LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

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-BM061419MA.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	3.034	4	8	12	rVV	490998	559078	7.88%	0.279%
2	3.075	12	15	23	rVB	122562	155598	2.19%	0.078%
3	3.299	50	53	57	rVB	44307	50837	0.72%	0.025%
4	4.934	327	331	342	rVB	81626	121817	1.72%	0.061%
5	6.445	584	588	592	rBV3	7777	11060	0.16%	0.006%
6	6.957	668	675	678	rBV	1041595	1910583	26.94%	0.953%
7	7.128	698	704	712	rBV	795593	1206255	17.01%	0.602%
8	7.222	714	720	730	rVV	1319261	1999932	28.20%	0.998%
9	7.322	730	737	748	rVB	1062710	1666345	23.50%	0.832%
10	7.787	809	816	826	rVB	841410	1356159	19.12%	0.677%
11	8.228	884	891	899	rBV	2340060	3595329	50.69%	1.794%
12	8.492	925	936	941	rBV	1277257	2124888	29.96%	1.060%
13	8.551	941	946	950	rVV	2465313	3821083	53.88%	1.907%
14	8.598	950	954	977	rVB	1748357	2965080	41.81%	1.480%
15	8.857	991	998	1006	rVB	1176688	1878692	26.49%	0.938%
16	8.951	1006	1014	1027	rVB	1001392	1654259	23.32%	0.826%
17	9.204	1053	1057	1063	rVB4	7560	11049	0.16%	0.006%
18	9.328	1074	1078	1087	rVB4	4510	9280	0.13%	0.005%
19	9.516	1102	1110	1119	rBV	1746469	2699811	38.07%	1.347%
20	9.669	1128	1136	1144	rBV	851051	1395518	19.68%	0.696%
21	9.757	1144	1151	1160	rVV	2008823	3256524	45.92%	1.625%
22	9.828	1160	1163	1167	rVB3	16207	24337	0.34%	0.012%
23	9.998	1184	1192	1202	rBV	1474741	2384094	33.62%	1.190%
24	10.198	1218	1226	1241	rBV2	1462764	3466661	48.88%	1.730%
25	10.392	1255	1259	1263	rBV3	6691	9433	0.13%	0.005%
26	10.575	1279	1290	1295	rBV	1252353	2199037	31.01%	1.097%
27	10.627	1295	1299	1307	rVB	1319913	2103249	29.66%	1.050%
28	10.722	1307	1315	1328	rBV	807624	1426629	20.12%	0.712%
29	10.845	1331	1336	1338	rVV2	15082	22895	0.32%	0.011%
30	10.898	1338	1345	1353	rVB	2778913	4344558	61.26%	2.168%
31	11.280	1404	1410	1416	rBV	20445	35660	0.50%	0.018%
32	11.339	1416	1420	1428	rVV	32276	52460	0.74%	0.026%
33	11.533	1445	1453	1476	rBV	553740	1666635	23.50%	0.832%
34	11.716	1481	1484	1493	rVB6	10707	23044	0.32%	0.011%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

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-BM061419MA.M
Title : SVOA CALIBRATION

35	12.104	1543	1550	1557	rBV	1005397	1590756	22.43%	0.794%
36	12.169	1557	1561	1567	rVV2	24030	39583	0.56%	0.020%
37	12.239	1567	1573	1578	rVB2	20267	32404	0.46%	0.016%
38	12.369	1588	1595	1602	rBV2	88300	153331	2.16%	0.077%
39	12.463	1602	1611	1624	rVV	3346190	5210089	73.46%	2.600%
40	12.580	1624	1631	1632	rVV	1422026	1835698	25.88%	0.916%
41	12.610	1632	1636	1644	rVB	2437626	3863835	54.48%	1.928%
42	12.927	1683	1690	1705	rBV	2118245	3176088	44.78%	1.585%
43	13.298	1747	1753	1761	rVB	1499876	2178712	30.72%	1.087%
44	13.527	1789	1792	1796	rVB4	5560	7125	0.10%	0.004%
45	13.839	1839	1845	1849	rBV	2638344	3686501	51.98%	1.840%
46	13.886	1849	1853	1861	rVB	1561269	2066536	29.14%	1.031%
47	14.121	1886	1893	1896	rBV	2955496	4883964	68.86%	2.437%
48	14.151	1896	1898	1910	rVB	1907227	2157747	30.42%	1.077%
49	14.345	1924	1931	1938	rBV	1803410	2612352	36.83%	1.304%
50	14.427	1938	1945	1951	rVV2	2126858	3173610	44.75%	1.584%
51	14.492	1951	1956	1961	rVV	3380804	4778921	67.38%	2.385%
52	14.551	1961	1966	1974	rVV	1065016	1541227	21.73%	0.769%
53	14.633	1974	1980	1990	rVV	1132742	1740940	24.55%	0.869%
54	14.727	1990	1996	2005	rVV	1477732	2025660	28.56%	1.011%
55	14.827	2007	2013	2021	rVB	1686702	2465603	34.76%	1.230%
56	15.221	2076	2080	2085	rVB	11789	14791	0.21%	0.007%
57	15.292	2085	2092	2097	rBV	39384	58175	0.82%	0.029%
58	15.421	2107	2114	2118	rBV	3995997	5591121	78.83%	2.790%
59	15.474	2118	2123	2126	rVV2	3519640	4933043	69.55%	2.462%
60	15.515	2126	2130	2133	rVV	2300477	3494268	49.27%	1.744%
61	15.562	2133	2138	2150	rVV2	3097414	5216096	73.55%	2.603%
62	15.662	2150	2155	2160	rVB	50238	78464	1.11%	0.039%
63	16.404	2277	2281	2284	rVB3	7141	8356	0.12%	0.004%
64	16.821	2345	2352	2366	rBV	5285876	7063806	99.60%	3.525%
65	16.968	2373	2377	2380	rVB3	11240	17757	0.25%	0.009%
66	17.174	2406	2412	2418	rBV2	2647460	3727923	52.56%	1.860%
67	17.274	2422	2429	2432	rVV	4124811	6128981	86.42%	3.059%
68	17.309	2432	2435	2448	rVB	4130283	5134770	72.40%	2.562%
69	17.451	2456	2459	2463	rVB4	6259	9035	0.13%	0.005%
70	17.580	2474	2481	2490	rBV	3900869	5445474	76.78%	2.718%
71	17.727	2502	2506	2512	rVB3	38746	48826	0.69%	0.024%

LSC Area Percent Report

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Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

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-BM061419MA.M
Title : SVOA CALIBRATION

72	17.780	2512	2515	2523	rVB4	40872	52695	0.74%	0.026%
73	17.986	2548	2550	2556	rVB7	5821	7384	0.10%	0.004%
74	18.121	2568	2573	2582	rBV4	30494	52502	0.74%	0.026%
75	18.239	2589	2593	2596	rBV5	8438	13078	0.18%	0.007%
76	18.392	2615	2619	2625	rBV	68711	86692	1.22%	0.043%
77	18.592	2649	2653	2658	rBV	40772	57804	0.82%	0.029%
78	18.833	2690	2694	2696	rBV5	6156	8331	0.12%	0.004%
79	19.233	2752	2762	2771	rBV	2589147	3520550	49.64%	1.757%
80	19.456	2796	2800	2804	rVB	34741	45716	0.64%	0.023%
81	19.568	2813	2819	2830	rBV	4747062	6480572	91.37%	3.234%
82	20.492	2972	2976	2982	rBV	2485149	2779813	39.19%	1.387%
83	21.262	3103	3107	3117	rBV	3068347	3391361	47.82%	1.692%
84	21.356	3118	3123	3126	rVV	2890872	3844864	54.21%	1.919%
85	21.392	3126	3129	3138	rVB	5138073	6042872	85.20%	3.016%
86	22.127	3250	3254	3260	rVB	583050	780830	11.01%	0.390%
87	22.991	3394	3401	3408	rBV	4320086	7092330	100.00%	3.539%
88	23.491	3478	3486	3489	rBV	3056827	6077992	85.70%	3.033%
89	23.538	3489	3494	3502	rVV	3725521	6967089	98.23%	3.477%
90	23.633	3504	3510	3519	rVB	1937956	3595537	50.70%	1.794%
91	25.927	3893	3900	3916	rVB	1179263	3087186	43.53%	1.541%

Sum of corrected areas: 200384635

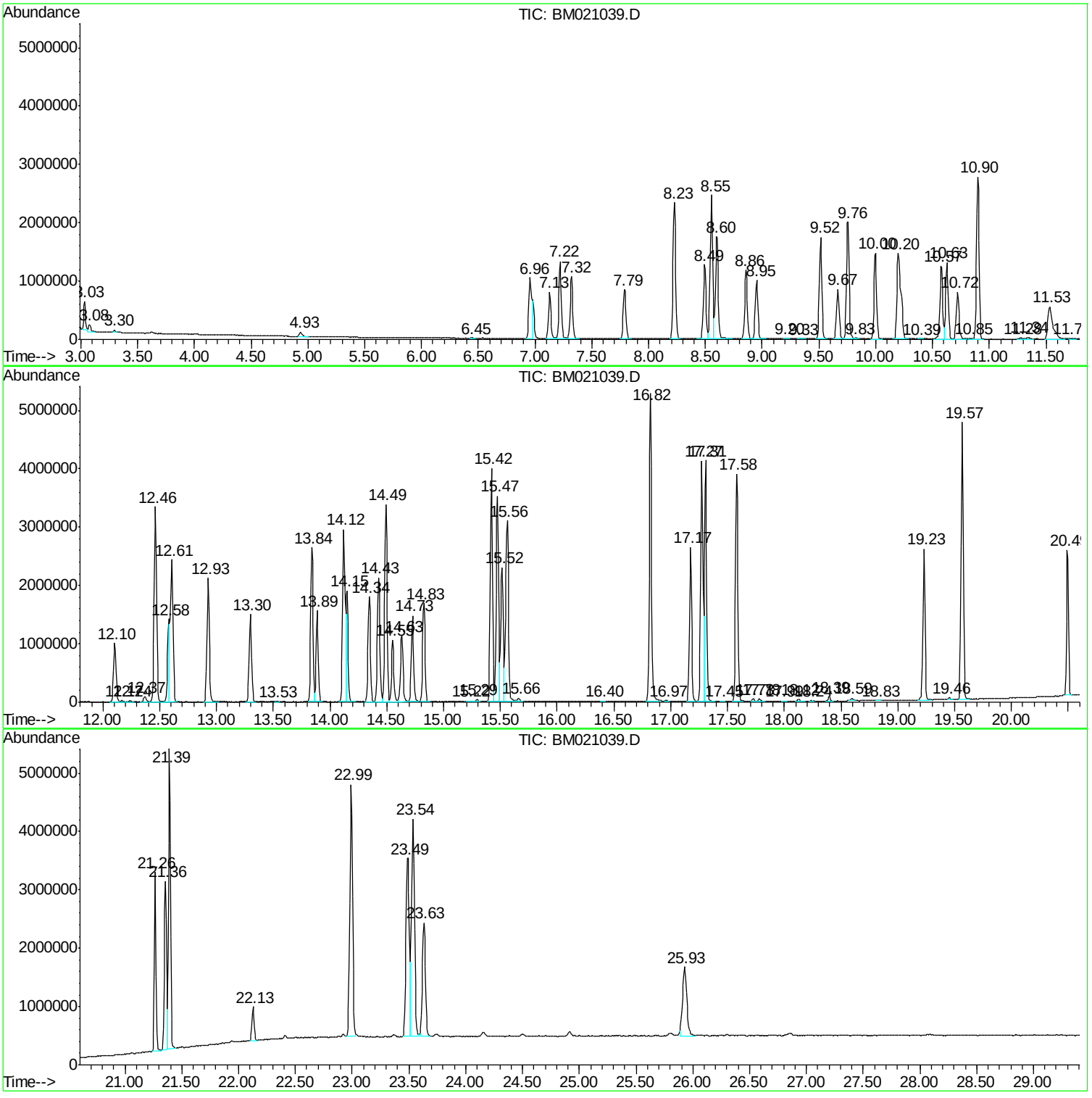
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM061919\
Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

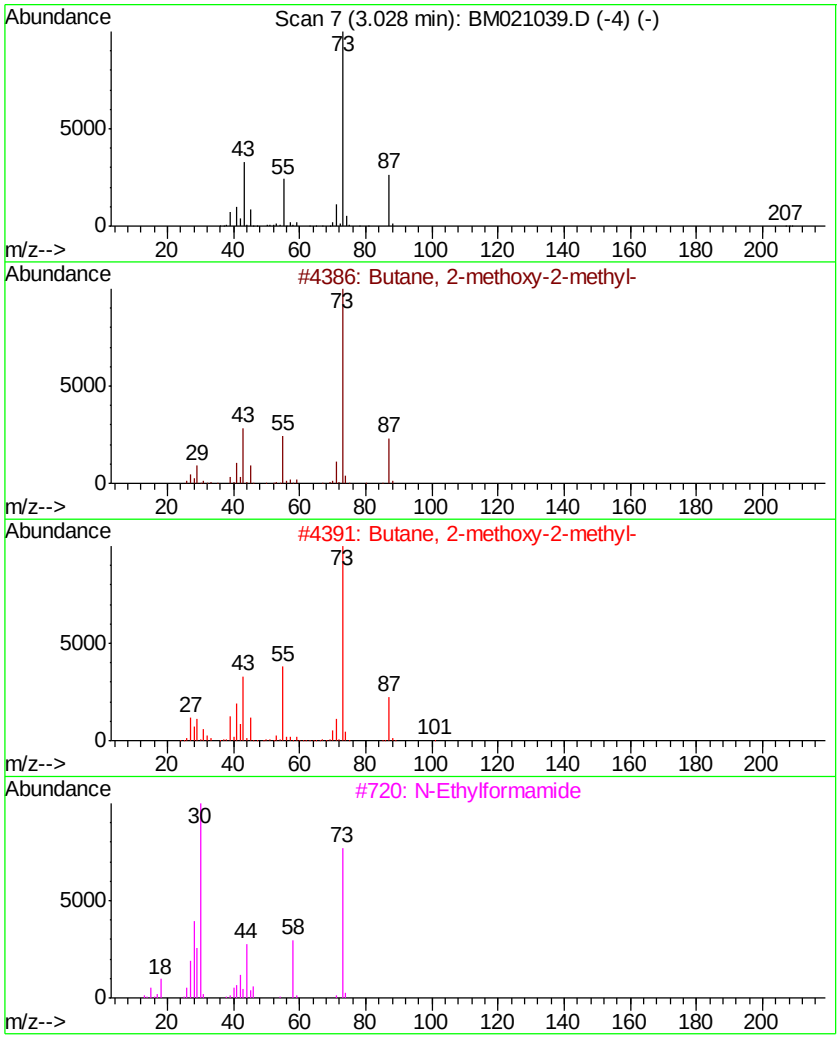
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

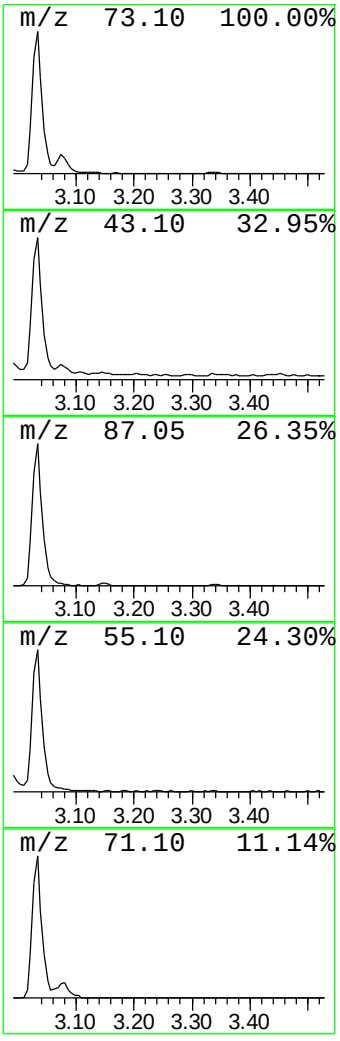
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	8.25 ng/ul	559078	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

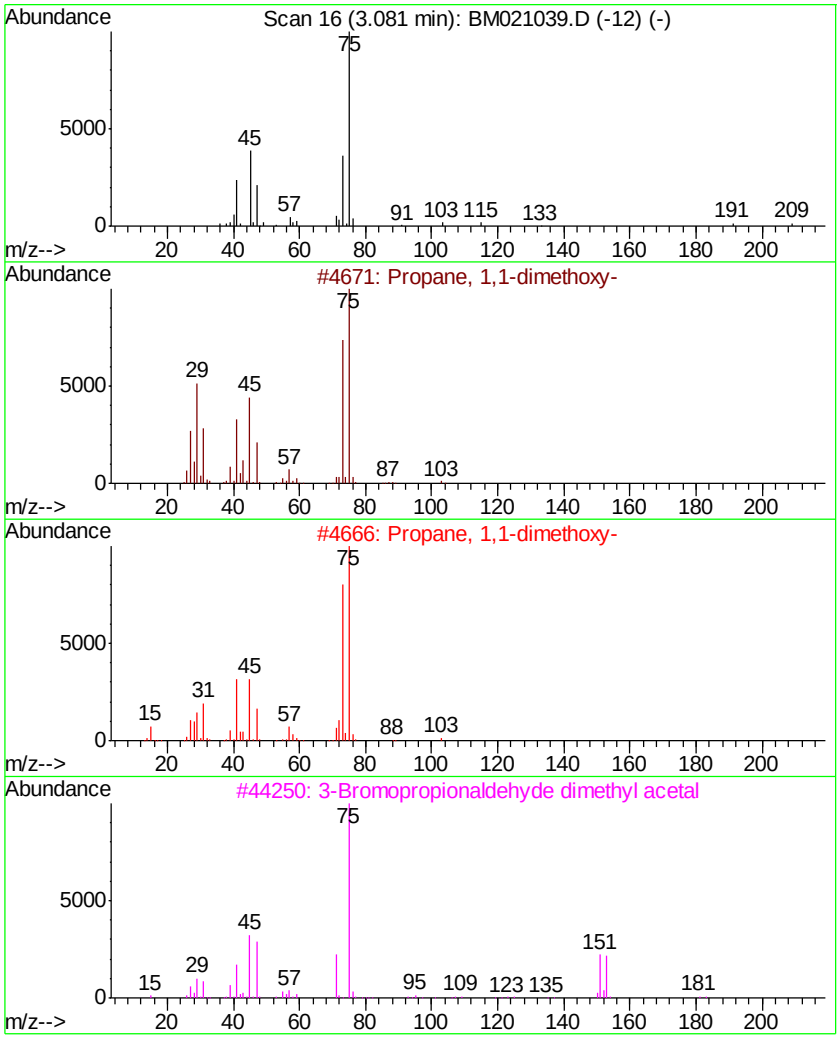
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

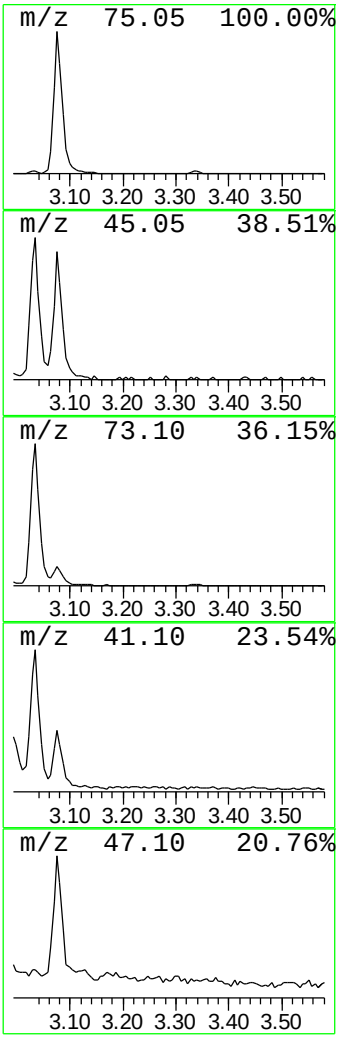
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	2.29 ng/ul	155598	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	56
3	3-Bromopropionaldehyde dimethyl ...	182	C5H11BrO2	036255-44-4	38
4	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	38
5	Benzene, [2-(ethylthio)ethyl]-	166	C10H14S	022914-08-5	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

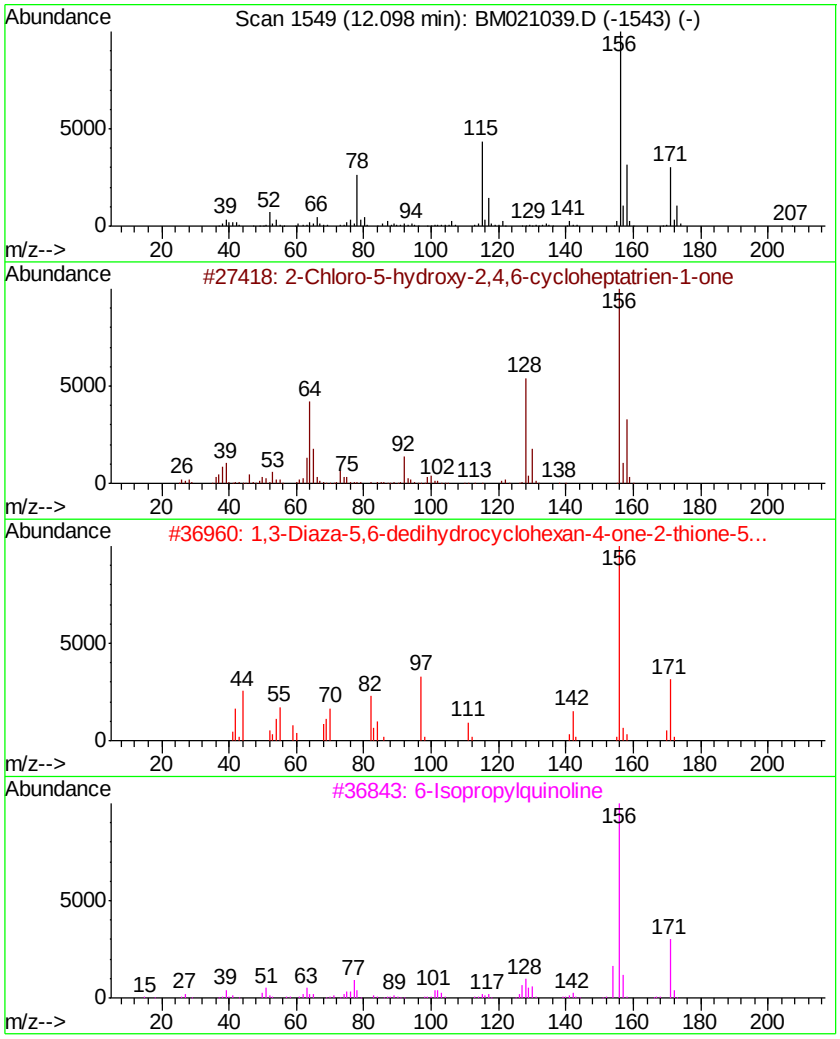
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

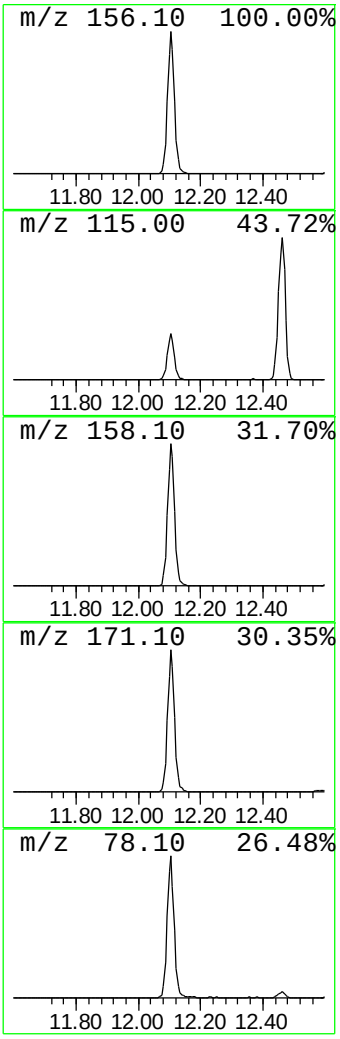
****

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	14.47 ng/ul	1590760	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
3	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
4	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28
5	2,2'-Bipyridine	156	C10H8N2	000366-18-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

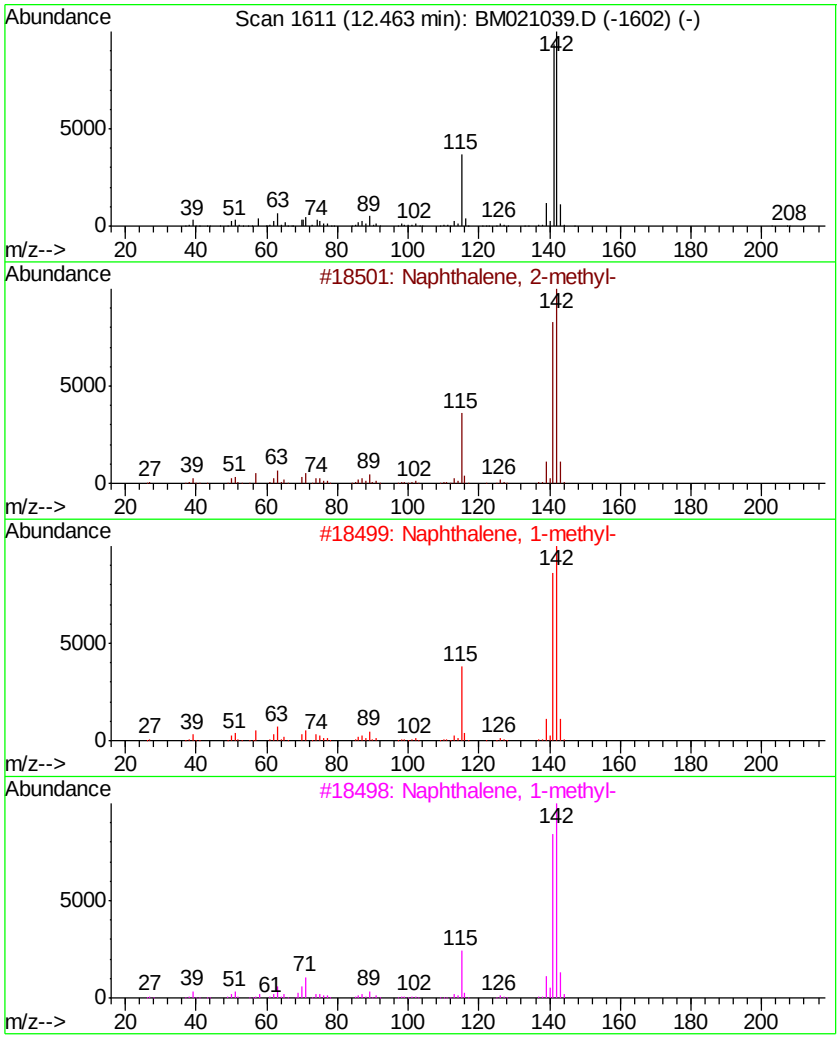
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

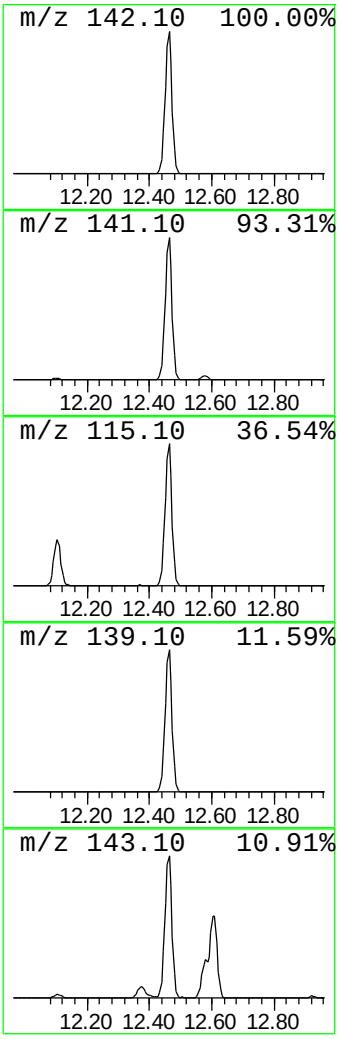
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	47.39 ng/ul	5210090	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Library Search Compound Report

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Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

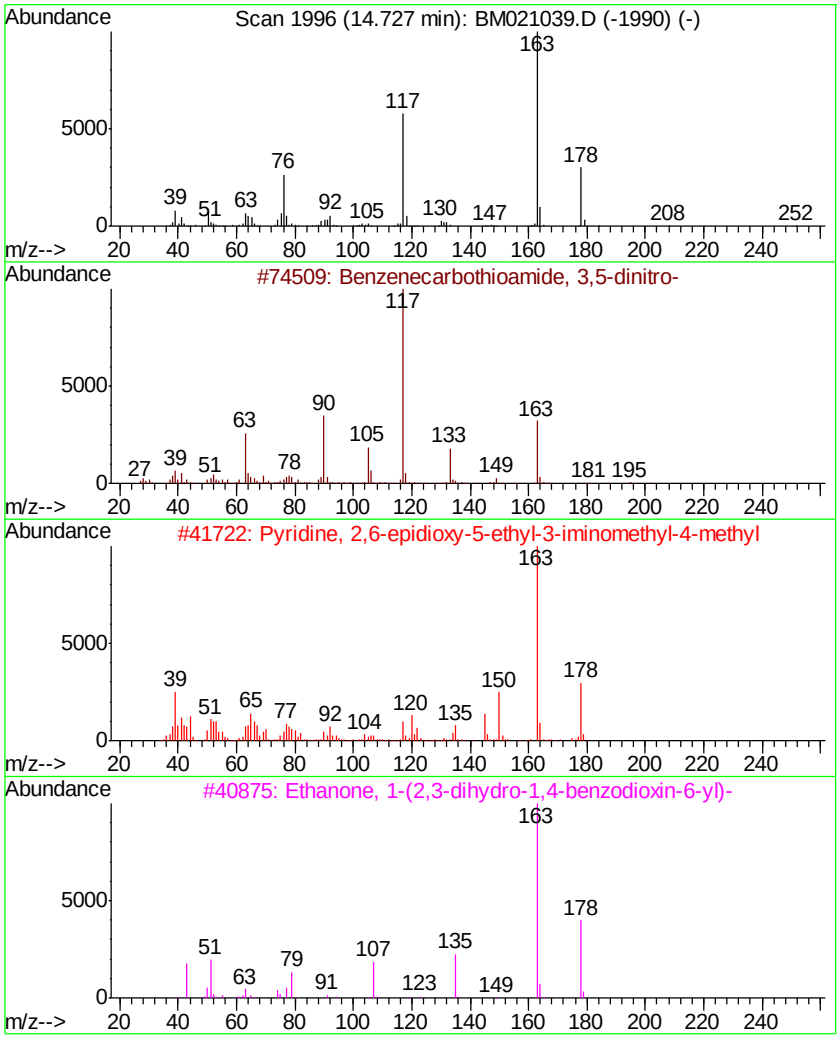
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

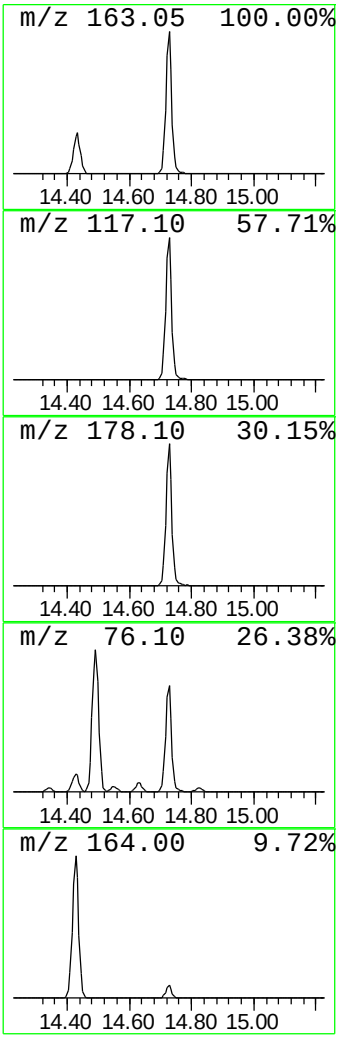
****

Peak Number 5 Benzenecarbothioamide, 3,5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	12.77 ng/ul	2025660	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenecarbothioamide, 3,5-dinitro-	227	C7H5N3O4S	037773-67-4	59
2	Pyridine, 2,6-epidioxy-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	50
3	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	49
4	Imidazole, 4,5-dichloro-2-isopro...	178	C6H8Cl2N2	1000262-40-5	47
5	Propofol	178	C12H18O	002078-54-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
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Misc :
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Instrument : BNA_M
ClientSampleId : DB8G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

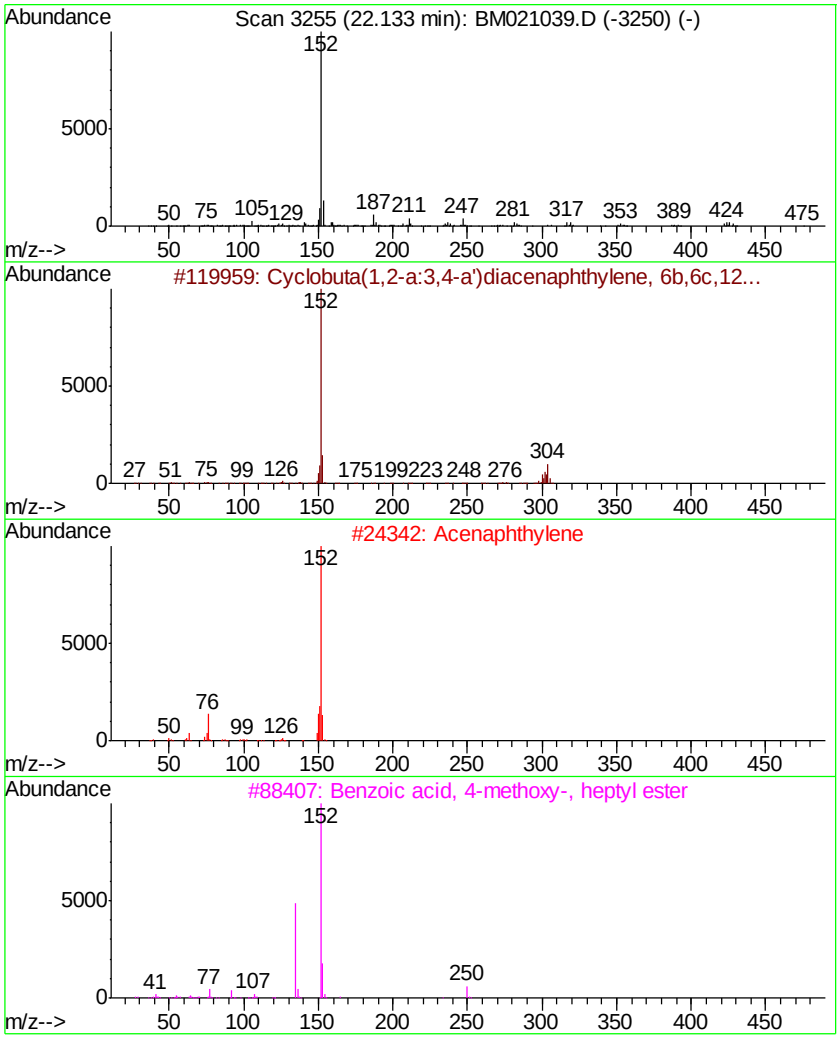
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

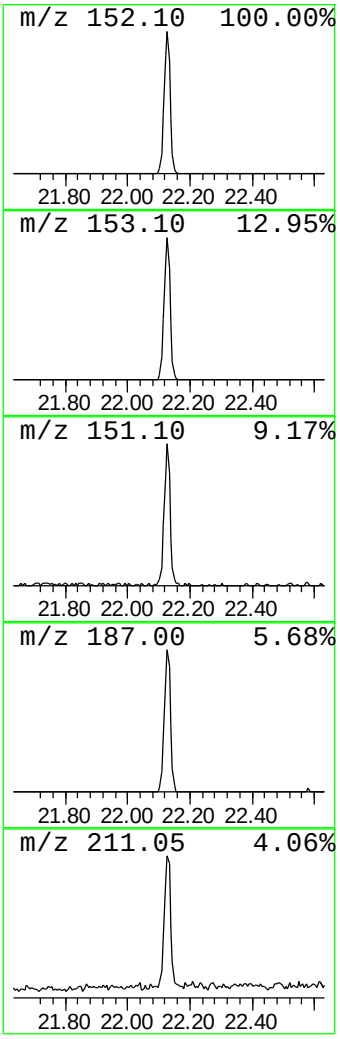
****

Peak Number 6 Cyclobuta(1,2-a:3,4-a')diac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	4.06 ng/ul	780830	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta(1,2-a:3,4-a')diacenaph...	304	C24H16	007259-03-2	72
2	Acenaphthylene	152	C12H8	000208-96-8	59
3	Benzoic acid, 4-methoxy-, heptyl...	250	C15H22O3	005452-08-4	12
4	2,6-Dimethoxytoluene	152	C9H12O2	005673-07-4	9
5	6-Mercaptopurine	152	C5H4N4S	000050-44-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061919\
Data File : BM021039.D
Acq On : 19 Jun 2019 17:05
Operator : HP/JU
Sample : K3213-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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...	3.03	8.3	ng/ul	559078	1	7.79	1356160	20.0
Propane, 1,1-dime...	3.08	2.3	ng/ul	155598	1	7.79	1356160	20.0
unknown-01	12.10	14.5	ng/ul	1590760	2	10.58	2199040	20.0
Naphthalene, 1-me...	12.46	47.4	ng/ul	5210090	2	10.58	2199040	20.0
Benzenecarbothioa...	14.73	12.8	ng/ul	2025660	3	14.43	3173610	20.0
Cyclobuta(1,2-a:3...	22.13	4.1	ng/ul	780830	5	21.36	3844860	20.0