LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

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-BM102319MA.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	3.069	10	14	19	rVB	1061401	1058218	5.71%	1.165%
2	3.852	143	147	154	rVB	502476	656320	3.54%	0.722%
3	6.110	525	531	538	rVB	1488420	2147051	11.58%	2.363%
4	7.598	778	784	794	rVB	2194635	3441053	18.55%	3.788%
5	7.840	823	825	829	rBV2	20719	22973	0.12%	0.025%
6	8.151	875	878	884	rVB5	56382	88855	0.48%	0.098%
7	8.287	898	901	908	rVB4	30285	62290	0.34%	0.069%
8	8.957	1005	1015	1022	rVB9	40308	119068	0.64%	0.131%
9	9.187	1050	1054	1059	rBV6	18179	36281	0.20%	0.040%
10	9.251	1063	1065	1070	rVV4	30825	46395	0.25%	0.051%
11	9.310	1072	1075	1080	rVB5	34691	55235	0.30%	0.061%
12	9.528	1109	1112	1116	rBV6	20670	27672	0.15%	0.030%
13	9.569	1116	1119	1129	rVB8	32125	69957	0.38%	0.077%
14	9.675	1134	1137	1142	rVB6	15511	23186	0.13%	0.026%
15	9.787	1152	1156	1159	rBV6	18569	29191	0.16%	0.032%
16	9.892	1171	1174	1179	rVB5	17124	23664	0.13%	0.026%
17	9.987	1185	1190	1197	rVB10	18147	37406	0.20%	0.041%
18	10.092	1202	1208	1212	rBV8	22765	40168	0.22%	0.044%
19	10.251	1230	1235	1240	rBV8	21609	44538	0.24%	0.049%
20	10.375	1246	1256	1263	rBV	2746766	4721119	25.45%	5.197%
21	10.428	1263	1265	1274	rVV3	86202	146819	0.79%	0.162%
22	10.510	1275	1279	1285	rVB8	20765	41061	0.22%	0.045%
23	10.569	1285	1289	1293	rBV	43858	68410	0.37%	0.075%
24	10.798	1323	1328	1334	rBV8	20354	34496	0.19%	0.038%
25	10.863	1334	1339	1340	rVV5	17745	27425	0.15%	0.030%
26	10.881	1340	1342	1346	rVB4	20928	26789	0.14%	0.029%
27	11.051	1365	1371	1372	rBV5	15529	26225	0.14%	0.029%
28	11.069	1372	1374	1382	rVB8	36622	73851	0.40%	0.081%
29	11.151	1382	1388	1391	rBV6	18844	37437	0.20%	0.041%
30	11.434	1430	1436	1439	rBV3	73287	130058	0.70%	0.143%
31	11.463	1439	1441	1452	rVV5	38418	76584	0.41%	0.084%
32	11.575	1456	1460	1464	rBV6	19071	23120	0.12%	0.025%
33	11.681	1471	1478	1487	rBV9	26875	57119	0.31%	0.063%
34	11.845	1501	1506	1513	rVB4	33689	68827	0.37%	0.076%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

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-BM102319MA.M
Title : SVOA CALIBRATION

35	11.975	1523	1528	1533	rBV9	16893	40185	0.22%	0.044%
36	12.051	1536	1541	1550	rVB2	70660	144574	0.78%	0.159%
37	12.128	1550	1554	1559	rBV7	24842	44099	0.24%	0.049%
38	12.275	1574	1579	1585	rBV	78834	136259	0.73%	0.150%
39	12.445	1603	1608	1611	rBV7	11997	19716	0.11%	0.022%
40	12.533	1619	1623	1628	rBV6	13931	24849	0.13%	0.027%
41	12.598	1630	1634	1641	rVB9	16237	33864	0.18%	0.037%
42	12.686	1641	1649	1654	rBV8	37616	73175	0.39%	0.081%
43	12.745	1654	1659	1665	rBV9	24104	50531	0.27%	0.056%
44	12.804	1665	1669	1673	rVV	88204	131217	0.71%	0.144%
45	12.845	1673	1676	1682	rVB8	29267	50254	0.27%	0.055%
46	13.033	1701	1708	1711	rBV7	50887	93208	0.50%	0.103%
47	13.186	1730	1734	1740	rVB8	25457	34606	0.19%	0.038%
48	13.275	1742	1749	1751	rVV6	36127	74482	0.40%	0.082%
49	13.298	1751	1753	1760	rVB8	34969	61978	0.33%	0.068%
50	13.410	1767	1772	1774	rBV5	31306	52296	0.28%	0.058%
51	13.528	1788	1792	1795	rBV6	19931	33162	0.18%	0.037%
52	13.575	1795	1800	1804	rVV2	116254	175190	0.94%	0.193%
53	13.622	1804	1808	1813	rVV4	73245	121463	0.65%	0.134%
54	13.675	1813	1817	1822	rVB2	122757	183429	0.99%	0.202%
55	13.757	1825	1831	1835	rBV4	203980	332693	1.79%	0.366%
56	13.804	1836	1839	1843	rVB3	52830	72420	0.39%	0.080%
57	13.910	1854	1857	1862	rBV7	14355	25576	0.14%	0.028%
58	13.975	1864	1868	1869	rBV3	45919	56568	0.30%	0.062%
59	14.086	1883	1887	1892	rVB	102590	139624	0.75%	0.154%
60	14.180	1897	1903	1905	rBV6	36821	69577	0.38%	0.077%
61	14.251	1906	1915	1923	rBV	3881375	5905920	31.84%	6.501%
62	14.345	1929	1931	1936	rVB5	32740	35164	0.19%	0.039%
63	14.463	1947	1951	1954	rBV5	32824	60686	0.33%	0.067%
64	14.557	1963	1967	1968	rBV4	21819	28050	0.15%	0.031%
65	14.616	1974	1977	1980	rBV4	35676	49334	0.27%	0.054%
66	14.657	1980	1984	1991	rVB4	65210	154464	0.83%	0.170%
67	14.769	1999	2003	2006	rBV	84478	118028	0.64%	0.130%
68	14.804	2006	2009	2017	rVV4	101242	188618	1.02%	0.208%
69	14.880	2019	2022	2026	rVV4	64715	120157	0.65%	0.132%
70	14.922	2026	2029	2034	rVB3	64678	100362	0.54%	0.110%
71	15.051	2046	2051	2055	rBV4	106889	154540	0.83%	0.170%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

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-BM102319MA.M
Title : SVOA CALIBRATION

72	15.133	2062	2065	2069	rBV4	48040	76825	0.41%	0.085%
73	15.304	2090	2094	2098	rBV3	109557	160762	0.87%	0.177%
74	15.427	2113	2115	2118	rBV4	28153	24136	0.13%	0.027%
75	15.545	2128	2135	2141	rBV	166974	326989	1.76%	0.360%
76	16.021	2209	2216	2221	rVB	302957	534297	2.88%	0.588%
77	16.151	2234	2238	2243	rVB	266827	346918	1.87%	0.382%
78	16.310	2260	2265	2271	rBV	6479610	8871026	47.83%	9.765%
79	16.568	2306	2309	2317	rVB3	117670	199011	1.07%	0.219%
80	16.668	2322	2326	2333	rBV	682145	906162	4.89%	0.997%
81	16.845	2352	2356	2361	rVB2	279004	368835	1.99%	0.406%
82	16.998	2376	2382	2386	rBV	4111832	5967202	32.17%	6.568%
83	17.039	2386	2389	2394	rVB	873207	1176033	6.34%	1.295%
84	17.921	2536	2539	2543	rVB	225470	269914	1.46%	0.297%
85	19.062	2729	2733	2739	rVB	1383006	1829755	9.87%	2.014%
86	19.127	2741	2744	2752	rVV	484855	751098	4.05%	0.827%
87	21.192	3091	3095	3099	rBV	4523152	5465875	29.47%	6.017%
88	21.468	3138	3142	3146	rBV	15413155	18547943	100.00%	20.417%
89	21.692	3175	3180	3186	rBV	6551305	8180814	44.11%	9.005%
90	23.380	3462	3467	3476	rVB	3905613	7146786	38.53%	7.867%
91	27.032	4081	4088	4102	rVB	2233373	6917353	37.29%	7.614%

Sum of corrected areas: 90846913

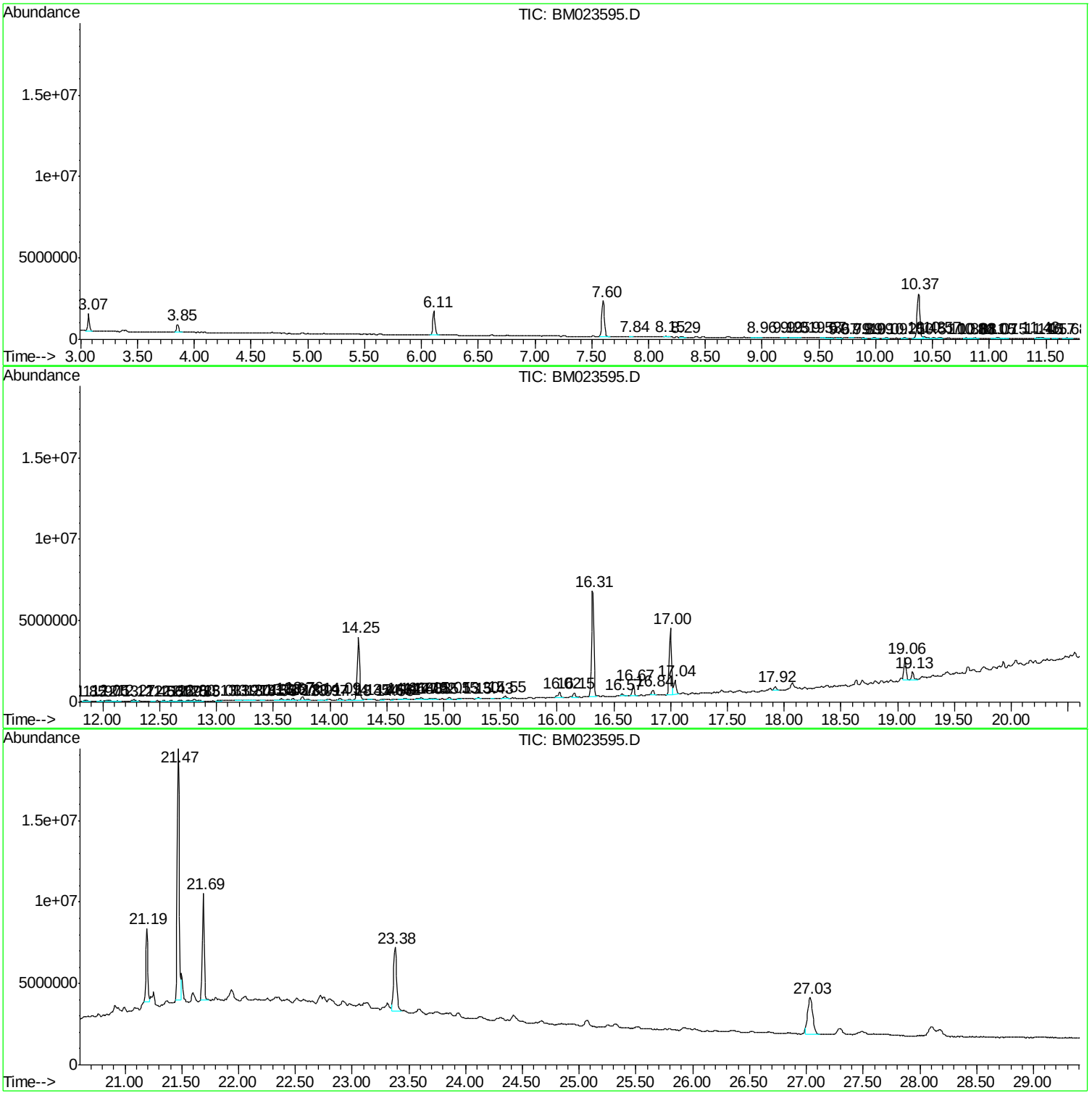
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB96

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

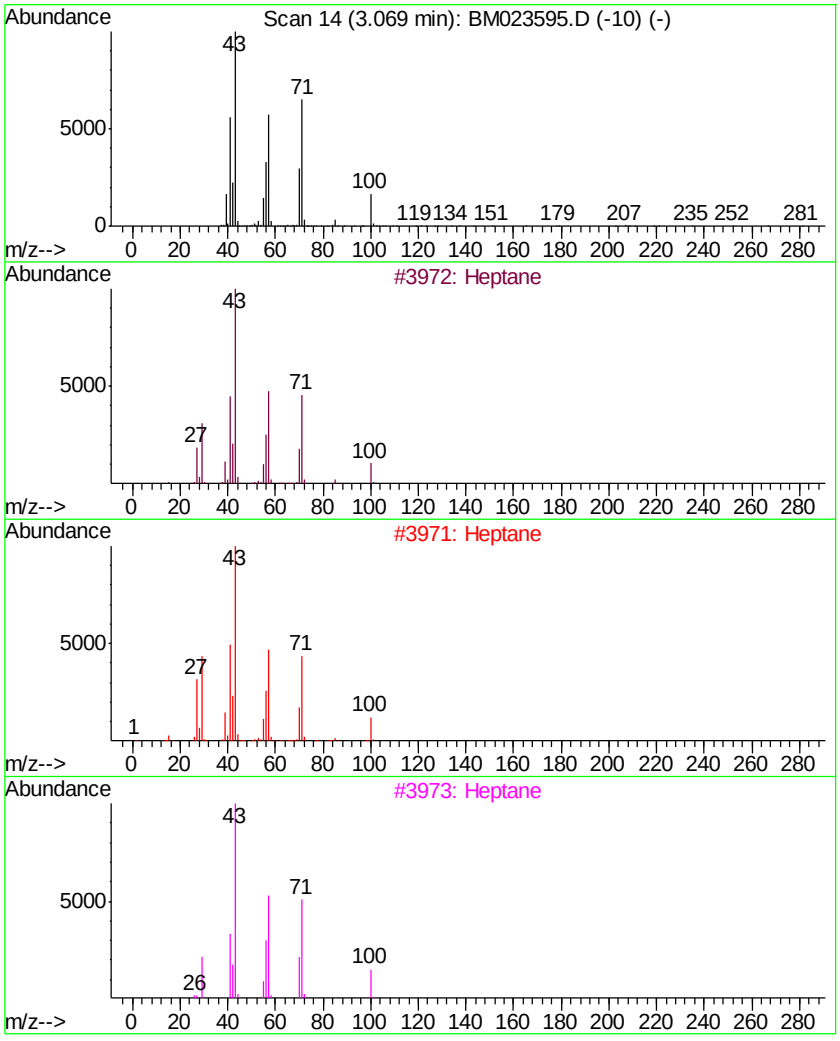
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

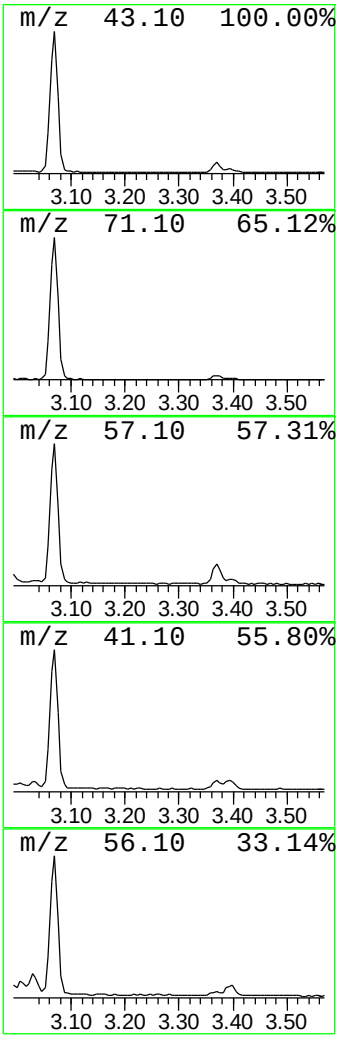
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	6.15 ng/ul	1058220	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	91
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

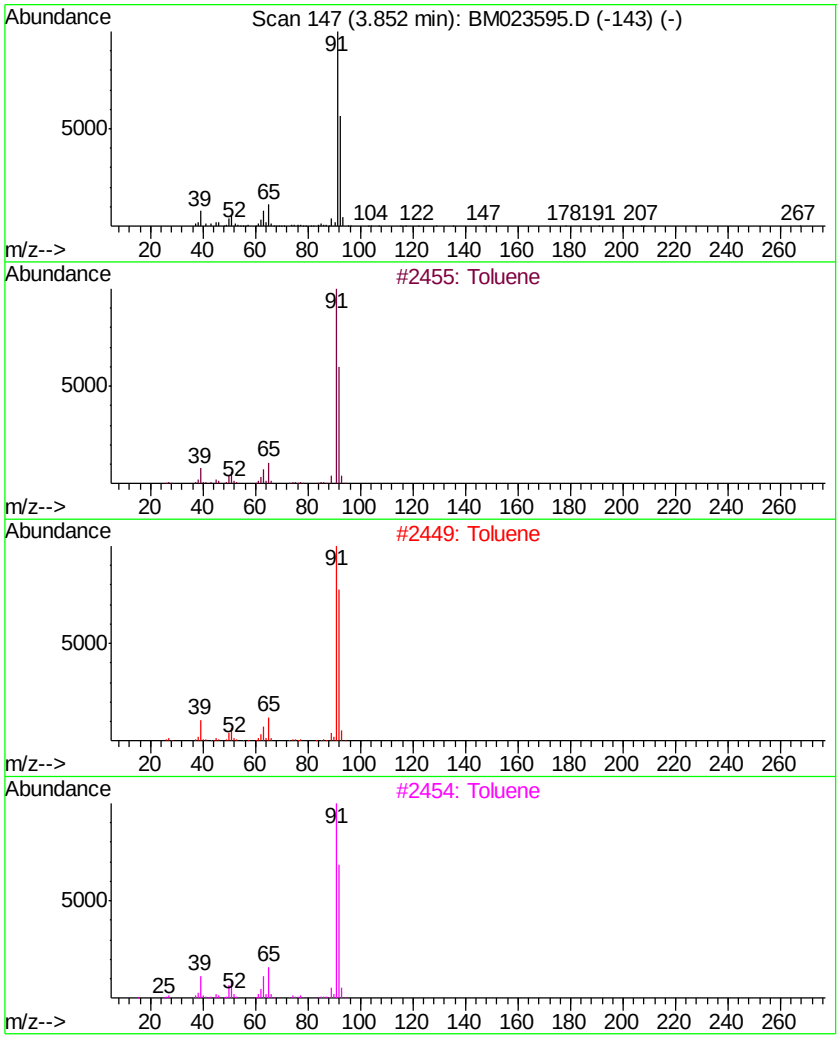
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

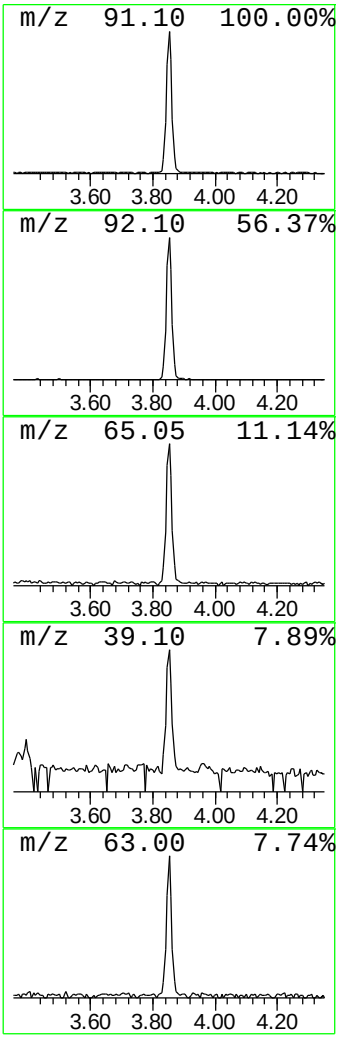
****

Peak Number 2 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	3.81 ng/ul	656320	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	93
3	Toluene	92	C7H8	000108-88-3	93
4	Toluene	92	C7H8	000108-88-3	83
5	Phenylethyl Alcohol	122	C8H10O	000060-12-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

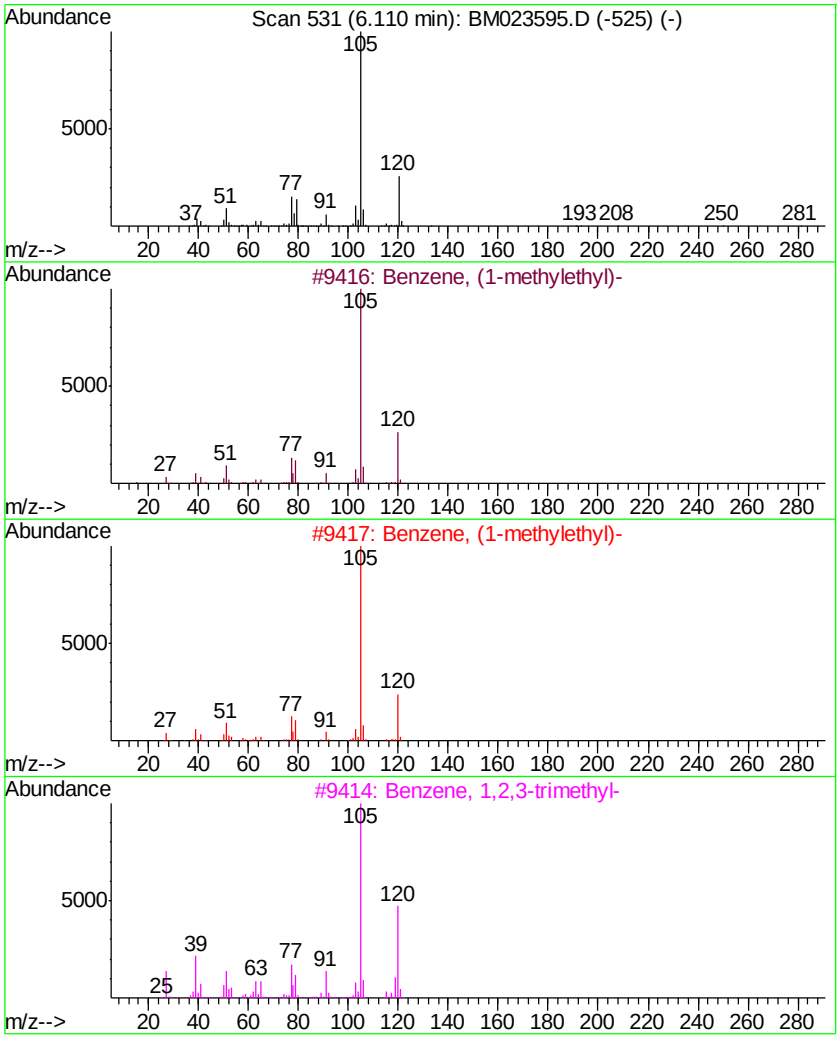
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

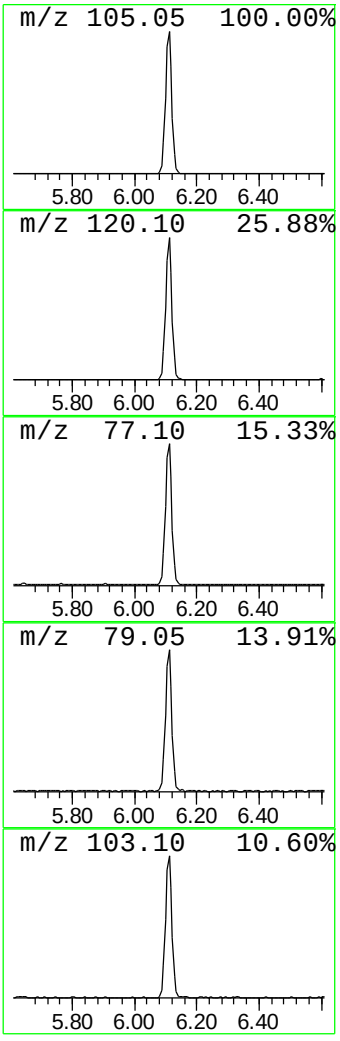
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	12.48 ng/ul	2147050	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

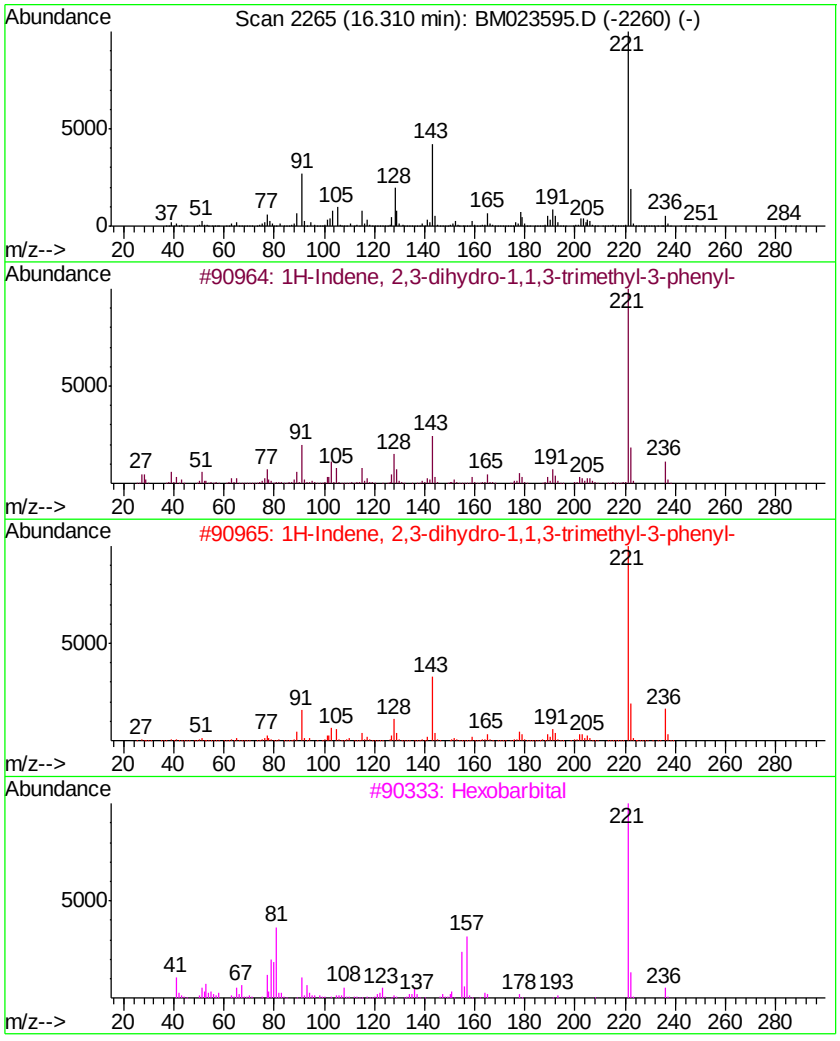
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

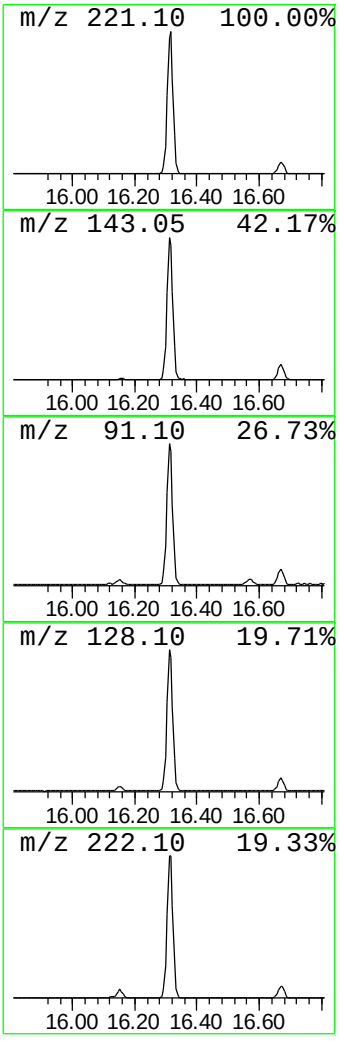
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	29.73 ng/ul	8871030	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	93
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	86
3	Hexobarbital	236	C12H16N2O3	000056-29-1	43
4	Carbonic acid, monoamide, N-(2-e...	221	C13H19NO2	1000339-98-3	43
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

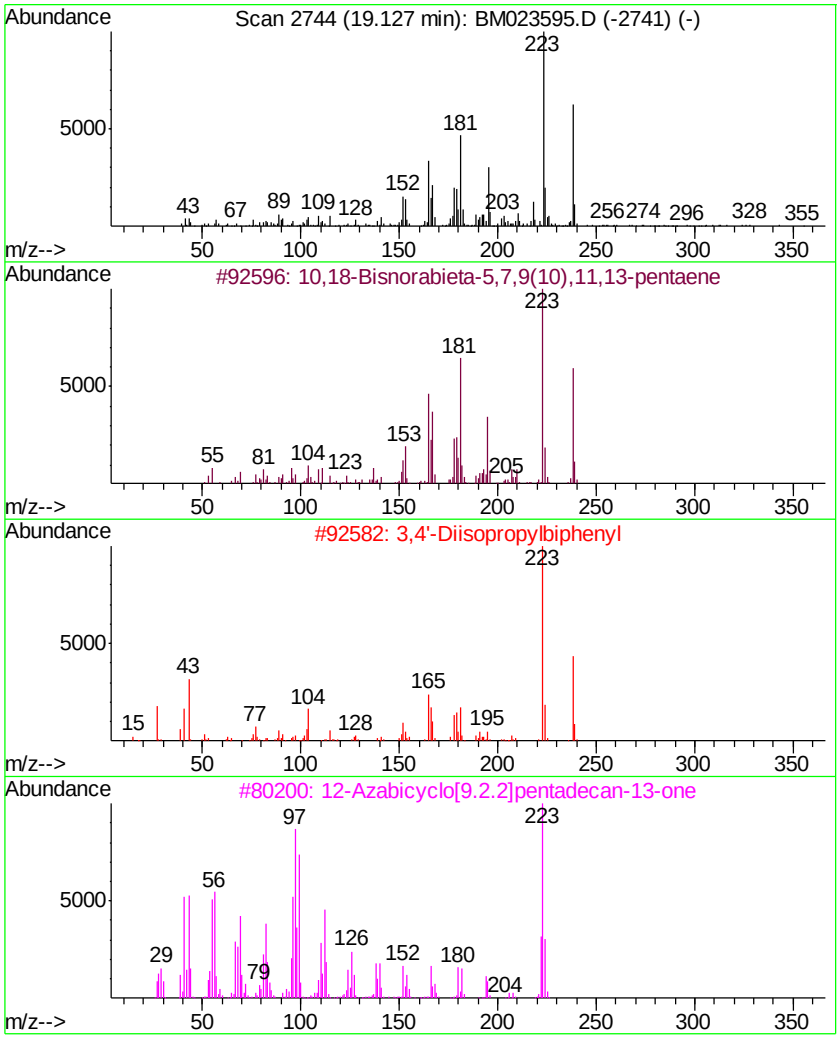
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

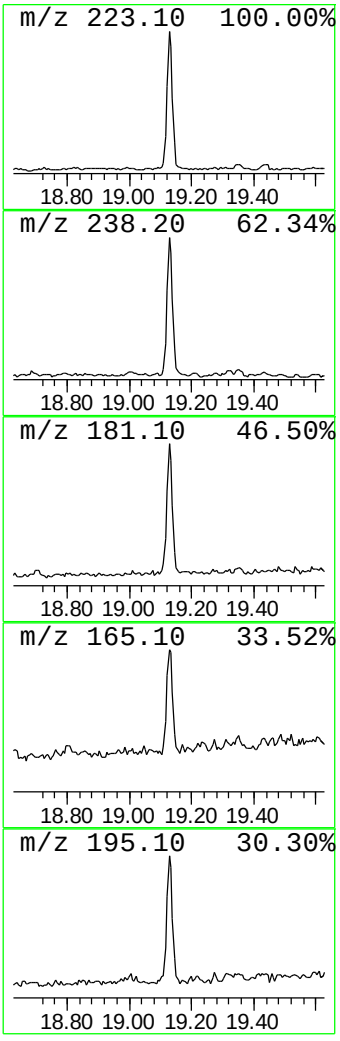
****

Peak Number 6 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.75 ng/ul	751098	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	96
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	81
3	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	78
4	2,3-Pentanedione 3-((4-ethyl-3-m...	238	C11H18N4O2	091253-22-4	59
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

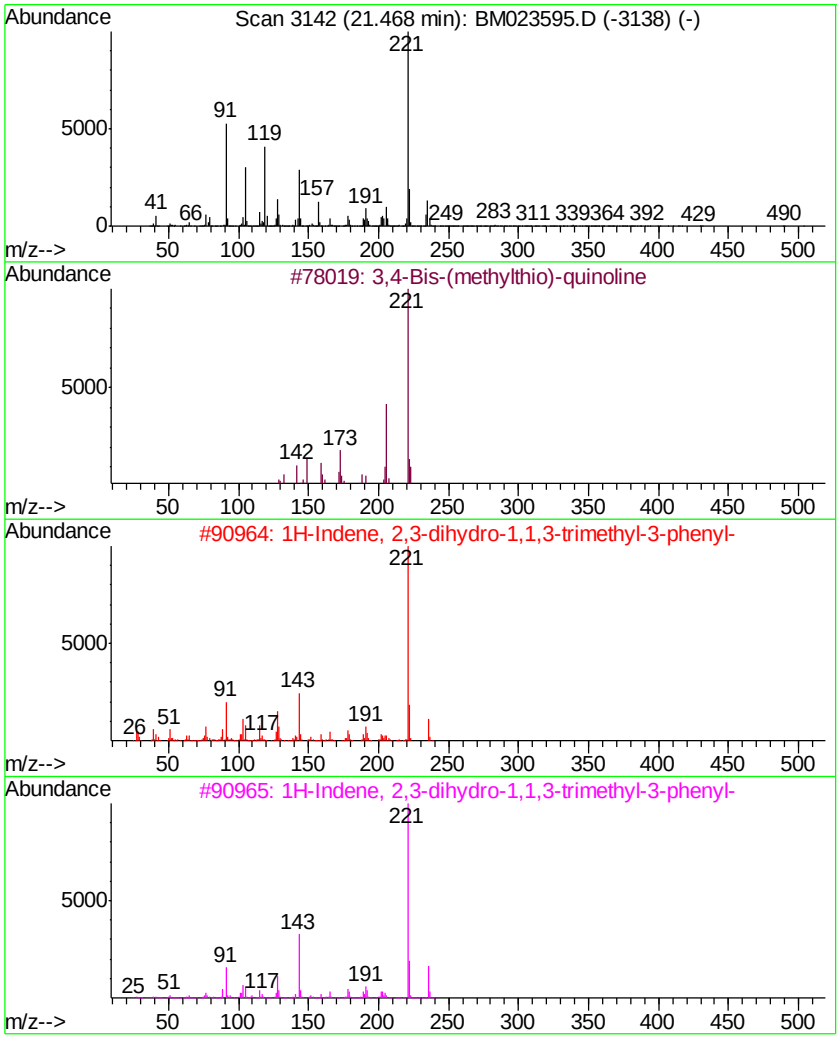
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

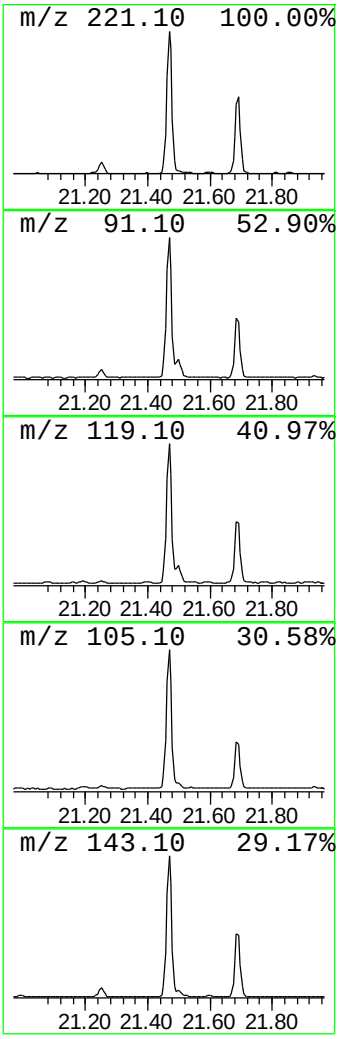
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3,4-Bis-(methylthio)-quinoline Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	67.87 ng/ul	18547900	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	50
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	47
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	47
4	2-Methyl-4,4-diphenyl-3,4-dihydr...	298	C21H18N2	1000300-40-0	38
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB96

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

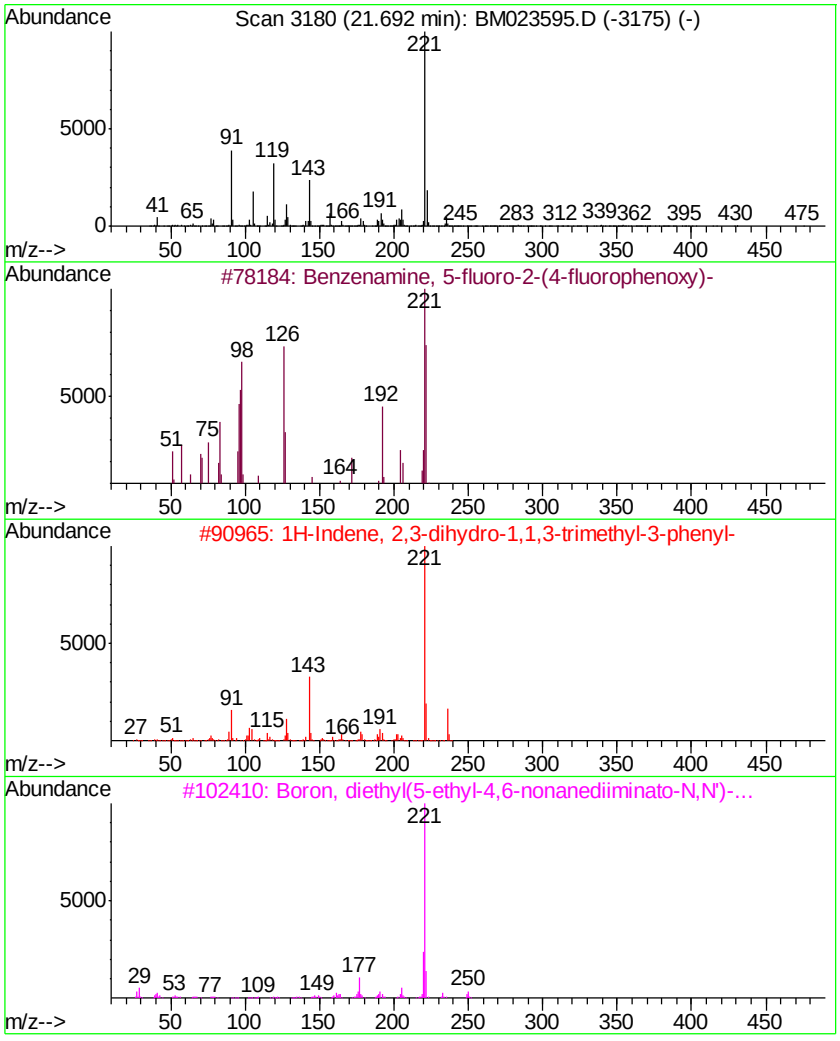
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

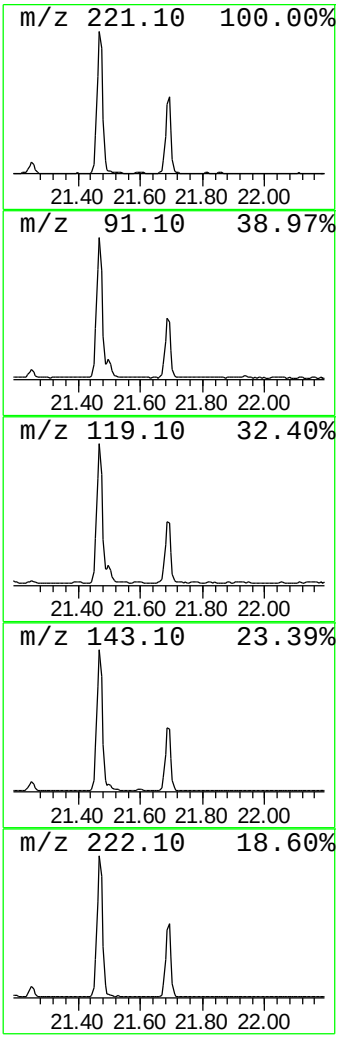
****

Peak Number 8 Benzenamine, 5-fluoro-2-(4-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	29.93 ng/ul	8180810	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 5-fluoro-2-(4-fluor...	221	C12H9F2NO	020653-64-9	60
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	50
3	Boron, diethyl(5-ethyl-4,6-nonan...	250	C15H31BN2	136705-03-8	47
4	1H-1,2,4-Triazole, 3,5-diphenyl-	221	C14H11N3	002039-06-7	47
5	2-Methyl-4,4-diphenyl-3,4-dihydr...	298	C21H18N2	1000300-40-0	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB96

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
(DEL) Alkane: Str...	3.07	6.2	ng/ul	1058220	1	7.60	3441050	20.0
Toluene	3.85	3.8	ng/ul	656320	1	7.60	3441050	20.0
Benzene, (1-methy...	6.11	12.5	ng/ul	2147050	1	7.60	3441050	20.0
1H-Indene, 2,3-di...	16.31	29.7	ng/ul	8871030	4	17.00	5967200	20.0
10,18-Bisnorabiet...	19.13	2.8	ng/ul	751098	5	21.19	5465880	20.0
3,4-Bis-(methylth...	21.47	67.9	ng/ul	18547900	5	21.19	5465880	20.0
Benzenamine, 5-fl...	21.69	29.9	ng/ul	8180810	5	21.19	5465880	20.0