LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021694.D
Acq On : 29 Jul 2019 13:22
Operator : HP/JU
Sample : K3890-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52U6

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-BM072619MA.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	4.852	314	317	323	rVB	57655	77534	1.73%	0.063%
2	6.863	653	659	662	rBV	649467	1178746	26.28%	0.954%
3	7.028	682	687	697	rBV	448157	737389	16.44%	0.597%
4	7.122	698	703	712	rVV	868777	1251501	27.90%	1.013%
5	7.216	713	719	728	rVB	682039	1084896	24.18%	0.878%
6	7.681	792	798	808	rVB	540499	851419	18.98%	0.689%
7	8.128	867	874	887	rBV	1545636	2353871	52.47%	1.905%
8	8.398	913	920	924	rBV	794923	1360323	30.32%	1.101%
9	8.457	924	930	933	rVV	1545897	2494836	55.61%	2.019%
10	8.498	933	937	949	rVB	1110425	1860884	41.48%	1.506%
11	8.739	972	978	986	rVB	849486	1353464	30.17%	1.095%
12	8.845	990	996	1009	rVB	679114	1116612	24.89%	0.903%
13	9.410	1085	1092	1107	rVB	1151453	1832815	40.86%	1.483%
14	9.557	1111	1117	1126	rVB	564618	929962	20.73%	0.752%
15	9.651	1126	1133	1144	rBV	1385969	2245584	50.06%	1.817%
16	9.892	1167	1174	1188	rVB	997794	1574048	35.09%	1.274%
17	10.092	1201	1208	1221	rBV2	985199	2317014	51.65%	1.875%
18	10.416	1259	1263	1265	rBV3	23774	34919	0.78%	0.028%
19	10.463	1265	1271	1275	rVV	789732	1288878	28.73%	1.043%
20	10.510	1275	1279	1287	rVB	893825	1433827	31.96%	1.160%
21	10.616	1290	1297	1311	rBV	707829	1254624	27.97%	1.015%
22	10.775	1318	1324	1335	rVB	1990827	3137317	69.93%	2.538%
23	11.163	1385	1390	1396	rBV4	11642	22236	0.50%	0.018%
24	11.222	1396	1400	1409	rVB3	22208	36044	0.80%	0.029%
25	11.445	1430	1438	1465	rBV	310362	1075825	23.98%	0.870%
26	11.998	1526	1532	1539	rBV	261241	416846	9.29%	0.337%
27	12.057	1539	1542	1547	rVV	16376	22525	0.50%	0.018%
28	12.128	1549	1554	1559	rVB2	13831	17625	0.39%	0.014%
29	12.263	1570	1577	1585	rBV2	112642	217259	4.84%	0.176%
30	12.351	1585	1592	1605	rVV	2228039	3476328	77.49%	2.813%
31	12.463	1605	1611	1613	rVV	760041	1083996	24.16%	0.877%
32	12.498	1613	1617	1626	rVB	1711537	2600056	57.96%	2.104%
33	12.827	1667	1673	1689	rBV	1380282	2112558	47.09%	1.709%
34	13.198	1729	1736	1744	rVB	968326	1431575	31.91%	1.158%

LSC Area Percent Report

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Acq On : 29 Jul 2019 13:22
Operator : HP/JU
Sample : K3890-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52U6

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-BM072619MA.M
Title : SVOA CALIBRATION

35	13.427	1772	1775	1778	rVB3	5072	5503	0.12%	0.004%
36	13.745	1822	1829	1833	rBV	1741288	2358609	52.58%	1.908%
37	13.792	1833	1837	1845	rVB	1022644	1324757	29.53%	1.072%
38	14.022	1868	1876	1879	rBV	1925042	3227484	71.94%	2.611%
39	14.045	1879	1880	1893	rVB	1189647	1335891	29.78%	1.081%
40	14.263	1910	1917	1922	rBV	1380799	2028865	45.23%	1.642%
41	14.327	1922	1928	1933	rVV2	1266939	1918956	42.78%	1.553%
42	14.392	1933	1939	1946	rVV	2236515	3138354	69.96%	2.539%
43	14.474	1946	1953	1961	rVV	683923	1069383	23.84%	0.865%
44	14.557	1961	1967	1975	rVV	703847	1112639	24.80%	0.900%
45	14.633	1975	1980	1990	rVV	414604	601431	13.41%	0.487%
46	14.727	1990	1996	2008	rVB	1135615	1618685	36.08%	1.310%
47	15.204	2074	2077	2083	rVB	7365	9548	0.21%	0.008%
48	15.327	2091	2098	2102	rBV	2449613	3534589	78.79%	2.860%
49	15.374	2102	2106	2111	rVV2	2364062	3216328	71.70%	2.602%
50	15.433	2111	2116	2119	rVV	1395023	2165674	48.28%	1.752%
51	15.480	2119	2124	2134	rVV2	2114201	3689904	82.25%	2.986%
52	15.563	2135	2138	2146	rVB	33645	55712	1.24%	0.045%
53	16.110	2227	2231	2236	rVB4	8057	10422	0.23%	0.008%
54	16.733	2330	2337	2352	rBV	3191018	4486090	100.00%	3.630%
55	16.868	2356	2360	2364	rVB3	5292	8985	0.20%	0.007%
56	17.080	2390	2396	2402	rBV2	1553954	2136570	47.63%	1.729%
57	17.180	2407	2413	2416	rBV2	2611750	3769167	84.02%	3.050%
58	17.215	2416	2419	2430	rVB	2670263	3463359	77.20%	2.802%
59	17.498	2460	2467	2487	rBV	2340642	3390215	75.57%	2.743%
60	17.639	2488	2491	2496	rVV5	7127	11013	0.25%	0.009%
61	17.692	2496	2500	2505	rVV	51589	62944	1.40%	0.051%
62	18.045	2557	2560	2565	rVB3	4649	7599	0.17%	0.006%
63	18.304	2599	2604	2612	rBV3	22502	31191	0.70%	0.025%
64	18.515	2636	2640	2646	rBV3	18231	33753	0.75%	0.027%
65	19.145	2738	2747	2758	rBV	1558935	2124532	47.36%	1.719%
66	19.368	2781	2785	2790	rBV2	17252	20394	0.45%	0.017%
67	19.480	2798	2804	2813	rBV	2794728	3899622	86.93%	3.155%
68	20.415	2958	2963	2968	rBV	1478923	1604823	35.77%	1.299%
69	21.186	3090	3094	3104	rBV	1873488	1954384	43.57%	1.581%
70	21.280	3105	3110	3113	rVV	1455075	1955230	43.58%	1.582%
71	21.315	3113	3116	3125	rVB	2609392	3247525	72.39%	2.628%

LSC Area Percent Report

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Acq On : 29 Jul 2019 13:22
Operator : HP/JU
Sample : K3890-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52U6

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-BM072619MA.M
Title : SVOA CALIBRATION

72	22.033	3234	3238	3243	rVB	366874	484763	10.81%	0.392%
73	22.892	3378	3384	3395	rVB	2339783	3811351	84.96%	3.084%
74	23.374	3460	3466	3470	rBV	1780700	3375026	75.23%	2.731%
75	23.421	3470	3474	3483	rVV	2052628	3634520	81.02%	2.941%
76	23.515	3484	3490	3499	rVB2	931228	1773607	39.54%	1.435%
77	25.762	3866	3872	3885	rVB	570002	1596812	35.59%	1.292%

Sum of corrected areas: 123589545

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
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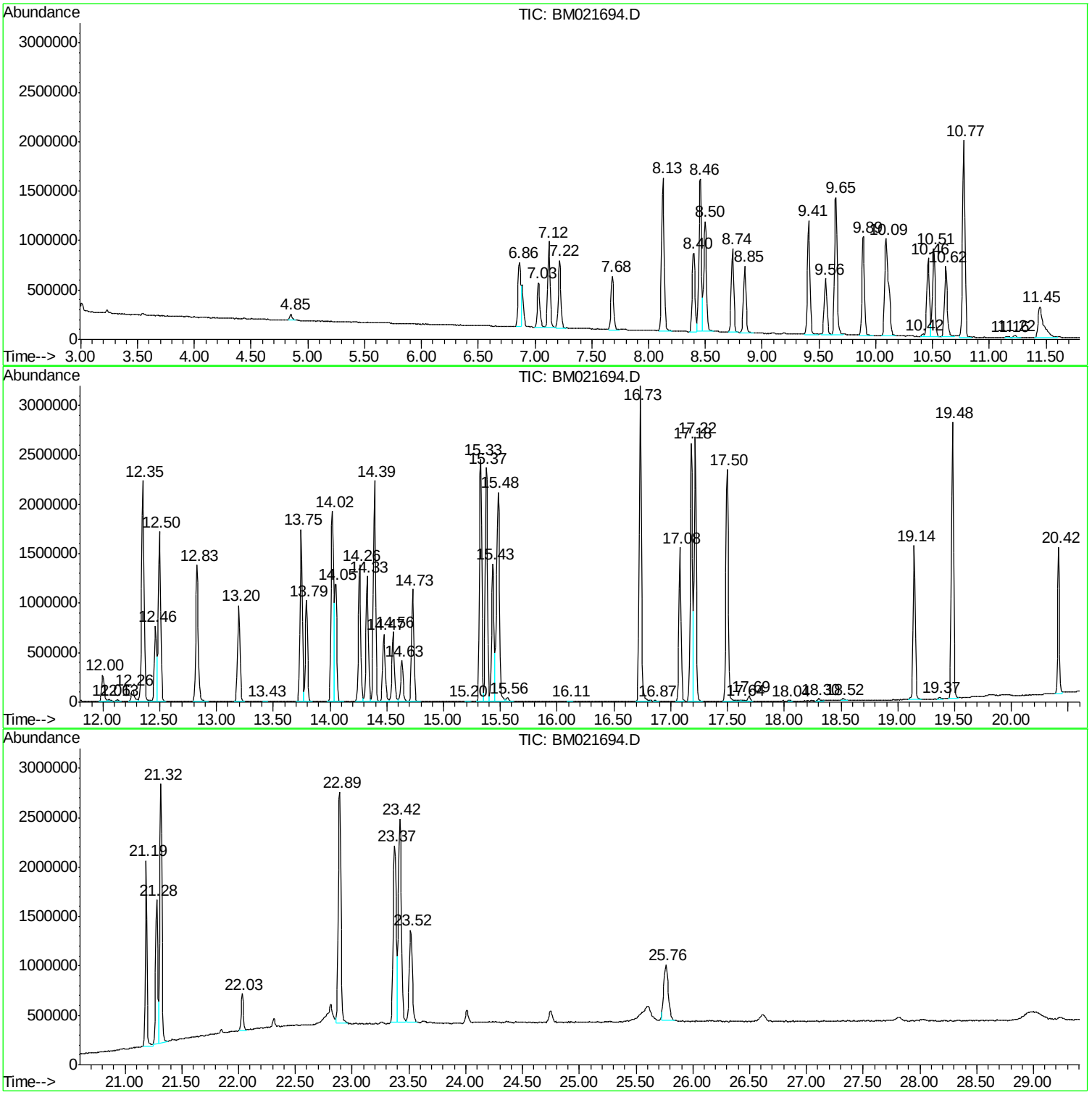
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52U6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.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\BM072919\
Data File : BM021694.D
Acq On : 29 Jul 2019 13:22
Operator : HP/JU
Sample : K3890-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52U6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

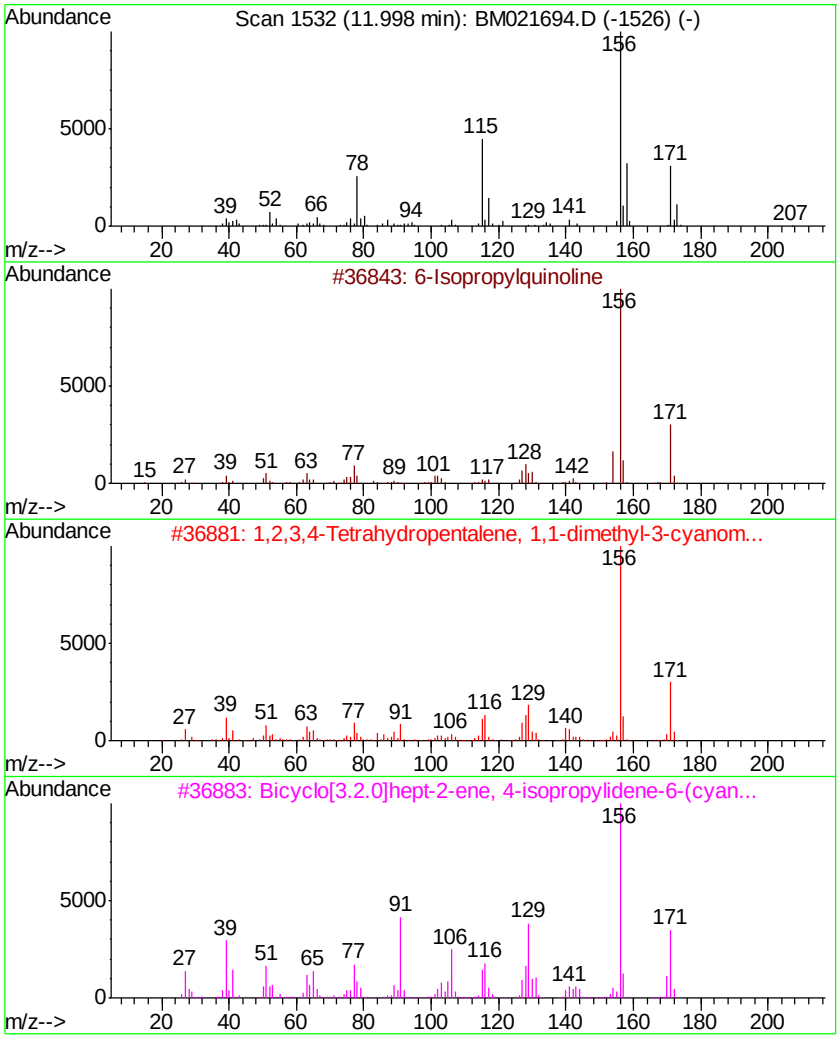
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

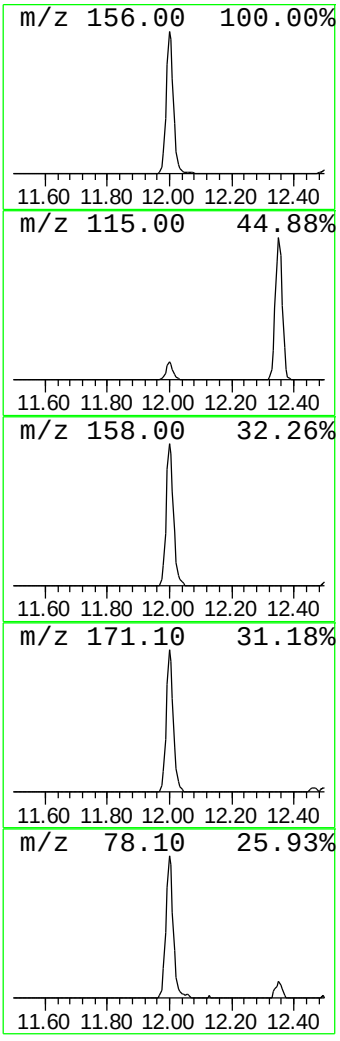
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.47 ng/ul	416846	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
2	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
3	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
4	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28
5	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021694.D
Acq On : 29 Jul 2019 13:22
Operator : HP/JU
Sample : K3890-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52U6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

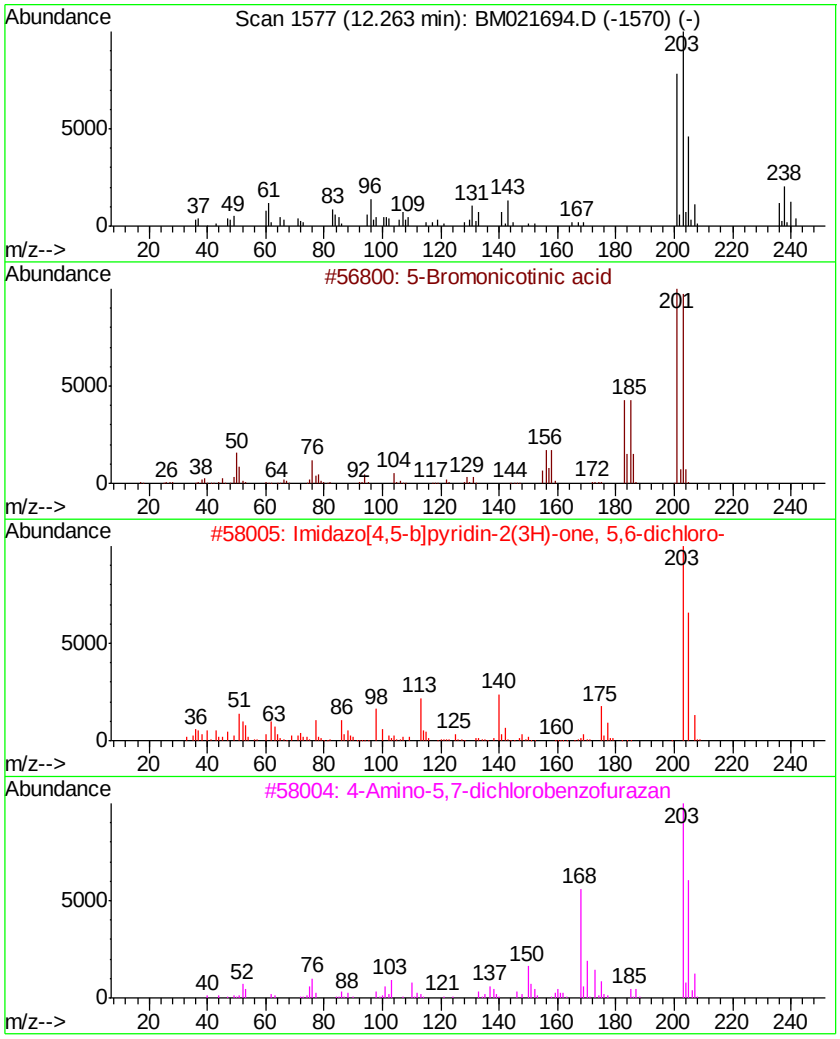
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

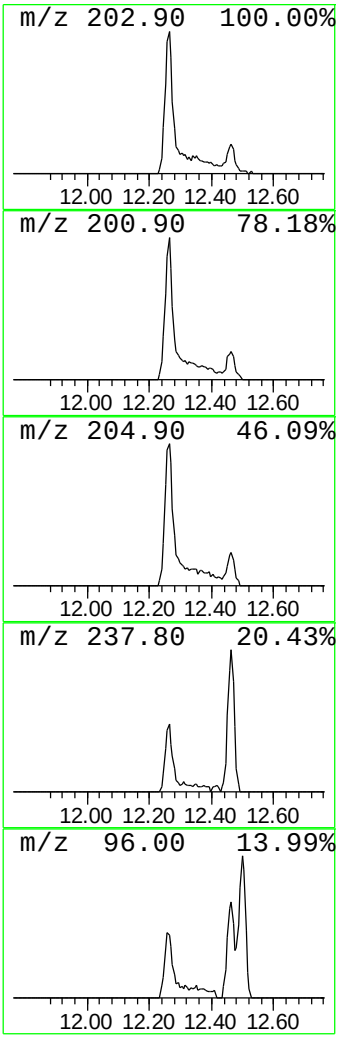
****

Peak Number 2 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.37 ng/ul	217259	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromonicotinic acid	201	C6H4BrNO2	020826-04-4	43
2	Imidazo[4,5-b]pyridin-2(3H)-one,...	203	C6H3Cl2N3O	1000269-62-7	35
3	4-Amino-5,7-dichlorobenzofurazan	203	C6H3Cl2N3O	330982-41-7	35
4	3,5-Dichlorophenyl isothiocyanate	203	C7H3Cl2NS	006590-93-8	25
5	Disugran	234	C9H8Cl2O3	006597-78-0	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021694.D
Acq On : 29 Jul 2019 13:22
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52U6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

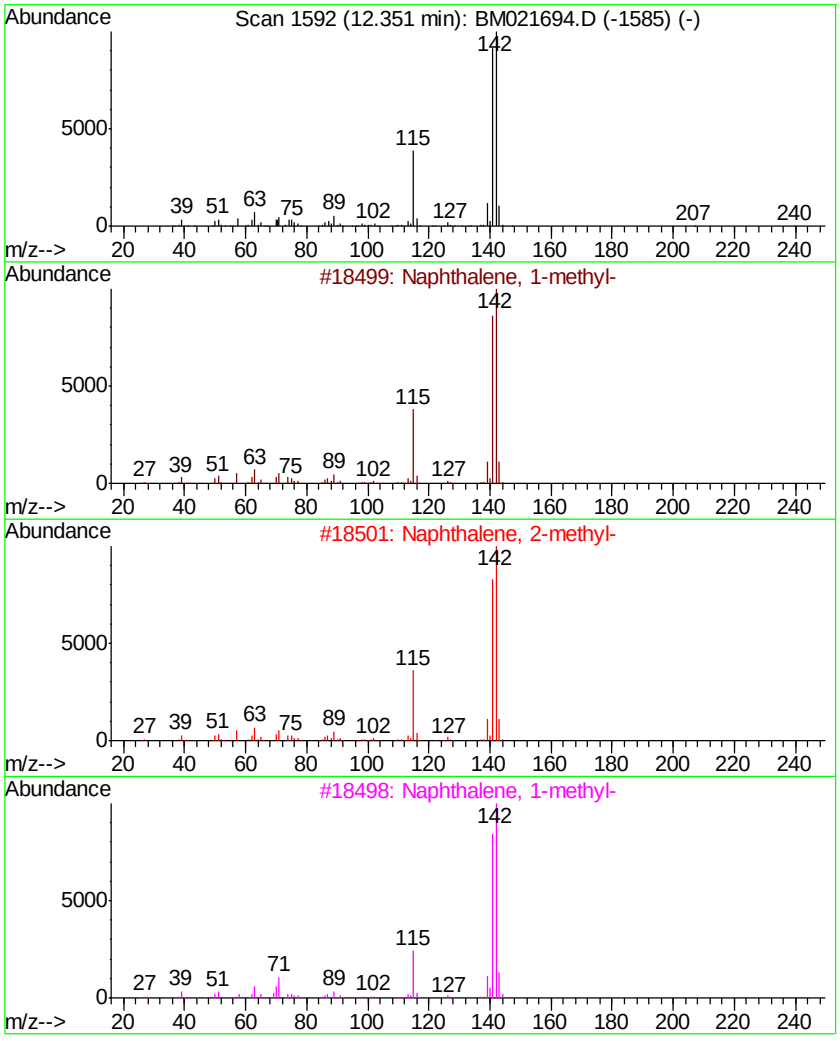
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

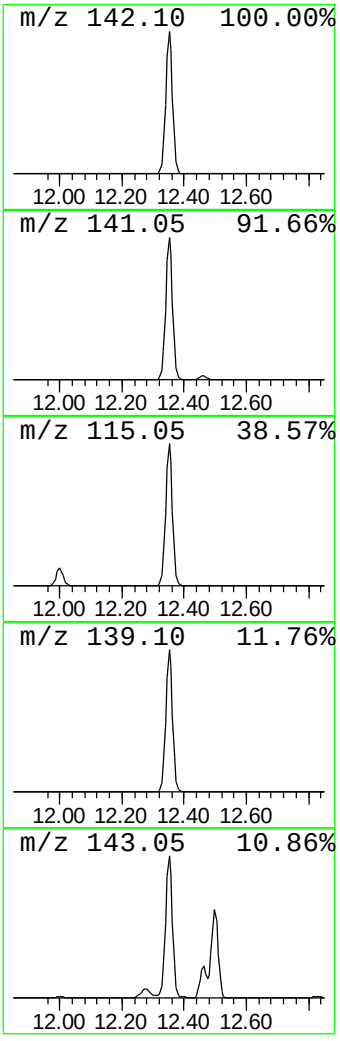
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	53.94 ng/ul	3476330	Naphthalene-d8	10.46

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





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52U6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

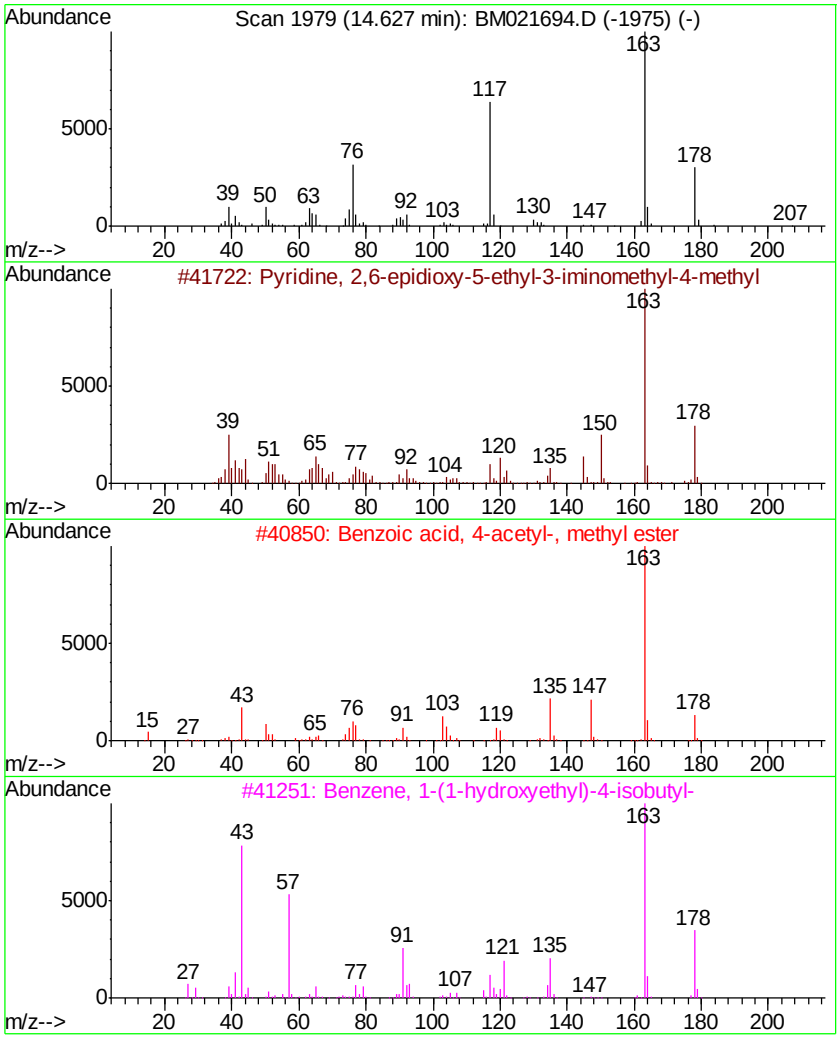
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

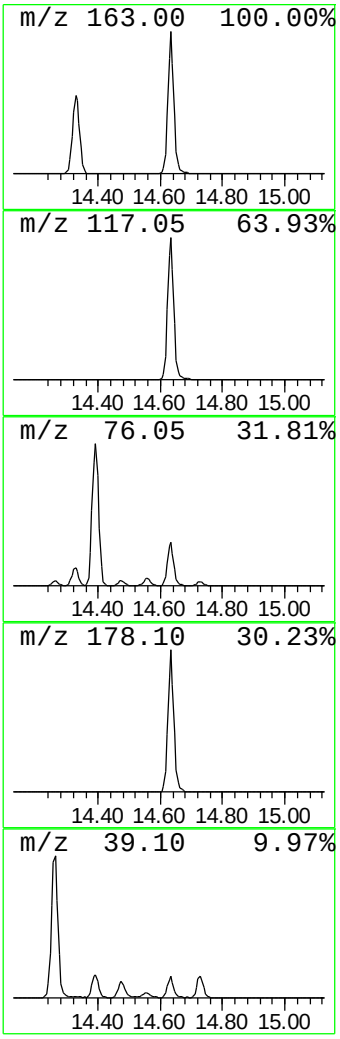
****

Peak Number 4 Pyridine, 2,6-epidioxy-5-et... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	6.27 ng/ul	601431	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,6-epidioxy-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	50
2	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	50
3	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	50
4	Propofol	178	C12H18O	002078-54-8	47
5	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	46





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : A52U6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

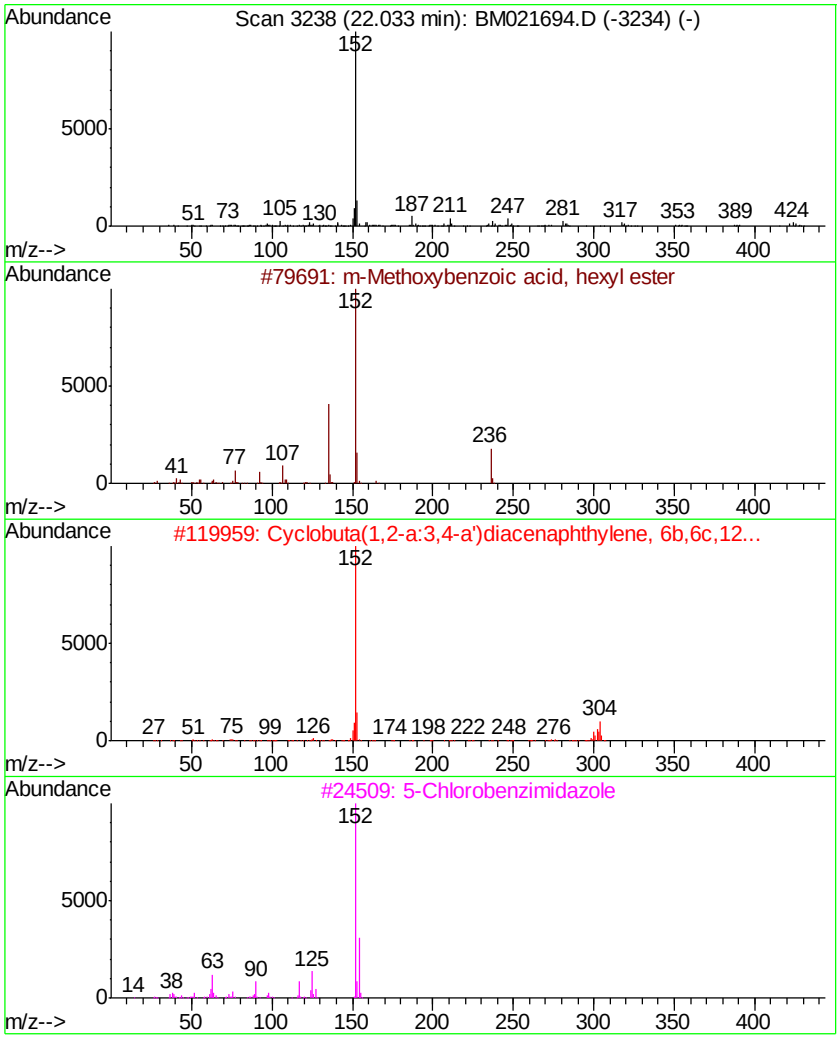
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

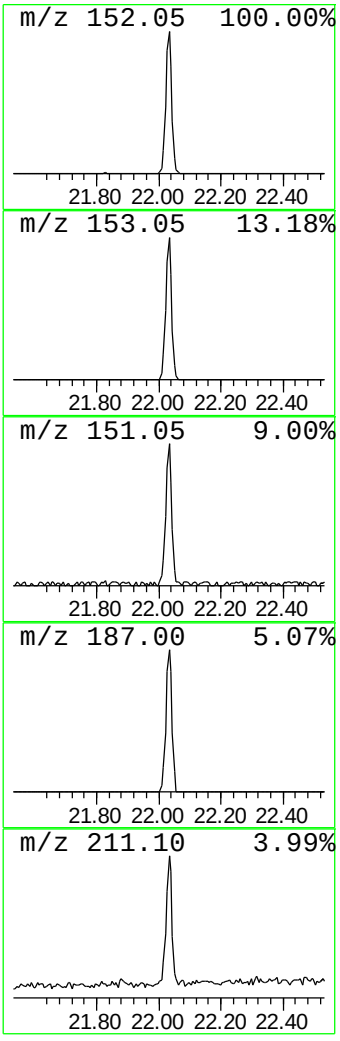
****

Peak Number 5 m-Methoxybenzoic acid, hexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	4.96 ng/ul	484763	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Methoxybenzoic acid, hexyl ester	236	C14H20O3	1000292-36-7	64
2	Cyclobuta(1,2-a:3,4-a')diacenaph...	304	C24H16	007259-03-2	64
3	5-Chlorobenzimidazole	152	C7H5ClN2	004887-82-5	9
4	p-Hydrazinobenzoic acid	152	C7H8N2O2	000619-67-0	9
5	6-Mercaptopurine	152	C5H4N4S	000050-44-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
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Sample : K3890-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52U6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.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
unknown-01	12.00	6.5	ng/ul	416846	2	10.46	1288880	20.0
unknown-02	12.26	3.4	ng/ul	217259	2	10.46	1288880	20.0
Naphthalene, 1-me...	12.35	53.9	ng/ul	3476330	2	10.46	1288880	20.0
Pyridine, 2,6-epi...	14.63	6.3	ng/ul	601431	3	14.33	1918960	20.0
m-Methoxybenzoic ...	22.03	5.0	ng/ul	484763	5	21.28	1955230	20.0