Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023129.D
Acq On : 11 Oct 2019 14:44
Operator : JU
Sample : K5124-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM90

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-BM092719MA.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	3.258	43	46	52	rVB	14566	19603	1.00%	0.088%
2	3.769	129	133	137	rBV	7779	10513	0.54%	0.047%
3	3.893	150	154	160	rVB	12872	21141	1.08%	0.095%
4	3.981	165	169	175	rVB2	7445	10072	0.51%	0.045%
5	4.705	290	292	295	rBV4	1688	2025	0.10%	0.009%
6	4.899	322	325	329	rBV	4875	7017	0.36%	0.032%
7	6.004	510	513	515	rVB4	1924	2079	0.11%	0.009%
8	6.446	584	588	592	rBV5	2601	5127	0.26%	0.023%
9	6.687	627	629	635	rVB5	1607	2804	0.14%	0.013%
10	6.940	665	672	686	rBV2	283594	505434	25.83%	2.270%
11	7.104	693	700	709	rBV	191969	318528	16.28%	1.431%
12	7.304	727	734	745	rVB	290452	465929	23.81%	2.093%
13	7.398	747	750	753	rBV3	2320	2937	0.15%	0.013%
14	7.769	806	813	821	rBV	529313	842730	43.07%	3.785%
15	7.840	821	825	830	rVB3	4723	7751	0.40%	0.035%
16	8.022	852	856	862	rVB5	2097	3082	0.16%	0.014%
17	8.475	926	933	940	rBV	320264	512170	26.17%	2.300%
18	8.598	949	954	960	rVB4	2553	5287	0.27%	0.024%
19	8.734	975	977	980	rBV3	1642	1983	0.10%	0.009%
20	8.922	1001	1009	1020	rBV	239121	398840	20.38%	1.791%
21	9.045	1027	1030	1033	rVB3	2012	2432	0.12%	0.011%
22	9.357	1078	1083	1089	rVB3	5549	9050	0.46%	0.041%
23	9.639	1124	1131	1139	rBV	196832	327333	16.73%	1.470%
24	10.181	1215	1223	1230	rBV	332694	541190	27.66%	2.431%
25	10.557	1279	1287	1294	rBV	693449	1166078	59.59%	5.237%
26	10.692	1303	1310	1321	rBV	216857	388596	19.86%	1.745%
27	11.633	1469	1470	1474	rVB3	2141	2009	0.10%	0.009%
28	12.086	1542	1547	1555	rBV	76262	127624	6.52%	0.573%
29	12.139	1555	1556	1562	rVB	4432	5915	0.30%	0.027%
30	12.745	1655	1659	1663	rBV5	2762	4950	0.25%	0.022%
31	12.898	1682	1685	1688	rBV3	2424	3649	0.19%	0.016%
32	12.922	1688	1689	1695	rVB3	1666	2368	0.12%	0.011%
33	13.022	1702	1706	1709	rVB3	1781	2483	0.13%	0.011%
34	13.239	1738	1743	1747	rVB2	2550	3572	0.18%	0.016%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM90

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-BM092719MA.M
Title : SVOA CALIBRATION

35	13.304	1750	1754	1761	rBV2	5634	10048	0.51%	0.045%
36	13.510	1781	1789	1792	rBV3	3136	3825	0.20%	0.017%
37	13.686	1817	1819	1822	rVB2	2307	2169	0.11%	0.010%
38	13.727	1822	1826	1829	rBV3	2599	2676	0.14%	0.012%
39	13.816	1835	1841	1845	rBV	519260	715091	36.54%	3.212%
40	13.863	1845	1849	1855	rVB	172429	233550	11.93%	1.049%
41	14.098	1879	1889	1896	rBV	604924	906739	46.34%	4.072%
42	14.316	1922	1926	1929	rBV3	4100	6127	0.31%	0.028%
43	14.404	1935	1941	1950	rBV2	985042	1424882	72.81%	6.399%
44	14.604	1969	1975	1987	rBV	154494	265937	13.59%	1.194%
45	14.763	1997	2002	2005	rBV2	3250	3549	0.18%	0.016%
46	14.827	2007	2013	2017	rBV3	21907	31795	1.62%	0.143%
47	15.210	2076	2078	2084	rBV3	2014	2987	0.15%	0.013%
48	15.263	2084	2087	2091	rVB4	3526	4555	0.23%	0.020%
49	15.398	2104	2110	2117	rBV	782037	1084996	55.45%	4.873%
50	15.457	2117	2120	2124	rVB2	2156	2327	0.12%	0.010%
51	15.516	2124	2130	2140	rBV	164173	228667	11.69%	1.027%
52	15.639	2147	2151	2154	rBV2	7555	9790	0.50%	0.044%
53	15.792	2173	2177	2182	rBV5	13137	18158	0.93%	0.082%
54	15.886	2189	2193	2195	rBV5	1770	2756	0.14%	0.012%
55	15.951	2199	2204	2213	rVV2	23354	50318	2.57%	0.226%
56	16.027	2213	2217	2224	rVV	61472	89710	4.58%	0.403%
57	16.080	2224	2226	2228	rVV3	4361	4741	0.24%	0.021%
58	16.121	2231	2233	2236	rVV3	7239	9458	0.48%	0.042%
59	16.151	2236	2238	2241	rVV3	5688	6065	0.31%	0.027%
60	16.180	2241	2243	2248	rVB3	4226	5741	0.29%	0.026%
61	16.398	2276	2280	2281	rBV3	3088	2696	0.14%	0.012%
62	16.498	2295	2297	2303	rVB	5143	6040	0.31%	0.027%
63	16.551	2303	2306	2309	rBV3	5273	6069	0.31%	0.027%
64	16.633	2316	2320	2327	rBV3	16945	25569	1.31%	0.115%
65	16.815	2349	2351	2354	rBV4	2705	2691	0.14%	0.012%
66	16.921	2365	2369	2374	rBV5	4283	8953	0.46%	0.040%
67	17.045	2385	2390	2394	rBV4	9031	13221	0.68%	0.059%
68	17.145	2401	2407	2416	rBV2	1111873	1528693	78.12%	6.866%
69	17.245	2417	2424	2433	rBV	812926	1160691	59.31%	5.213%
70	17.345	2437	2441	2446	rVB3	42457	59897	3.06%	0.269%
71	17.533	2471	2473	2478	rVB5	8220	9751	0.50%	0.044%

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Acq On : 11 Oct 2019 14:44
Operator : JU
Sample : K5124-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM90

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0

Filtering: 5
Min Area: 0.1 % of largest Peak
Max Peaks: 100
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-BM092719MA.M
Title : SVOA CALIBRATION

72	17.821	2520	2522	2524	rBV3	4441	3973	0.20%	0.018%
73	18.045	2555	2560	2569	rBV2	72348	115206	5.89%	0.517%
74	19.539	2809	2814	2822	rBV	1057899	1408569	71.98%	6.326%
75	20.092	2905	2908	2911	rBV	47386	59563	3.04%	0.268%
76	21.039	3064	3069	3076	rBV2	549174	1013017	51.77%	4.550%
77	21.327	3114	3118	3123	rVB	1428108	1705132	87.14%	7.658%
78	21.927	3217	3220	3231	rVB3	203166	391342	20.00%	1.758%
79	22.515	3318	3320	3325	rVB	205235	255612	13.06%	1.148%
80	23.433	3471	3476	3491	rVB	801866	1673018	85.49%	7.514%
81	23.580	3495	3501	3510	rVB	1063832	1956876	100.00%	8.789%

Sum of corrected areas: 22265537

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023129.D
Acq On : 11 Oct 2019 14:44
Operator : JU
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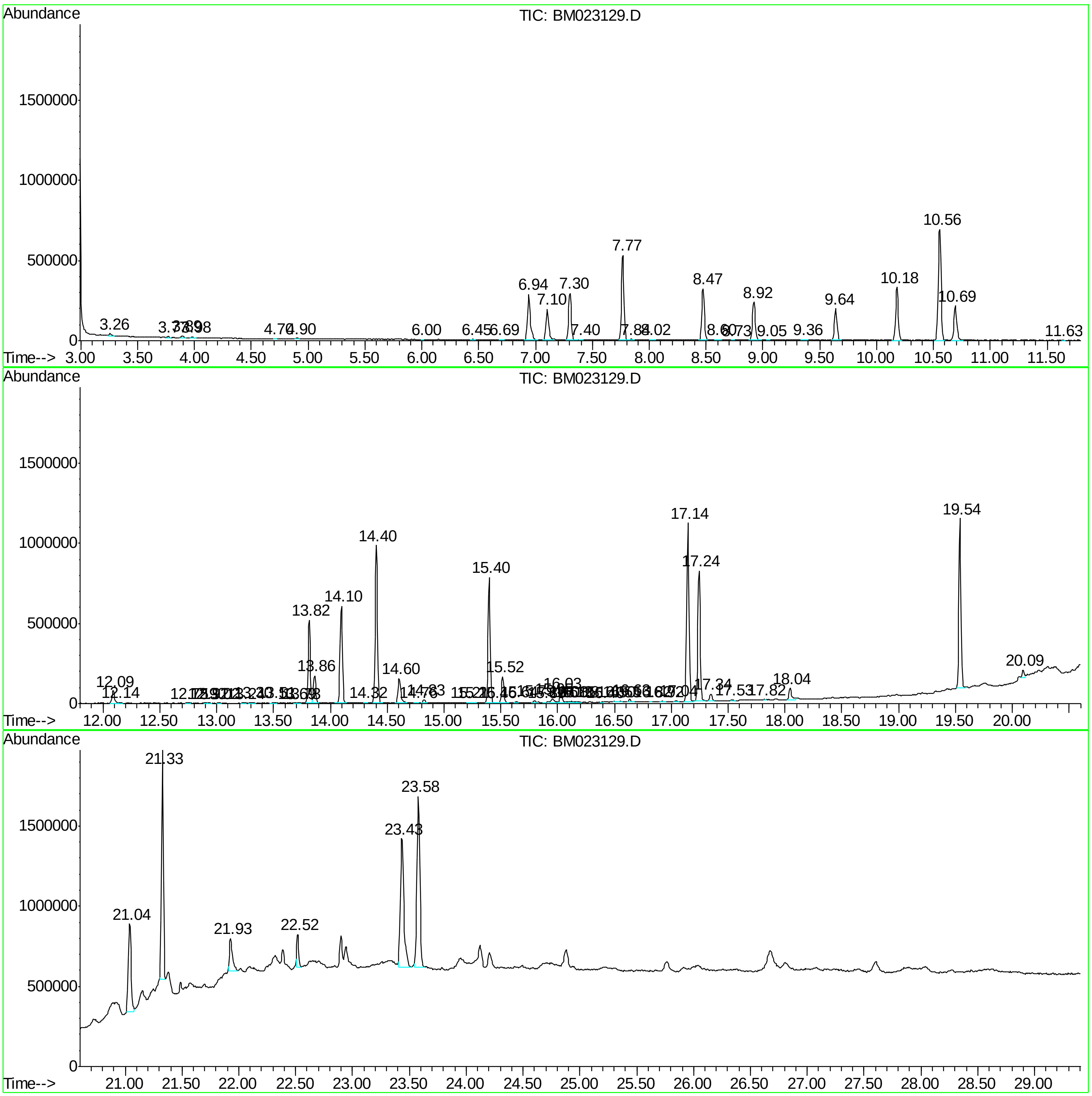
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023129.D
Acq On : 11 Oct 2019 14:44
Operator : JU
Sample : K5124-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

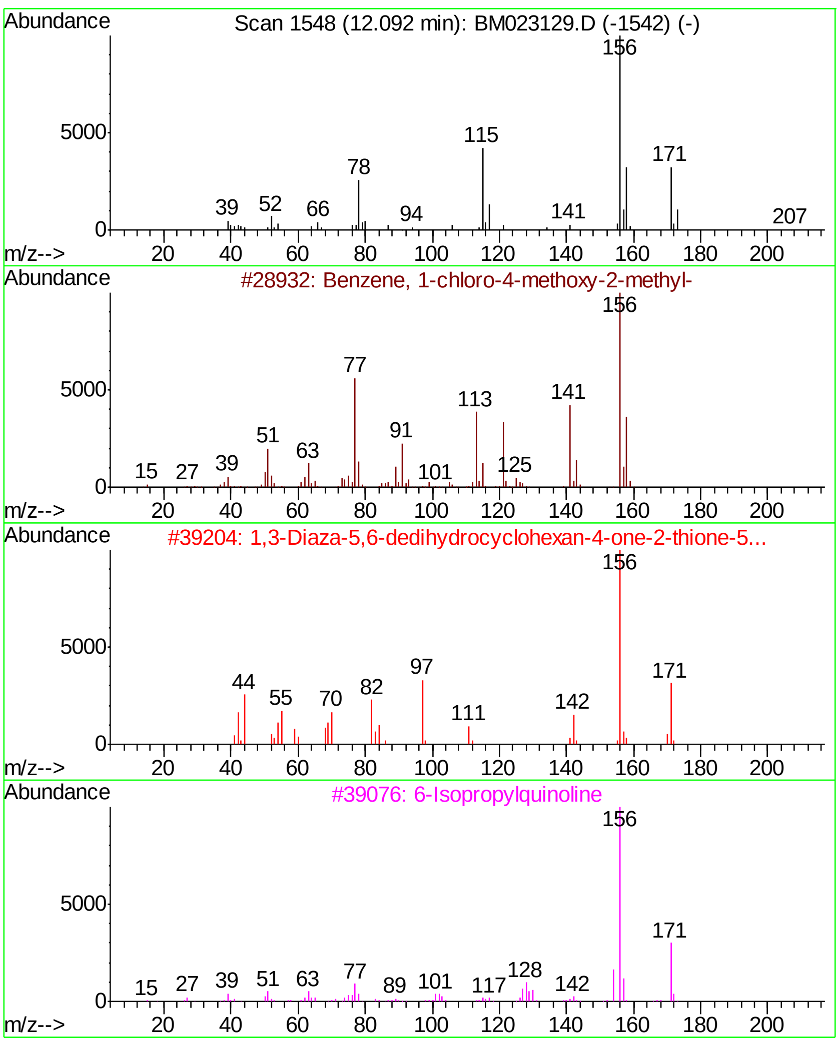
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

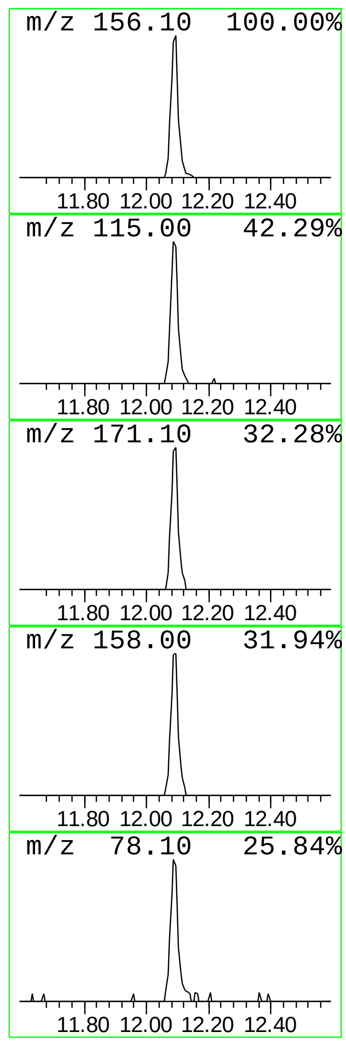
****

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.19 ng/ul	127624	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	43
2	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
3	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
4	Chloroxylenol	156	C8H9ClO	000088-04-0	32
5	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
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Sample : K5124-14
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Instrument :
BNA_M
ClientSampleId :
JLM90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

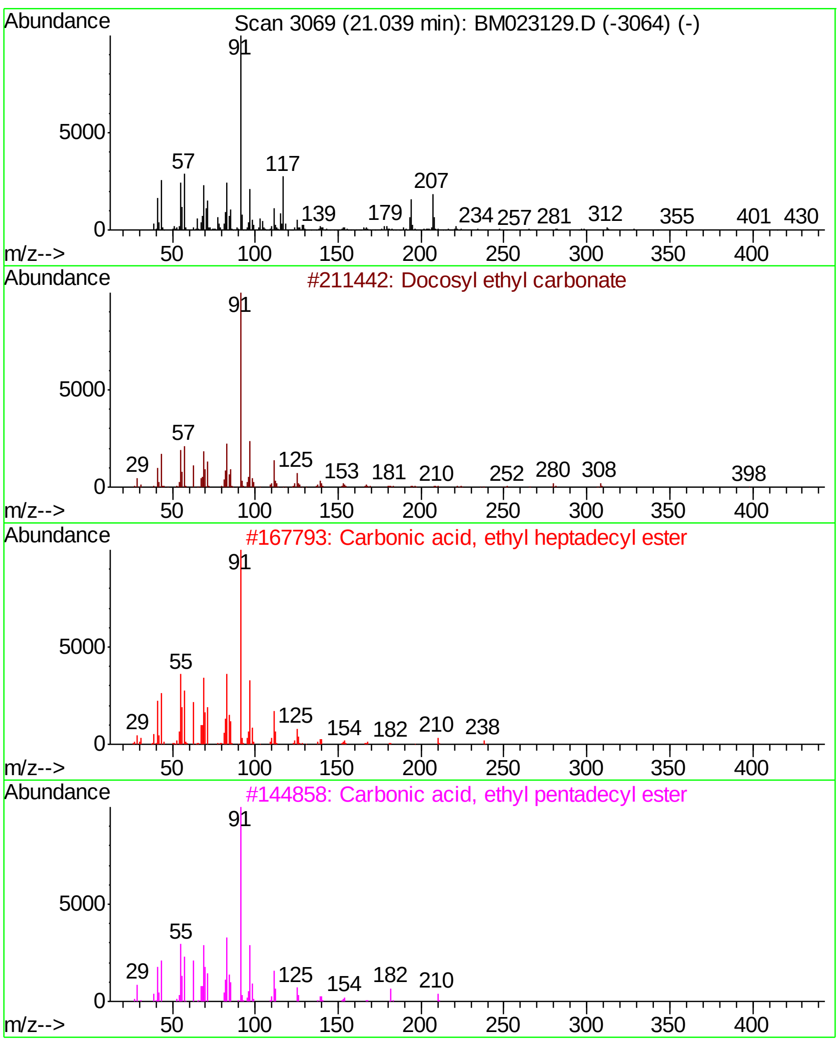
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

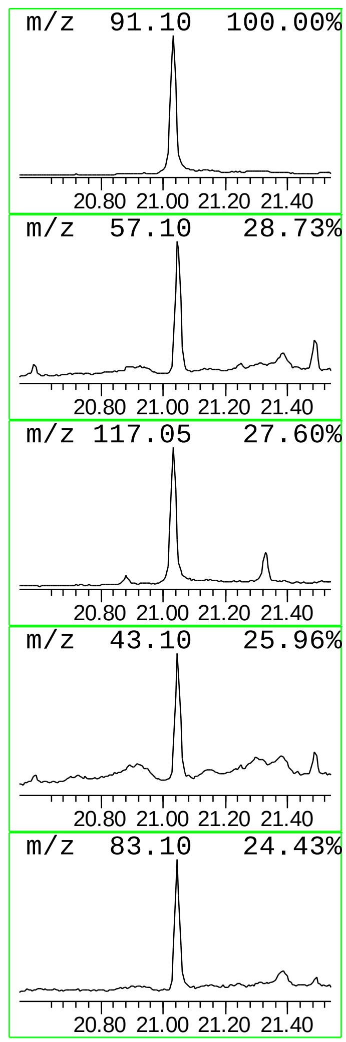
****

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	11.88 ng/ul	1013020	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl ethyl carbonate	398	C25H50O3	1000373-79-2	46
2	Carbonic acid, ethyl heptadecyl ...	328	C20H40O3	1000314-59-7	27
3	Carbonic acid, ethyl pentadecyl ...	300	C18H36O3	1000314-59-5	22
4	Carbonic acid, ethyl hexadecyl e...	314	C19H38O3	1000314-59-6	22
5	9-Hexadecenoic acid, phenylmethy...	344	C23H36O2	077509-01-4	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023129.D
Acq On : 11 Oct 2019 14:44
Operator : JU
Sample : K5124-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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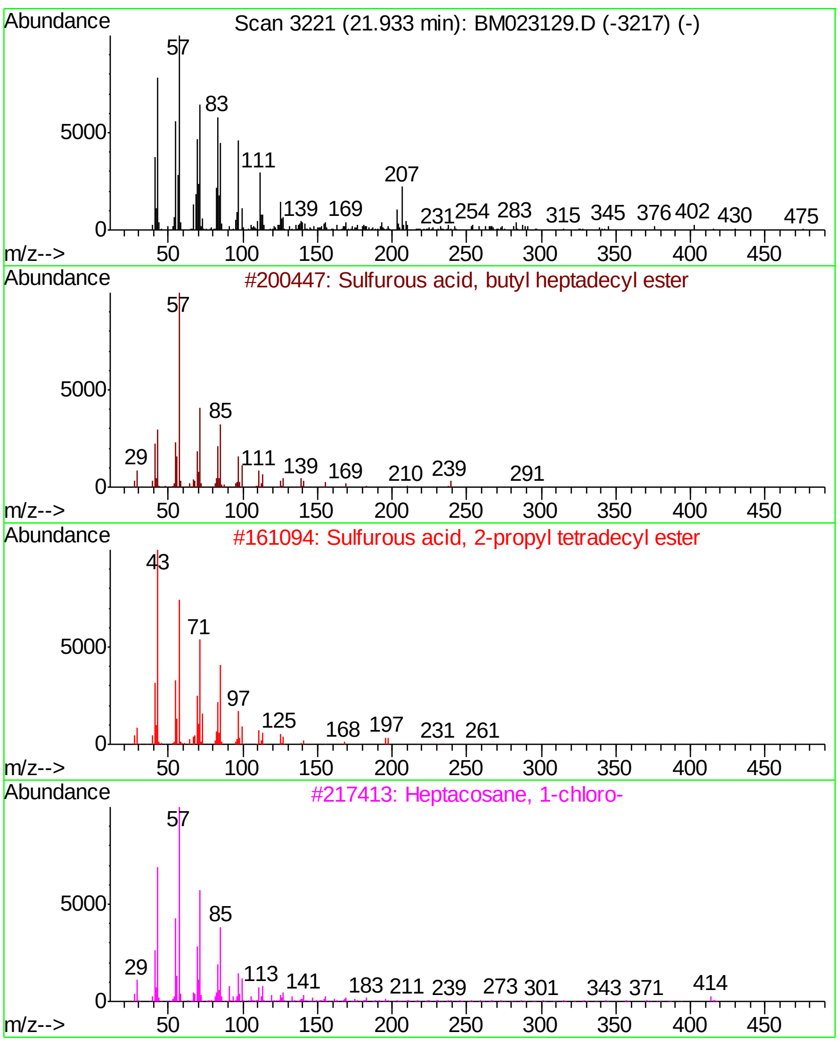
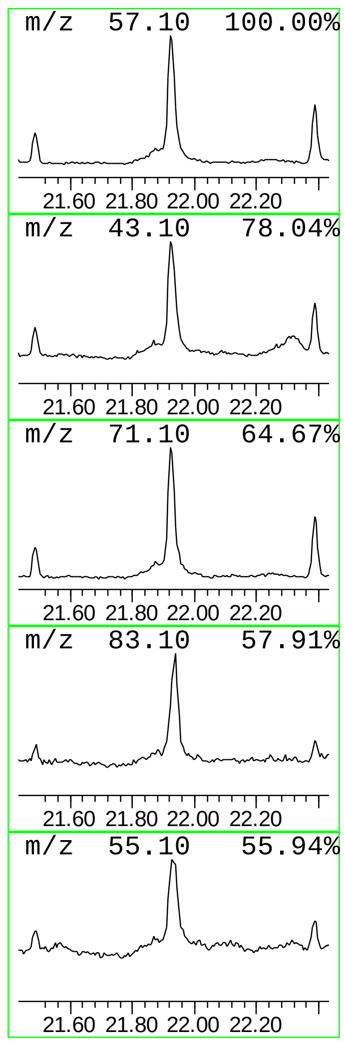
Peak Number 3 Sulfurous acid, butyl hepta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	4.59 ng/ul	391342	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	87
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
4	Octadecane	254	C18H38	000593-45-3	84
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023129.D
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Operator : JU
Sample : K5124-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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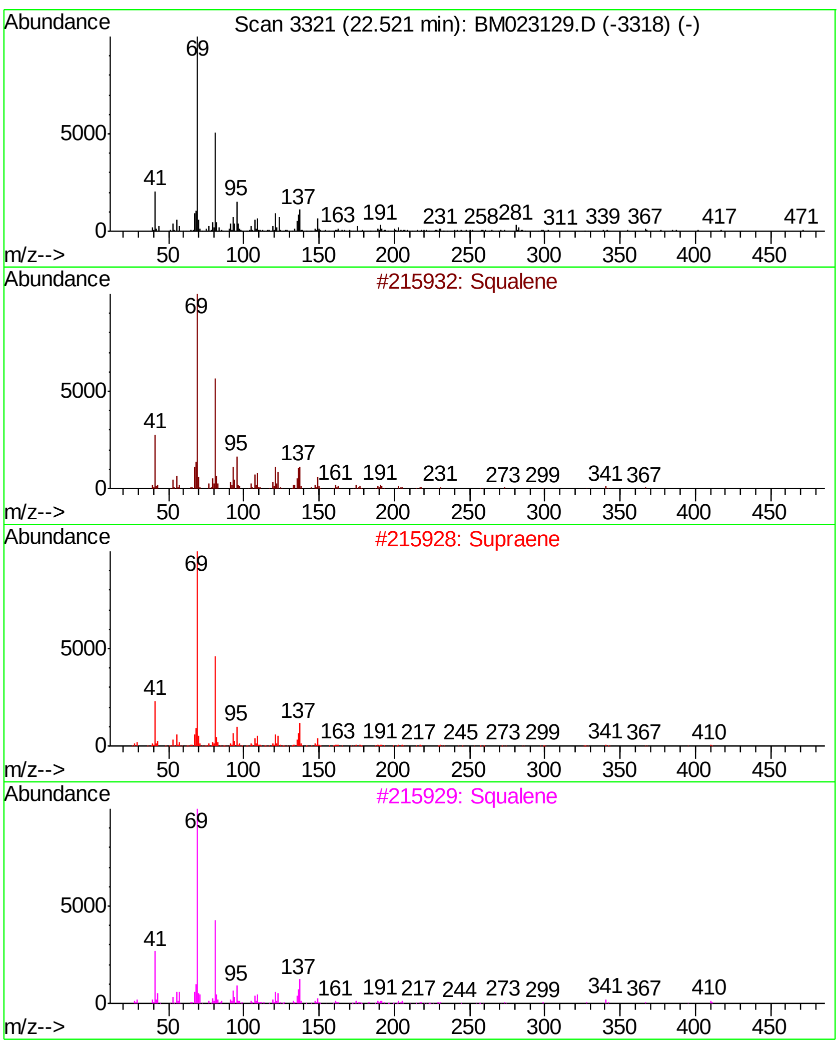
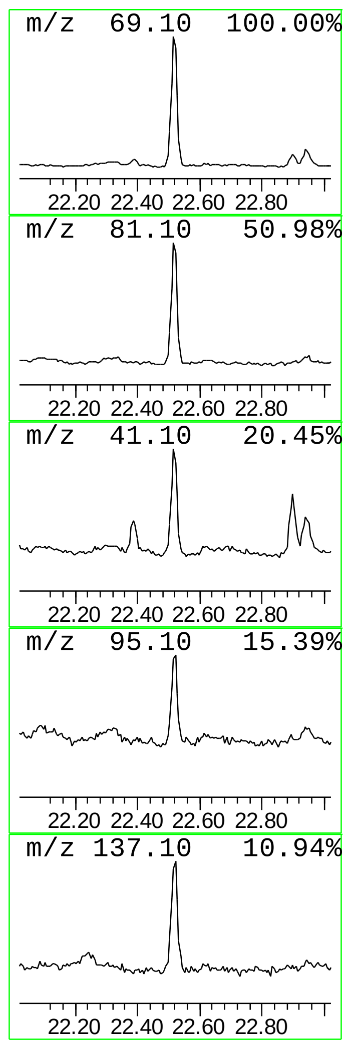
Peak Number 4 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.61 ng/ul	255612	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	83
2	Supraene	410	C30H50	007683-64-9	83
3	Squalene	410	C30H50	000111-02-4	80
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101119\
Data File : BM023129.D
Acq On : 11 Oct 2019 14:44
Operator : JU
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	12.09	2.2	ng/ul	127624	2	10.56	1166080	20.0
unknown-02	21.04	11.9	ng/ul	1013020	5	21.33	1705130	20.0
Sulfurous acid, b...	21.93	4.6	ng/ul	391342	5	21.33	1705130	20.0
Squalene	22.52	2.6	ng/ul	255612	6	23.58	1956880	20.0