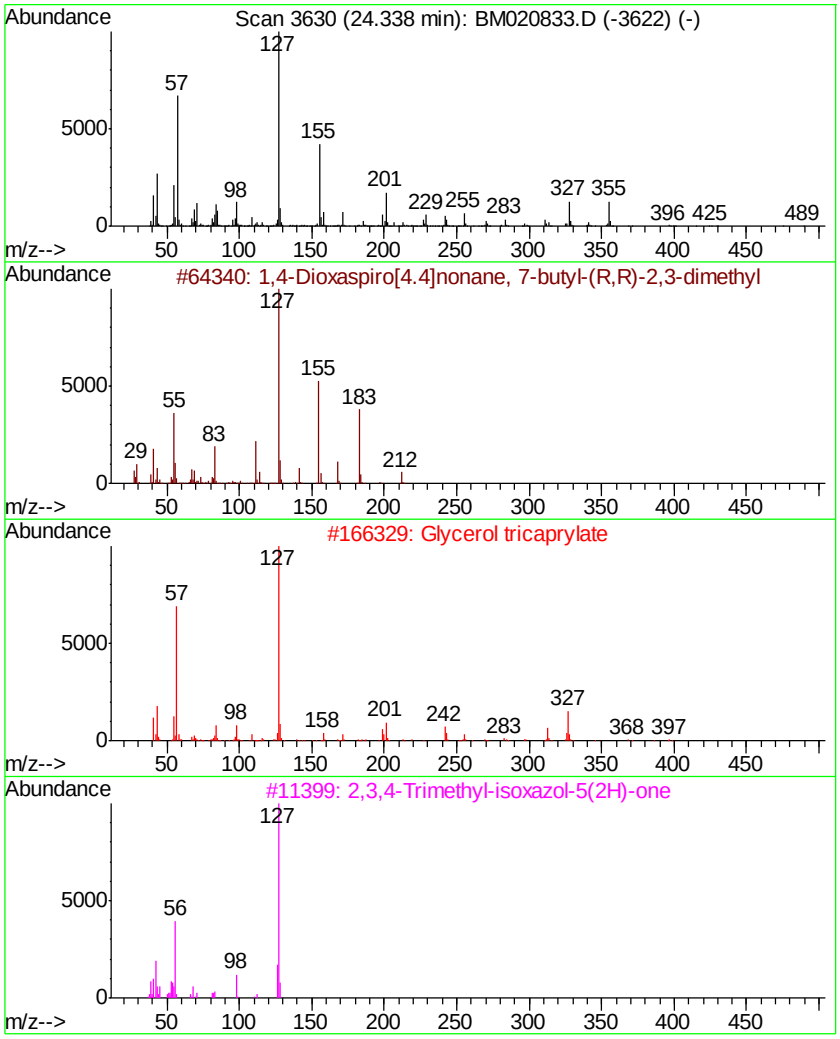
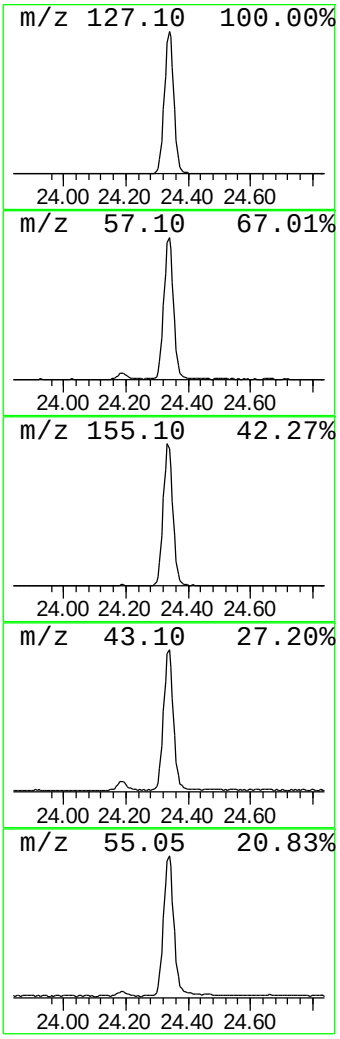
Peak Number 7 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	33.95 ng/ul	5728310	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[4.4]nonane, 7-but...	212	C13H24O2	104807-77-4	42
2	Glycerol tricaprylate	470	C27H50O6	000538-23-8	40
3	2,3,4-Trimethyl-isoxazol-5(2H)-one	127	C6H9NO2	007713-68-0	38
4	Octanoic acid, 4-pentadecyl ester	354	C23H46O2	1000280-63-2	37
5	Piperazine, 1-methyl-4-[2-(p-tol...	282	C14H22N2O2S	016191-68-7	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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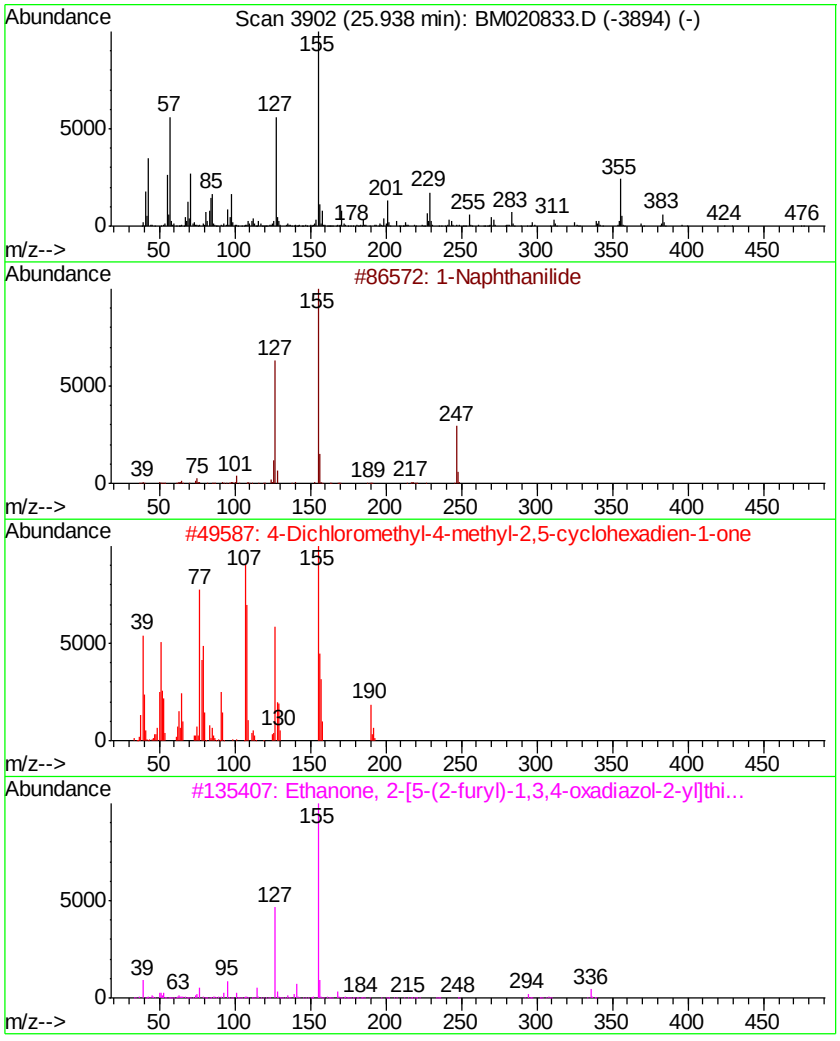
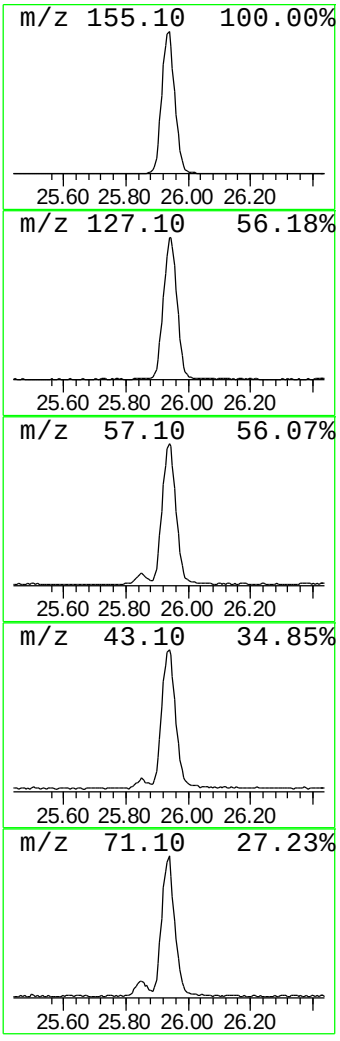
Peak Number 8 1-Naphthanilide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	21.05 ng/ul	3551830	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthanilide	247	C17H13NO	006833-19-8	50
2	4-Dichloromethyl-4-methyl-2,5-cy...	190	C8H8Cl2O	006611-78-5	50
3	Ethanone, 2-[5-(2-furyl)-1,3,4-o...	336	C18H12N2O3S	296243-46-4	50
4	2,5-Bis(1-naphthamido)terephthal...	504	C30H20N2O6	339157-52-7	40
5	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061019\
Data File : BM020833.D
Acq On : 10 Jun 2019 13:19
Operator : HP/JU
Sample : K2975-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHL0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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
Butane, 2-methoxy...	3.05	65.9	ng/ul	4442050	1	7.81	1347610	20.0
4-Cyanocyclohexene	7.86	8.7	ng/ul	583305	1	7.81	1347610	20.0
Phenol, 2-methoxy-	8.90	2.9	ng/ul	195699	1	7.81	1347610	20.0
Vanillin	13.36	3.8	ng/ul	484681	3	14.44	2575400	20.0
7,9-Di-tert-butyl...	17.86	5.5	ng/ul	808568	4	17.19	2962170	20.0
Glycerol tricapry...	23.12	15.6	ng/ul	2632330	6	23.65	3374680	20.0
unknown-01	24.34	34.0	ng/ul	5728310	6	23.65	3374680	20.0
1-Naphthanilide	25.94	21.1	ng/ul	3551830	6	23.65	3374680	20.0