LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

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-BM090420MA.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	3.634	106	110	116	rVB2	42783	56982	1.59%	0.144%
2	3.758	126	131	138	rVB	39940	61467	1.72%	0.156%
3	3.840	143	145	150	rVB3	8496	10556	0.29%	0.027%
4	4.063	179	183	188	rVB2	24379	35317	0.99%	0.089%
5	4.463	247	251	259	rVB	17861	26713	0.75%	0.068%
6	4.734	293	297	304	rVB	23725	32485	0.91%	0.082%
7	4.834	311	314	319	rVB5	5652	7838	0.22%	0.020%
8	5.593	438	443	449	rBV2	54788	101158	2.82%	0.256%
9	5.646	449	452	461	rVB	44366	68399	1.91%	0.173%
10	6.681	622	628	631	rBV	13138	21402	0.60%	0.054%
11	6.751	631	640	647	rVV	308783	548964	15.33%	1.391%
12	6.810	647	650	656	rVB	63274	89907	2.51%	0.228%
13	6.910	662	667	673	rBV	277739	424159	11.84%	1.075%
14	6.969	674	677	682	rVB	24758	35259	0.98%	0.089%
15	7.104	694	700	708	rBV	342419	538934	15.05%	1.366%
16	7.228	715	721	728	rVB	137737	209827	5.86%	0.532%
17	7.569	772	779	788	rBV	659062	1024275	28.60%	2.595%
18	7.687	789	799	805	rVB	76569	123930	3.46%	0.314%
19	8.122	870	873	878	rVB6	6871	9724	0.27%	0.025%
20	8.169	878	881	886	rVB6	3690	5854	0.16%	0.015%
21	8.275	891	899	910	rBV	284270	467372	13.05%	1.184%
22	8.387	913	918	923	rVB	63835	104266	2.91%	0.264%
23	8.663	960	965	966	rBV3	9129	11607	0.32%	0.029%
24	8.710	967	973	980	rVB	337135	547004	15.28%	1.386%
25	8.810	985	990	1000	rVV10	7964	18700	0.52%	0.047%
26	8.892	1000	1004	1005	rVV4	3399	4455	0.12%	0.011%
27	8.922	1007	1009	1013	rVB4	3485	4713	0.13%	0.012%
28	9.187	1045	1054	1058	rBV6	5405	11185	0.31%	0.028%
29	9.275	1063	1069	1073	rVB6	7887	16783	0.47%	0.043%
30	9.428	1085	1095	1110	rBV	283042	475582	13.28%	1.205%
31	9.604	1120	1125	1129	rBV6	2942	7202	0.20%	0.018%
32	9.639	1129	1131	1136	rVB6	2728	4649	0.13%	0.012%
33	9.787	1153	1156	1163	rVB2	11968	19790	0.55%	0.050%
34	9.963	1179	1186	1199	rVV	411822	713930	19.94%	1.809%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

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-BM090420MA.M
Title : SVOA CALIBRATION

35	10.051	1199	1201	1205	rVB5	4303	6033	0.17%	0.015%
36	10.334	1241	1249	1257	rBV	883177	1434902	40.07%	3.636%
37	10.475	1265	1273	1294	rBV	268020	511538	14.29%	1.296%
38	10.839	1330	1335	1339	rBV6	5173	7697	0.21%	0.020%
39	11.045	1366	1370	1375	rBV6	3884	7939	0.22%	0.020%
40	11.157	1381	1389	1390	rBV5	2863	4811	0.13%	0.012%
41	11.281	1403	1410	1414	rBV4	7474	11978	0.33%	0.030%
42	11.798	1494	1498	1503	rVB4	3451	5163	0.14%	0.013%
43	11.863	1503	1509	1516	rVV2	5677	10296	0.29%	0.026%
44	11.933	1516	1521	1526	rVB2	7341	12369	0.35%	0.031%
45	12.563	1626	1628	1634	rVB5	3434	5046	0.14%	0.013%
46	12.704	1647	1652	1659	rVB9	2217	4896	0.14%	0.012%
47	12.775	1661	1664	1668	rBV6	3369	5345	0.15%	0.014%
48	12.828	1668	1673	1675	rBV4	4220	6633	0.19%	0.017%
49	13.057	1705	1712	1715	rVB6	4103	7511	0.21%	0.019%
50	13.133	1720	1725	1730	rBV7	6933	11953	0.33%	0.030%
51	13.316	1750	1756	1761	rBV3	12996	21863	0.61%	0.055%
52	13.539	1788	1794	1802	rBV	159257	232387	6.49%	0.589%
53	13.627	1802	1809	1813	rVV	906632	1240781	34.65%	3.144%
54	13.675	1813	1817	1822	rVV	205388	285583	7.98%	0.724%
55	13.722	1822	1825	1830	rVB7	5424	8596	0.24%	0.022%
56	13.898	1847	1855	1870	rBV	958692	1393690	38.92%	3.531%
57	14.098	1885	1889	1893	rVB6	6574	10155	0.28%	0.026%
58	14.139	1893	1896	1900	rVB3	9559	11403	0.32%	0.029%
59	14.210	1900	1908	1912	rBV	1452813	2113640	59.03%	5.356%
60	14.251	1912	1915	1920	rVV	160132	215198	6.01%	0.545%
61	14.298	1920	1923	1927	rVB4	14297	18609	0.52%	0.047%
62	14.416	1937	1943	1957	rBV	262900	471744	13.17%	1.195%
63	14.569	1966	1969	1970	rBV2	6743	5465	0.15%	0.014%
64	14.657	1979	1984	1994	rVB2	30647	46824	1.31%	0.119%
65	15.039	2044	2049	2053	rBV5	6799	10299	0.29%	0.026%
66	15.098	2055	2059	2064	rVB8	10474	17374	0.49%	0.044%
67	15.204	2071	2077	2085	rBV	1340333	1866685	52.13%	4.730%
68	15.327	2093	2098	2112	rVB	338617	494666	13.81%	1.253%
69	15.445	2114	2118	2122	rVV3	15811	22986	0.64%	0.058%
70	15.504	2126	2128	2132	rVB4	5054	5754	0.16%	0.015%
71	15.680	2151	2158	2160	rBV6	12575	21851	0.61%	0.055%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

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-BM090420MA.M
Title : SVOA CALIBRATION

72	15.721	2160	2165	2170	rVV	151359	179452	5.01%	0.455%
73	15.957	2202	2205	2208	rBV	21915	27486	0.77%	0.070%
74	15.986	2208	2210	2215	rVB5	13962	18240	0.51%	0.046%
75	16.127	2228	2234	2236	rBV6	5544	7461	0.21%	0.019%
76	16.186	2240	2244	2248	rVB5	17856	25467	0.71%	0.065%
77	16.321	2263	2267	2272	rVB7	5340	9944	0.28%	0.025%
78	16.386	2275	2278	2281	rBV4	11535	15592	0.44%	0.040%
79	16.510	2295	2299	2304	rBV2	29236	41150	1.15%	0.104%
80	16.574	2304	2310	2315	rVB	32193	48072	1.34%	0.122%
81	16.616	2315	2317	2318	rBV2	5077	4787	0.13%	0.012%
82	16.745	2334	2339	2343	rBV5	29511	53022	1.48%	0.134%
83	16.804	2346	2349	2353	rVV3	14951	20411	0.57%	0.052%
84	16.957	2368	2375	2380	rVV	1904375	2676547	74.74%	6.782%
85	16.992	2380	2381	2385	rVV	45236	47486	1.33%	0.120%
86	17.051	2385	2391	2401	rVV	1401838	1925447	53.77%	4.879%
87	17.486	2461	2465	2468	rBV5	40076	52670	1.47%	0.133%
88	17.657	2491	2494	2499	rBV3	40395	57332	1.60%	0.145%
89	17.815	2517	2521	2527	rBV	188005	293979	8.21%	0.745%
90	17.886	2527	2533	2547	rVV	1203770	1808755	50.51%	4.583%
91	18.180	2580	2583	2586	rBV3	39231	49001	1.37%	0.124%
92	18.333	2607	2609	2613	rBV3	33969	43442	1.21%	0.110%
93	19.021	2722	2726	2729	rBV	224850	294119	8.21%	0.745%
94	19.174	2748	2752	2761	rBV	888137	1310653	36.60%	3.321%
95	19.357	2778	2783	2790	rBV	1964173	2841433	79.35%	7.200%
96	20.898	3042	3045	3051	rVB2	782915	996612	27.83%	2.525%
97	21.098	3076	3079	3083	rBV	1432883	1493554	41.71%	3.784%
98	21.156	3084	3089	3093	rBV	2836482	3580923	100.00%	9.074%
99	23.192	3430	3435	3440	rBV	1233906	1943348	54.27%	4.924%
100	23.327	3453	3458	3471	rVB	1728443	3189010	89.06%	8.081%

Sum of corrected areas: 39465446

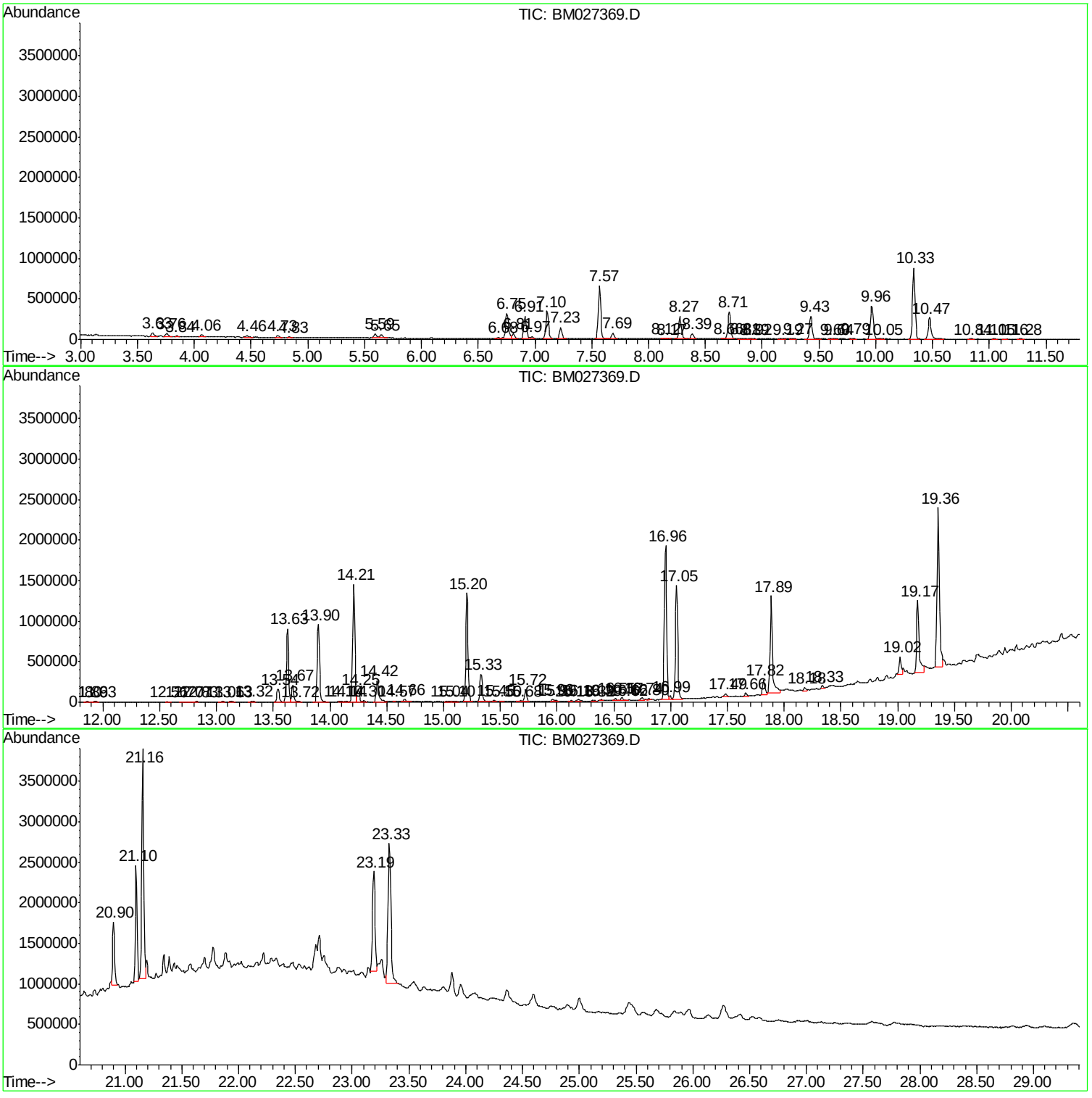
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

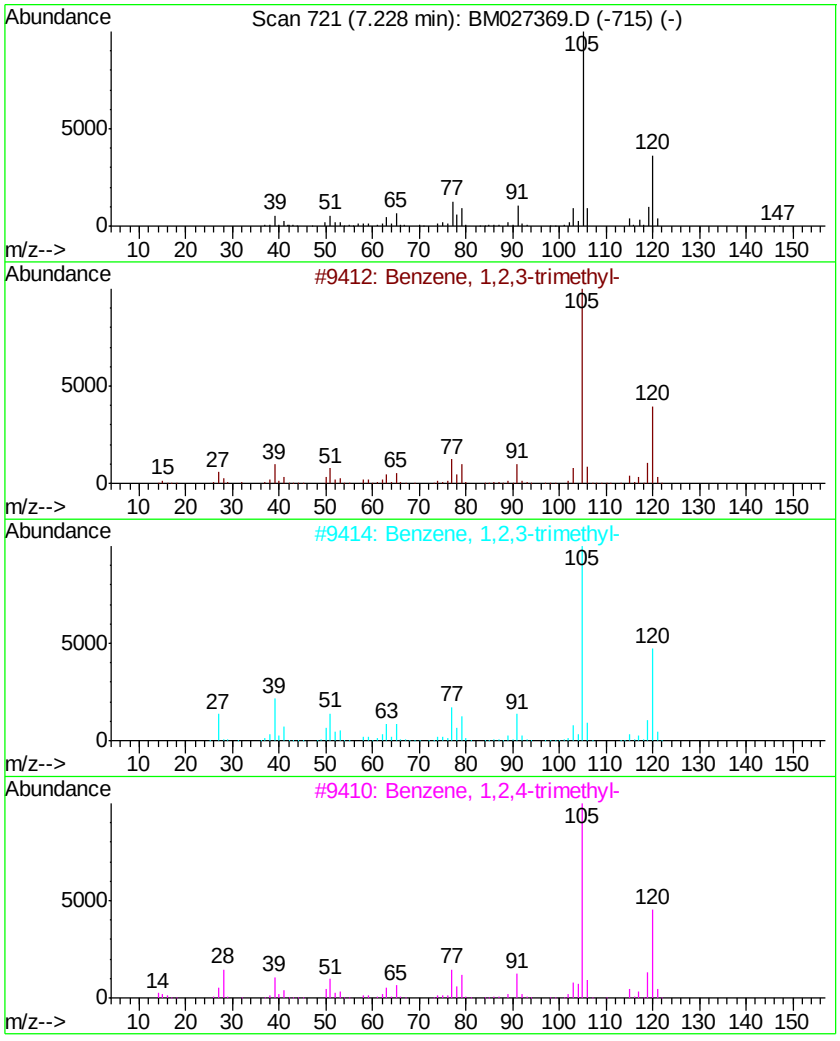
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

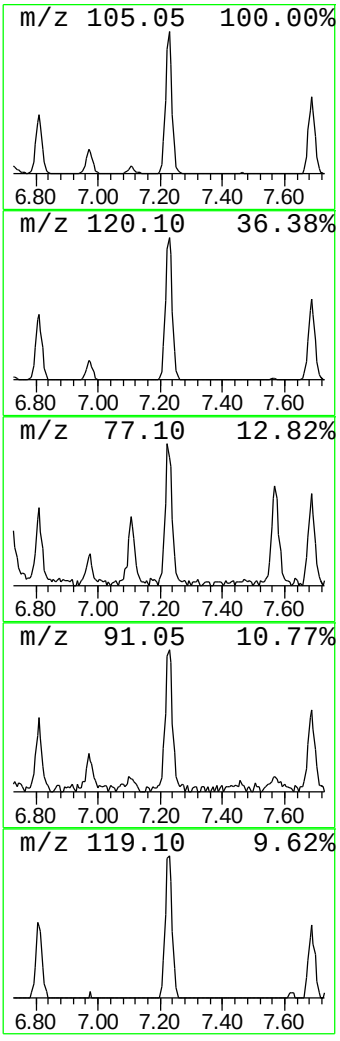
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	4.10 ng/ul	209827	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

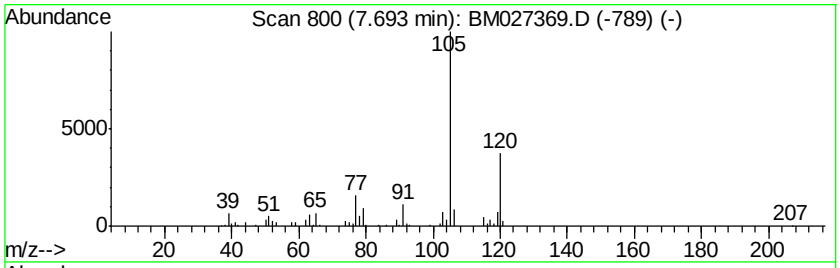
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

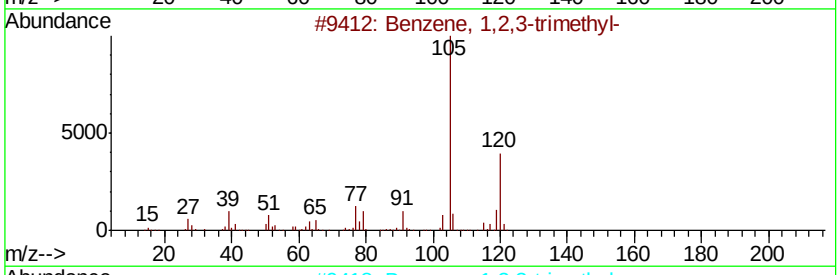
****

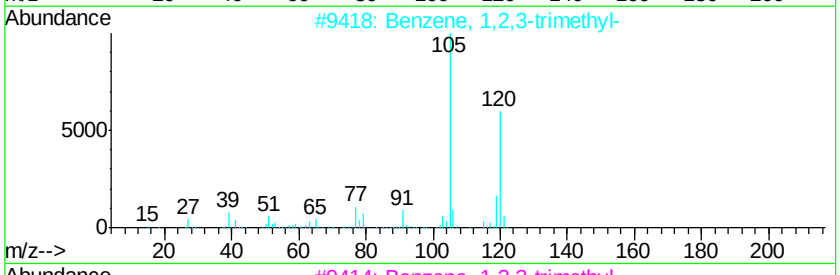
Peak Number 2 Mesitylene Concentration Rank 5

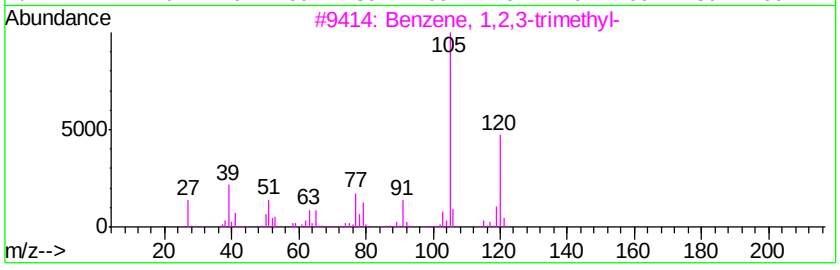
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.42 ng/ul	123930	1,4-Dichlorobenzene-d4	7.57

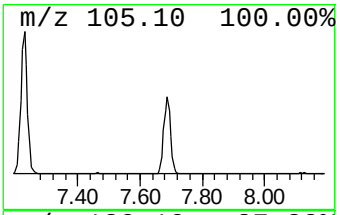
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91

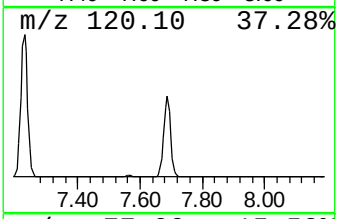


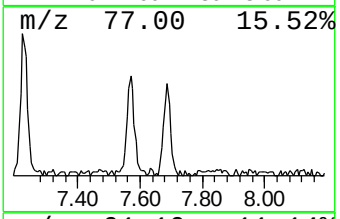


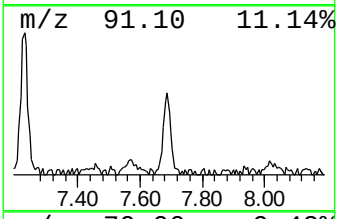


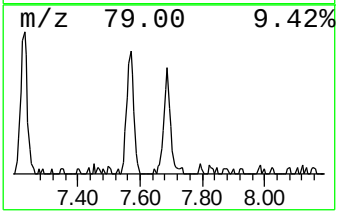












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

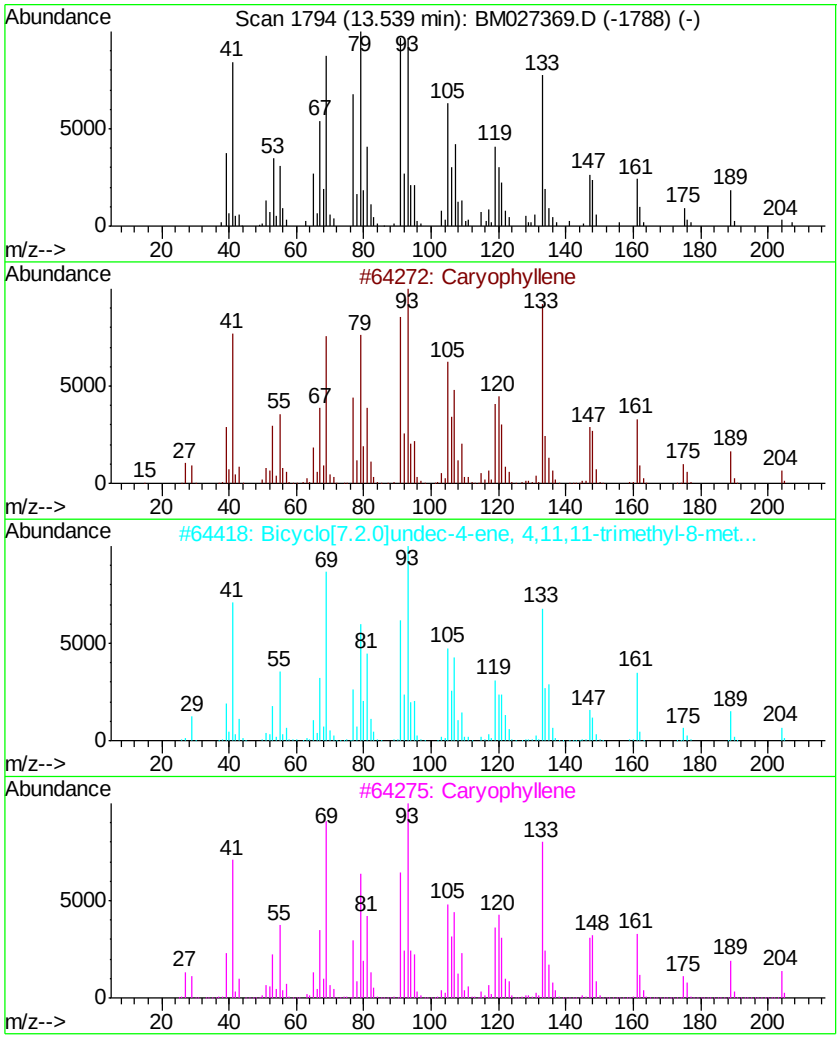
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

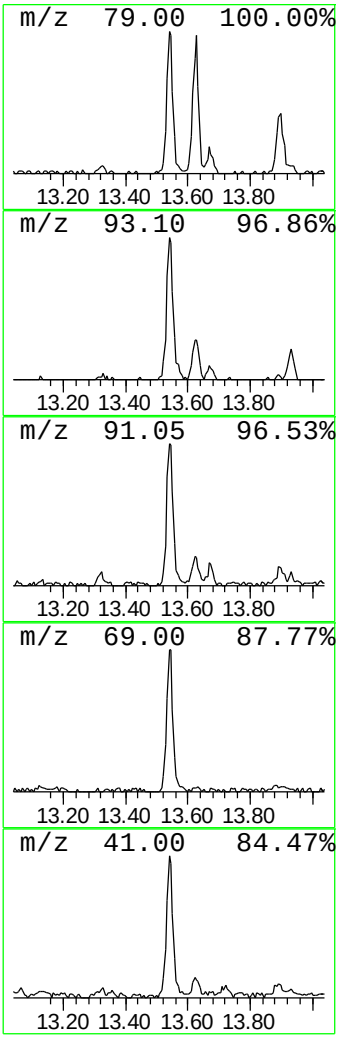
****

Peak Number 3 Caryophyllene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.20 ng/ul	232387	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	91
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	86
3	Caryophyllene	204	C15H24	000087-44-5	83
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	81
5	Caryophyllene	204	C15H24	000087-44-5	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

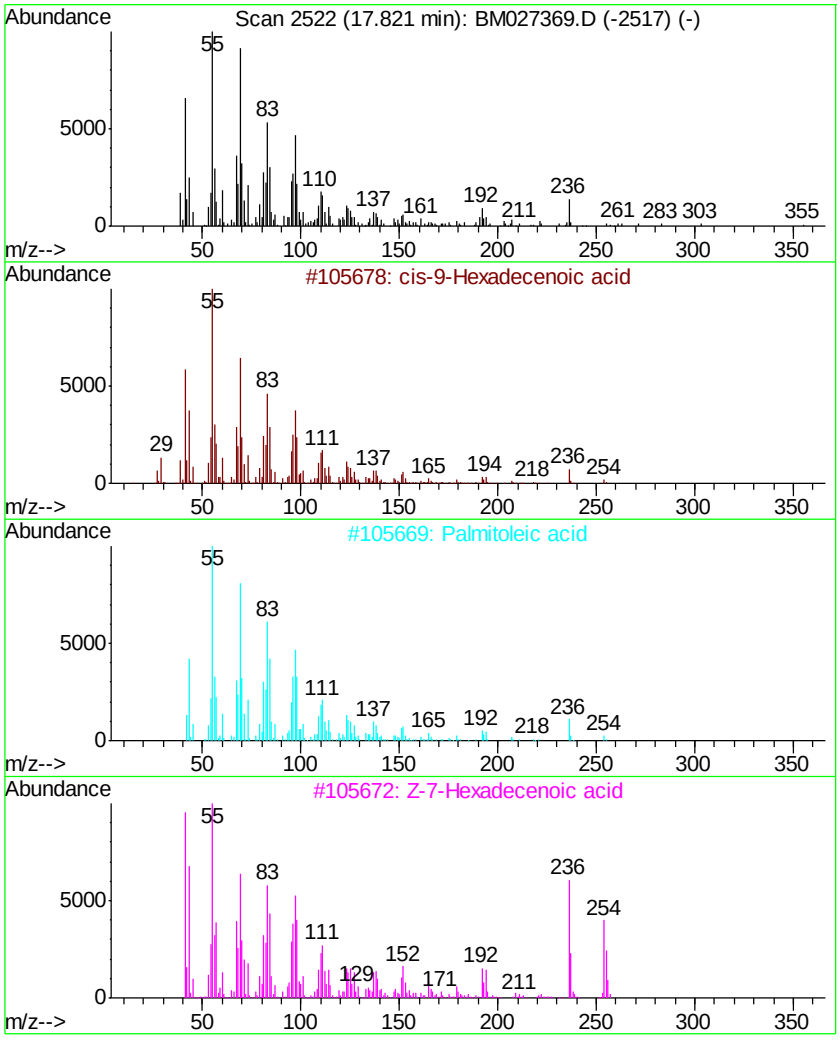
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

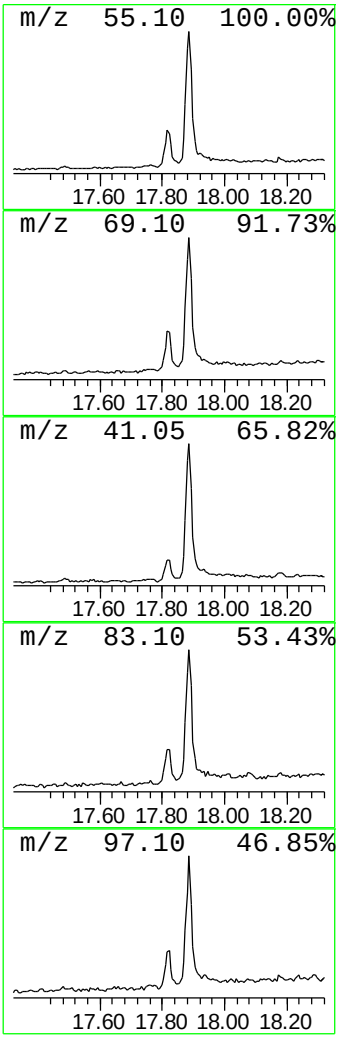
****

Peak Number 4 cis-9-Hexadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.20 ng/ul	293979	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	97
2	Palmitoleic acid	254	C16H30O2	000373-49-9	97
3	Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	84
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	64
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

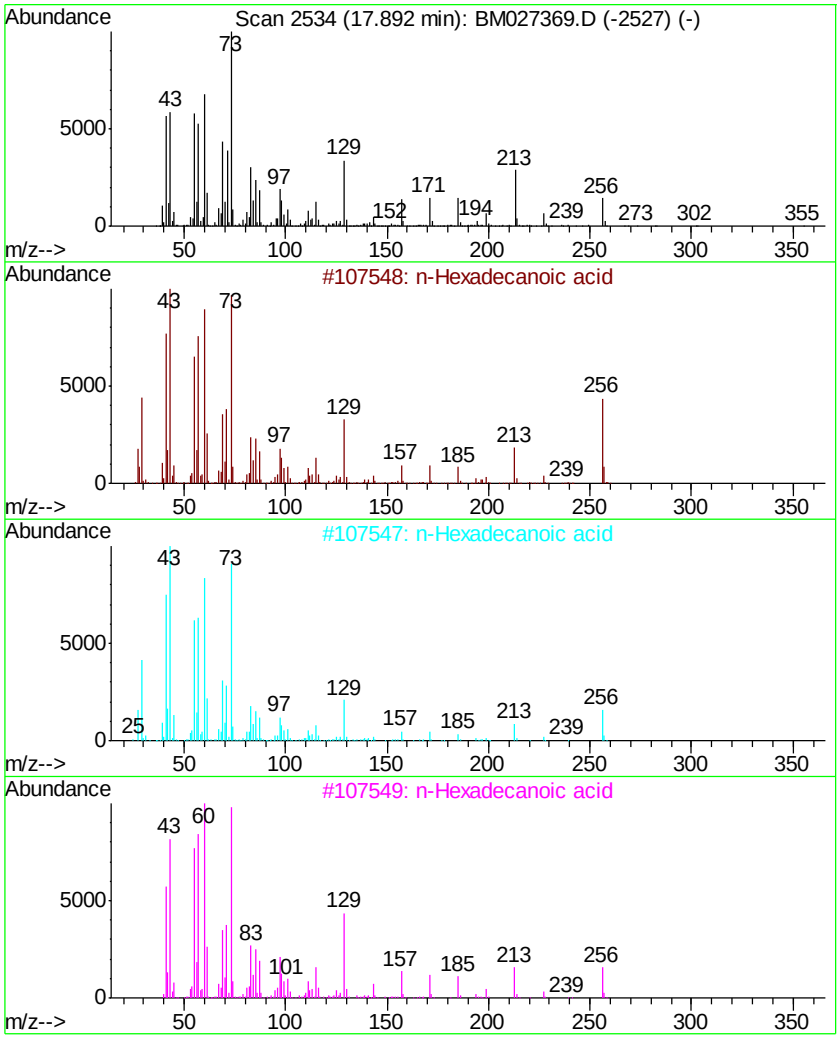
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

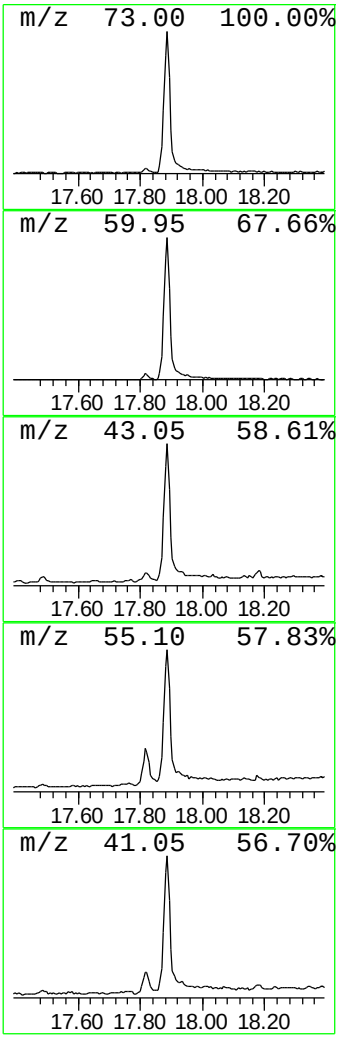
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	13.52 ng/ul	1808760	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	55





Library Search Compound Report

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Data File : BM027369.D
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Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

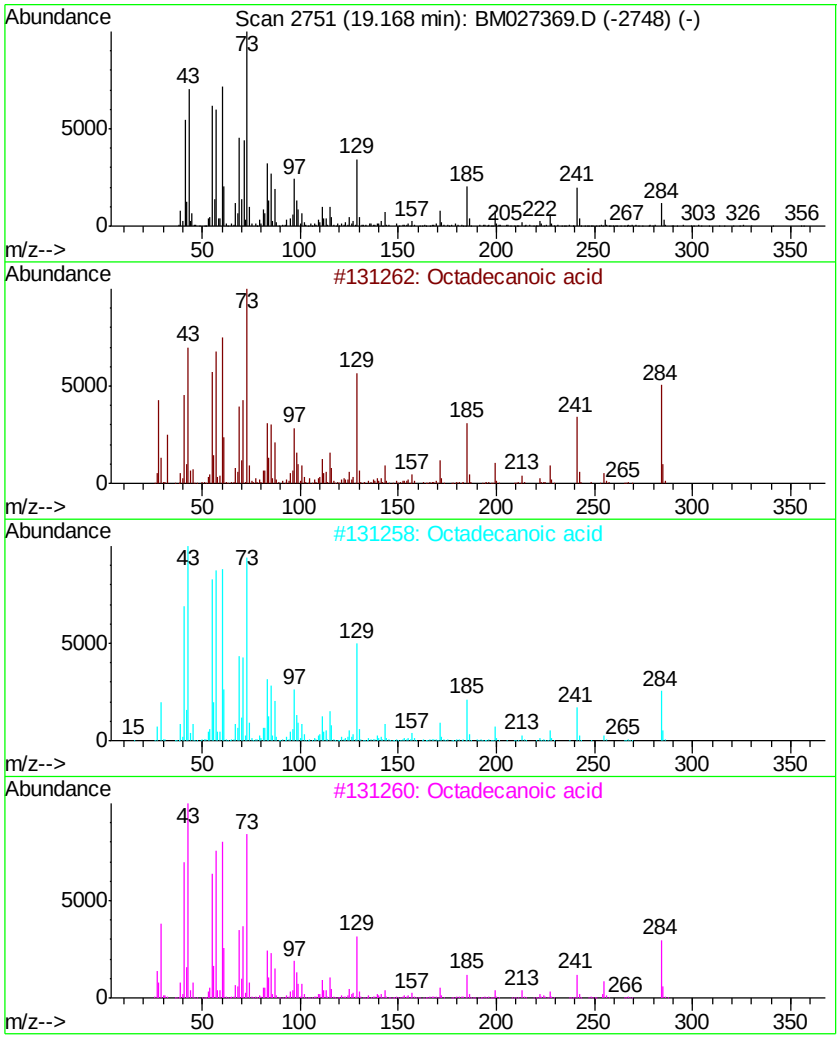
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

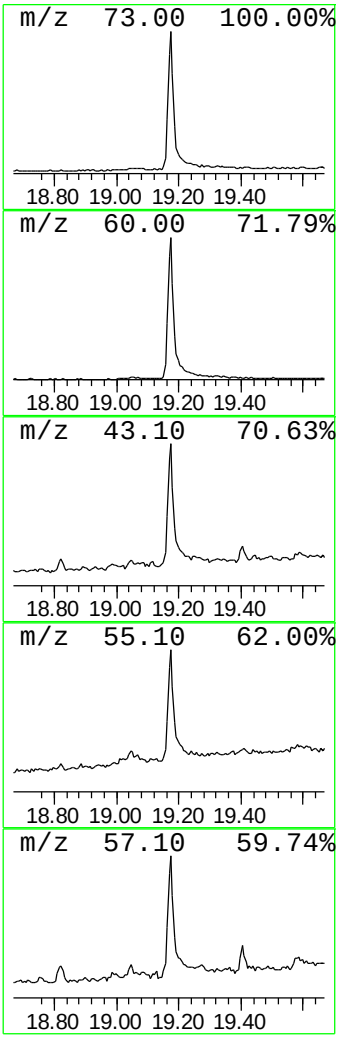
****

Peak Number 6 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	7.32 ng/ul	1310650	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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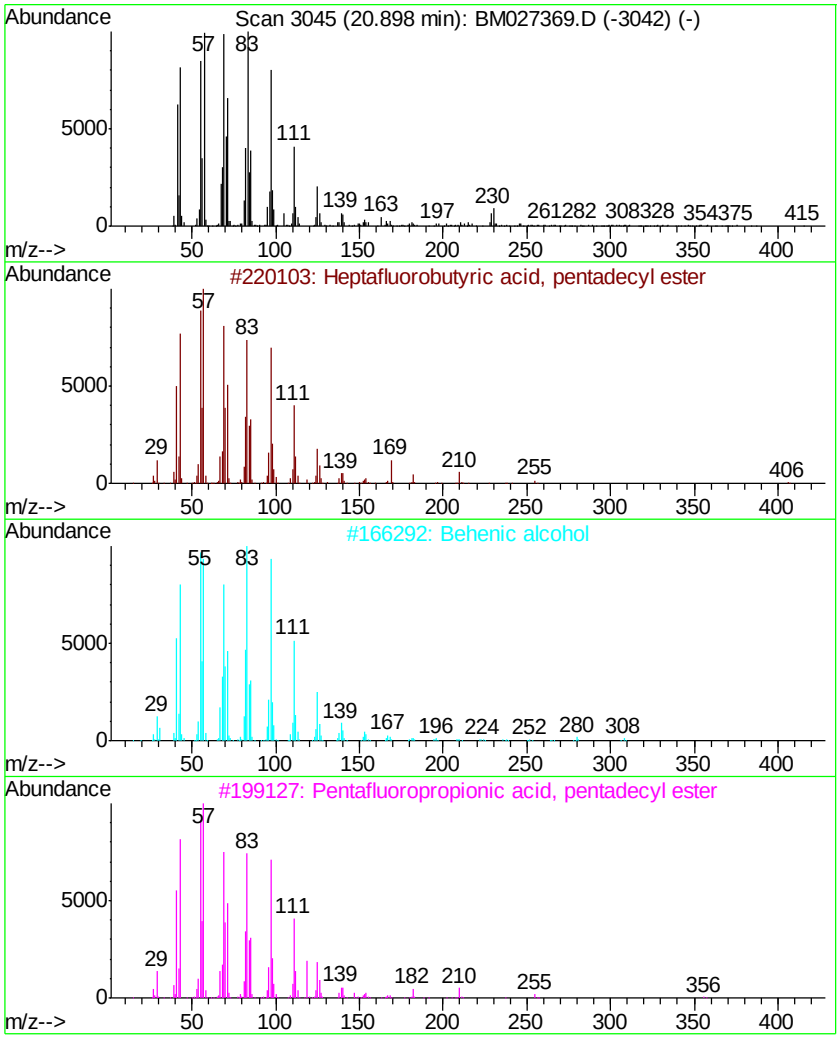
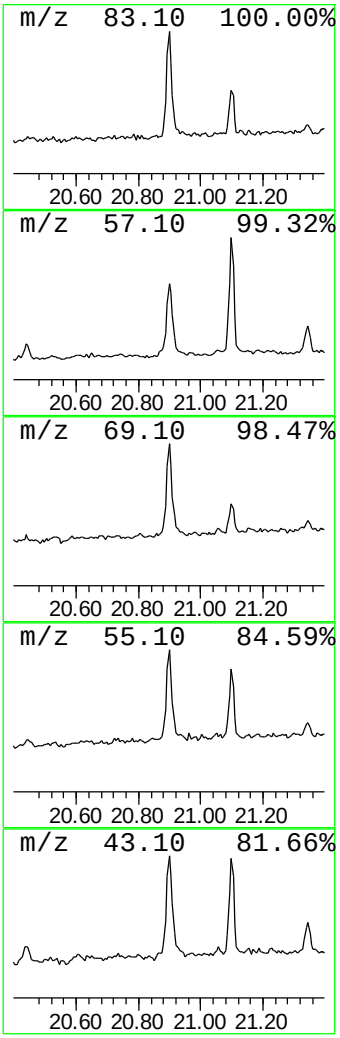
Peak Number 7 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.57 ng/ul	996612	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
4	Cyclotetradecane	196	C14H28	000295-17-0	86
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091020\
Data File : BM027369.D
Acq On : 10 Sep 2020 11:55
Operator : JU/CG
Sample : L3855-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW269

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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
Benzene, 1,2,3-tr...	7.23	4.1	ng/ul	209827	1	7.57	1024280	20.0
Mesitylene	7.69	2.4	ng/ul	123930	1	7.57	1024280	20.0
Caryophyllene	13.54	2.2	ng/ul	232387	3	14.21	2113640	20.0
cis-9-Hexadecenoi...	17.82	2.2	ng/ul	293979	4	16.96	2676550	20.0
n-Hexadecanoic acid	17.89	13.5	ng/ul	1808760	4	16.96	2676550	20.0
Octadecanoic acid	19.17	7.3	ng/ul	1310650	5	21.16	3580920	20.0
Heptafluorobutyri...	20.90	5.6	ng/ul	996612	5	21.16	3580920	20.0