LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
Data File : BM024338.D
Acq On : 27 Dec 2019 22:07
Operator : JU
Sample : K6281-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT3

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-BM121719MA.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	2.987	14	17	24	rVB	58925	87341	1.59%	0.151%
2	3.681	132	135	138	rVB3	9772	10797	0.20%	0.019%
3	4.117	206	209	212	rVB4	5705	6235	0.11%	0.011%
4	4.581	284	288	294	rVB8	3795	6248	0.11%	0.011%
5	5.516	443	447	452	rVB6	5617	10567	0.19%	0.018%
6	5.681	471	475	480	rVB6	5027	6200	0.11%	0.011%
7	5.975	522	525	530	rVB6	4730	8012	0.15%	0.014%
8	6.116	543	549	555	rVB9	6170	12175	0.22%	0.021%
9	6.228	564	568	574	rVB8	4434	9311	0.17%	0.016%
10	6.416	596	600	603	rBV5	6336	9962	0.18%	0.017%
11	6.575	623	627	629	rBV5	5802	7342	0.13%	0.013%
12	6.622	629	635	649	rVV	255435	518516	9.42%	0.897%
13	6.769	654	660	676	rBV	757057	1252719	22.75%	2.166%
14	6.958	685	692	706	rBV	870005	1482921	26.93%	2.564%
15	7.069	710	711	716	rVB5	9497	10353	0.19%	0.018%
16	7.322	753	754	761	rVB6	6262	9996	0.18%	0.017%
17	7.410	763	769	782	rBV	870961	1444625	26.24%	2.498%
18	7.863	840	846	848	rBV5	5520	8797	0.16%	0.015%
19	8.140	885	893	907	rBV	691805	1254837	22.79%	2.170%
20	8.275	914	916	919	rVB4	4800	6058	0.11%	0.010%
21	8.569	960	966	982	rVV	922572	1583255	28.75%	2.738%
22	8.734	990	994	995	rBV4	5393	7703	0.14%	0.013%
23	8.916	1021	1025	1027	rVB5	4147	5517	0.10%	0.010%
24	8.993	1033	1038	1043	rBV3	23789	37556	0.68%	0.065%
25	9.046	1043	1047	1054	rVB3	19774	33775	0.61%	0.058%
26	9.157	1060	1066	1068	rBV5	3596	6611	0.12%	0.011%
27	9.281	1081	1087	1102	rBV	755319	1358482	24.67%	2.349%
28	9.516	1124	1127	1131	rVB5	6079	7712	0.14%	0.013%
29	9.716	1158	1161	1164	rBV4	3977	6153	0.11%	0.011%
30	9.822	1171	1179	1194	rBV	1044935	2074008	37.67%	3.586%
31	9.975	1203	1205	1210	rVB6	5741	8798	0.16%	0.015%
32	10.181	1232	1240	1253	rBV	1212977	2028726	36.84%	3.508%
33	10.293	1253	1259	1264	rBV3	18577	32967	0.60%	0.057%
34	10.363	1266	1271	1279	rVV2	30410	61200	1.11%	0.106%

LSC Area Percent Report

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Sample : K6281-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT3

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-BM121719MA.M
Title : SVOA CALIBRATION

35	10.475	1286	1290	1298	rVB6	21506	41620	0.76%	0.072%
36	10.610	1308	1313	1326	rBV2	162199	410531	7.46%	0.710%
37	10.769	1335	1340	1341	rBV5	10208	15124	0.27%	0.026%
38	10.975	1370	1375	1377	rBV6	5307	8723	0.16%	0.015%
39	11.045	1377	1387	1394	rBV3	62491	156390	2.84%	0.270%
40	11.110	1395	1398	1403	rVV2	25559	41103	0.75%	0.071%
41	11.163	1403	1407	1413	rVB	25876	37400	0.68%	0.065%
42	11.457	1453	1457	1458	rVV4	7869	10649	0.19%	0.018%
43	11.475	1458	1460	1465	rVV4	9131	13173	0.24%	0.023%
44	11.522	1465	1468	1471	rVB4	3855	6026	0.11%	0.010%
45	11.675	1491	1494	1495	rBV3	7788	8513	0.15%	0.015%
46	11.704	1495	1499	1500	rVV2	7091	8945	0.16%	0.015%
47	11.763	1504	1509	1510	rBV5	8384	12274	0.22%	0.021%
48	11.793	1510	1514	1517	rVV2	12671	17715	0.32%	0.031%
49	11.916	1531	1535	1537	rBV5	5238	7276	0.13%	0.013%
50	11.957	1537	1542	1547	rVB6	10727	16377	0.30%	0.028%
51	12.175	1577	1579	1584	rVB5	4140	6629	0.12%	0.011%
52	12.222	1584	1587	1588	rBV3	6095	5668	0.10%	0.010%
53	12.422	1616	1621	1627	rVB7	6294	9968	0.18%	0.017%
54	12.557	1639	1644	1649	rBV8	12275	31056	0.56%	0.054%
55	12.681	1660	1665	1670	rVB7	11014	15517	0.28%	0.027%
56	12.916	1700	1705	1712	rBV10	8190	17503	0.32%	0.030%
57	12.992	1712	1718	1724	rVB3	24797	46254	0.84%	0.080%
58	13.504	1799	1805	1810	rBV	2163276	2938272	53.36%	5.081%
59	13.551	1810	1813	1819	rVB	87341	127832	2.32%	0.221%
60	13.769	1842	1850	1857	rBV	2429279	3633297	65.99%	6.283%
61	13.910	1871	1874	1875	rBV3	5642	6730	0.12%	0.012%
62	13.957	1876	1882	1896	rVV2	81984	240398	4.37%	0.416%
63	14.081	1896	1903	1916	rVB	1732853	2614493	47.48%	4.521%
64	14.181	1916	1920	1925	rBV7	21564	31831	0.58%	0.055%
65	14.357	1944	1950	1961	rBV2	122856	318447	5.78%	0.551%
66	14.504	1970	1975	1977	rBV5	10910	17969	0.33%	0.031%
67	14.798	2023	2025	2029	rVB5	7220	7994	0.15%	0.014%
68	14.863	2033	2036	2040	rBV5	9529	17535	0.32%	0.030%
69	15.081	2067	2073	2082	rBV	3139031	4466620	81.12%	7.724%
70	15.239	2094	2100	2111	rBV	873648	1309367	23.78%	2.264%
71	15.322	2111	2114	2116	rVV	42604	58964	1.07%	0.102%

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Misc :
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Instrument : BNA_M
ClientSampleId : BFQT3

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

72	15.363	2116	2121	2130	rVB	384079	563953	10.24%	0.975%
73	15.610	2159	2163	2168	rVB7	14789	25989	0.47%	0.045%
74	15.675	2168	2174	2180	rBV	333118	451145	8.19%	0.780%
75	15.763	2187	2189	2190	rBV2	6851	5888	0.11%	0.010%
76	15.875	2204	2208	2211	rVB6	14862	23651	0.43%	0.041%
77	15.957	2217	2222	2224	rBV6	9112	16796	0.31%	0.029%
78	16.104	2241	2247	2251	rBV4	33909	55847	1.01%	0.097%
79	16.175	2255	2259	2263	rVV	56909	79944	1.45%	0.138%
80	16.251	2267	2272	2279	rVB	56925	92127	1.67%	0.159%
81	16.416	2296	2300	2305	rBV6	21915	29275	0.53%	0.051%
82	16.551	2320	2323	2327	rVB3	17449	21897	0.40%	0.038%
83	16.622	2333	2335	2341	rBV4	22437	30327	0.55%	0.052%
84	16.663	2341	2342	2347	rVB5	13602	12862	0.23%	0.022%
85	16.839	2366	2372	2379	rBV	2063284	2917506	52.99%	5.045%
86	16.939	2382	2389	2402	rBV	3184986	4587459	83.31%	7.933%
87	17.763	2525	2529	2537	rBV	210615	367435	6.67%	0.635%
88	18.880	2717	2719	2722	rBV2	34388	27844	0.51%	0.048%
89	19.063	2746	2750	2757	rBV2	84414	150713	2.74%	0.261%
90	19.245	2776	2781	2791	rBV	3913394	5142663	93.40%	8.893%
91	20.792	3040	3044	3049	rBV	685012	862886	15.67%	1.492%
92	21.051	3083	3088	3097	rBV	2494271	3259560	59.20%	5.637%
93	23.039	3420	3426	3432	rBV	3110203	5506224	100.00%	9.522%
94	23.174	3443	3449	3459	rVB	1899768	3447059	62.60%	5.961%

Sum of corrected areas: 57828708

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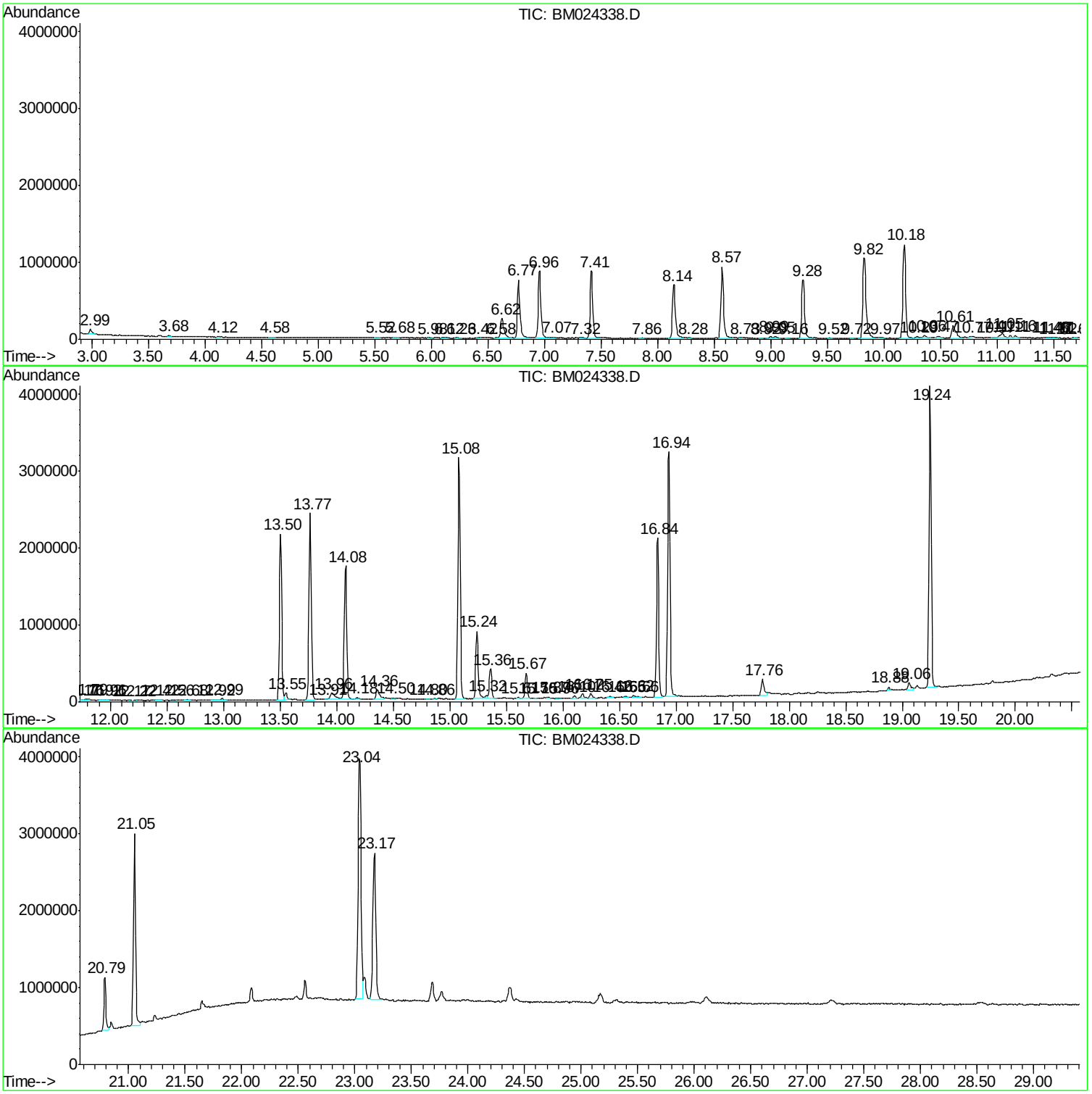
Instrument : BNA_M
ClientSampleId : BFQT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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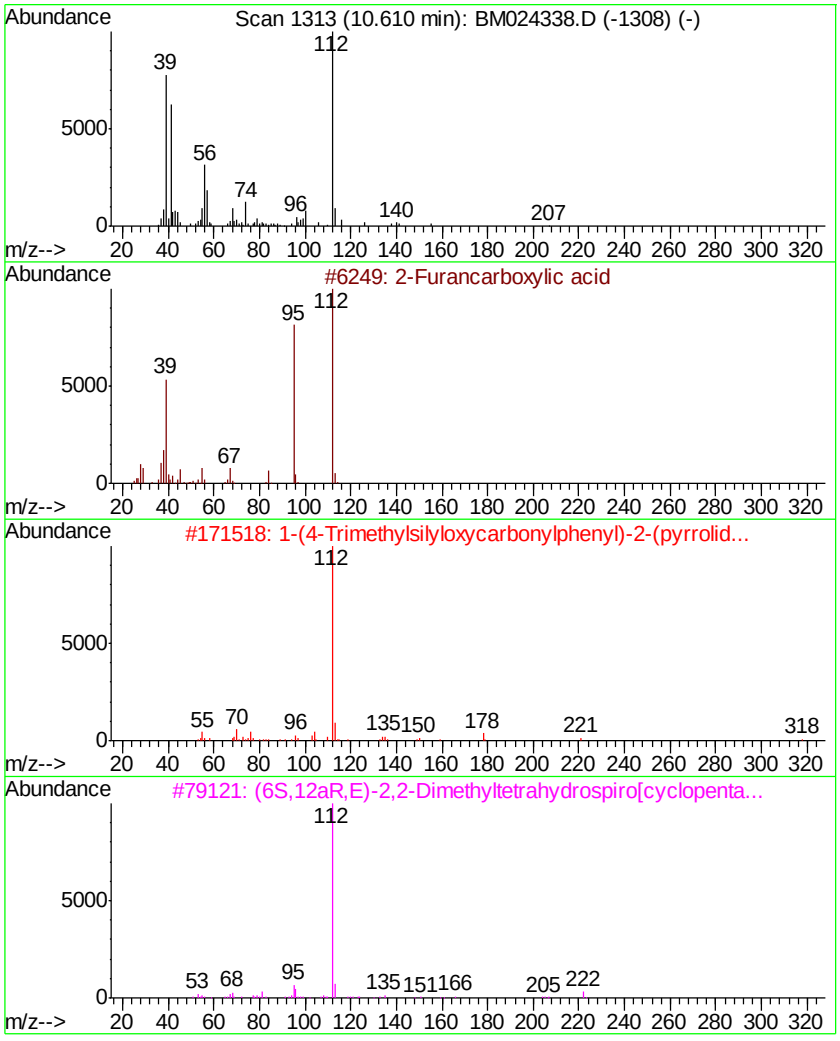
TIC Integration Parameters: LSCINT.P

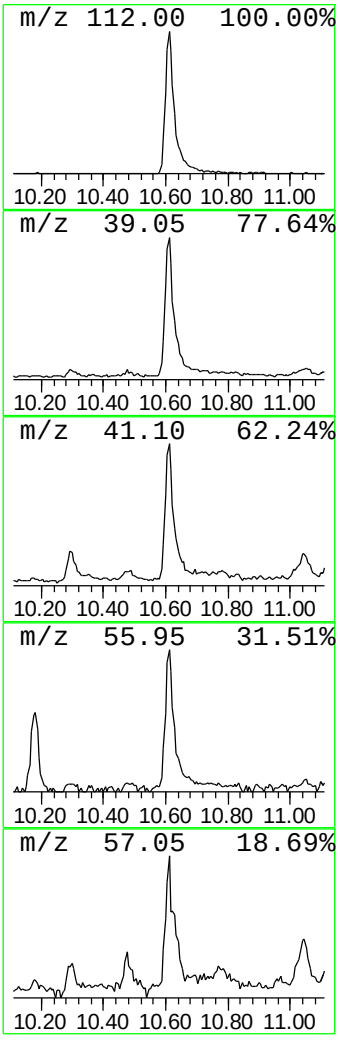
****

Peak Number 1 2-Furancarboxylic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	4.05 ng/ul	410531	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	56
2	1-(4-Trimethylsilyloxycarbonylph...	333	C18H27NO3Si	1000360-39-3	38
3	(6S,12aR,E)-2,2-Dimethyltetrahyd...	222	C13H22N2O	109175-49-7	38
4	4H-1,2,4-Triazol-3-amine, 4-ethyl-	112	C4H8N4	042786-06-1	11
5	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	10





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BFQT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

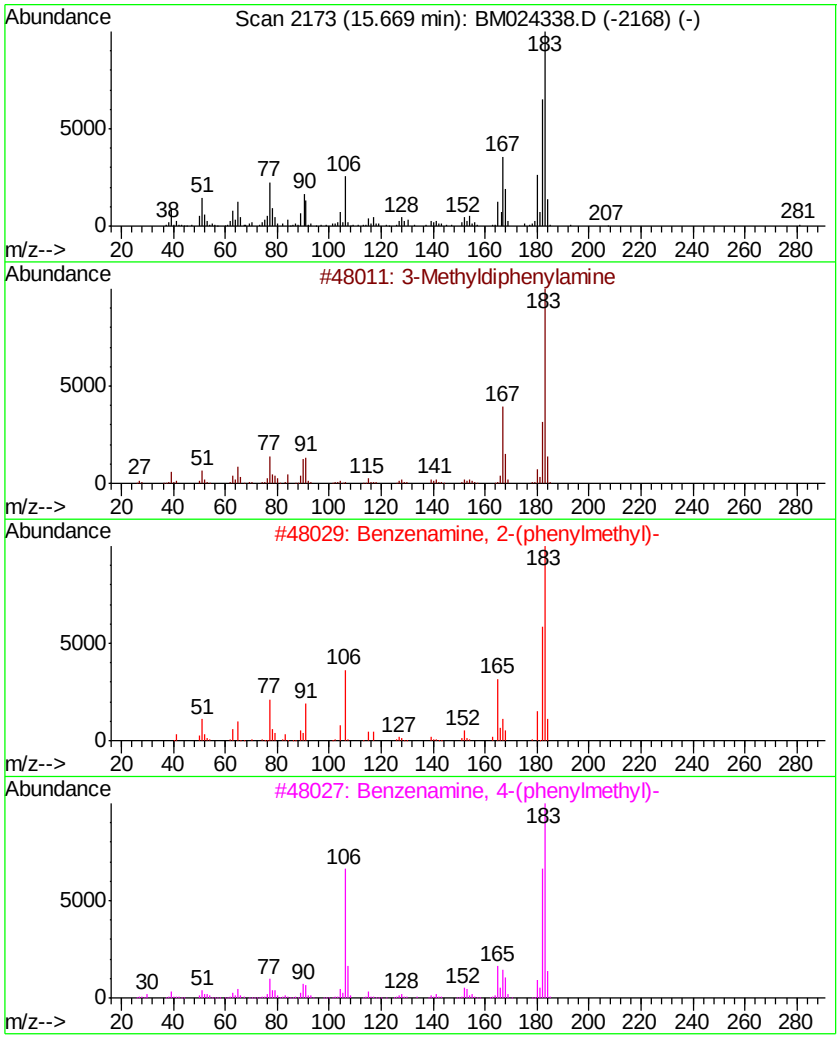
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

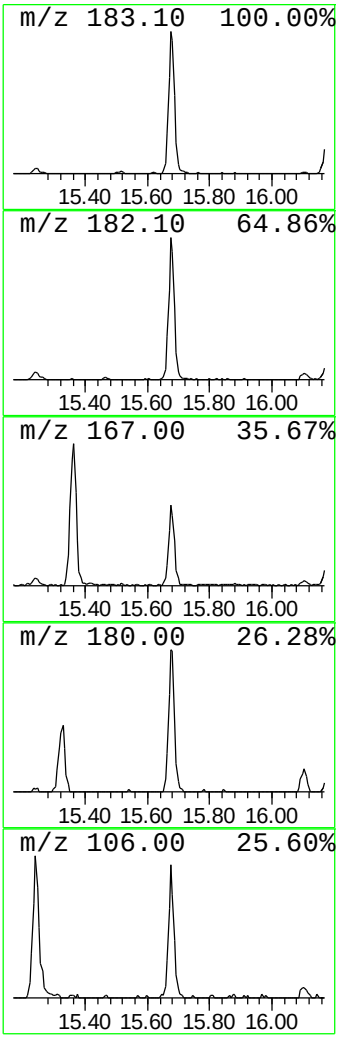
****

Peak Number 2 3-Methyldiphenylamine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.09 ng/ul	451145	Phenanthrene-d10	16.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyldiphenylamine	183	C13H13N	001205-64-7	92
2	Benzenamine, 2-(phenylmethyl)-	183	C13H13N	028059-64-5	76
3	Benzenamine, 4-(phenylmethyl)-	183	C13H13N	001135-12-2	62
4	Benzenamine, N-methyl-N-phenyl-	183	C13H13N	000552-82-9	58
5	3-Methyldiphenylamine	183	C13H13N	001205-64-7	58





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Quant Title : SVOA CALIBRATION

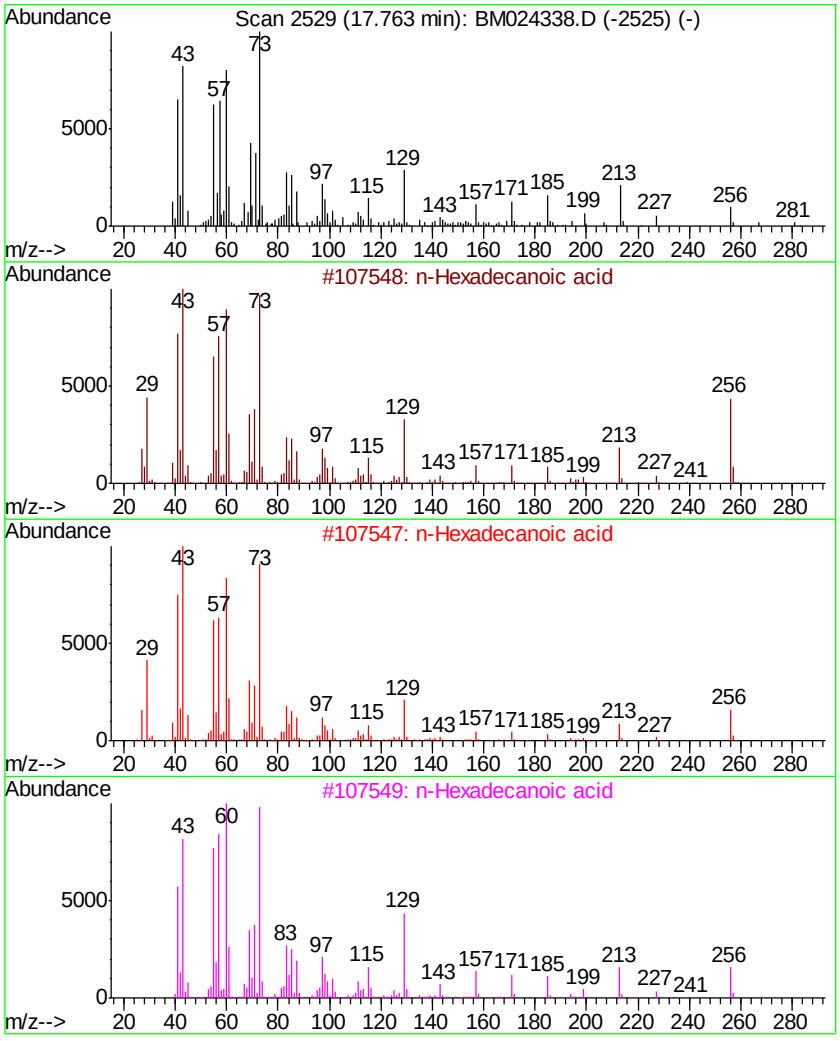
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

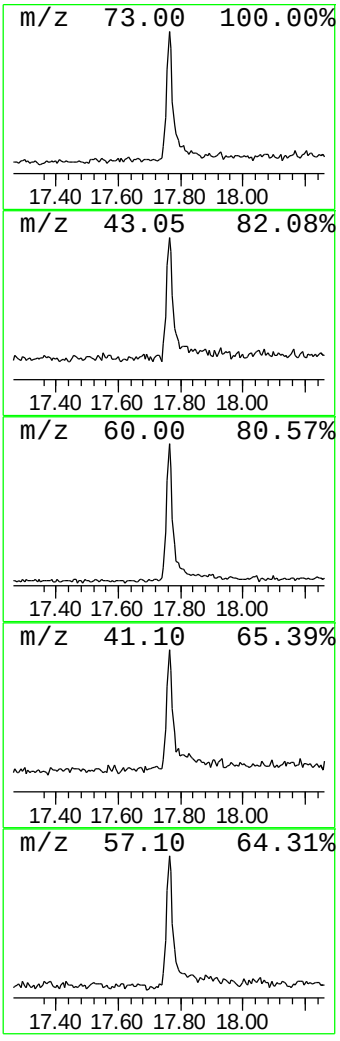
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.52 ng/ul	367435	Phenanthrene-d10	16.84

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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Dodecanoic acid	200	C12H24O2	000143-07-7	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFQT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

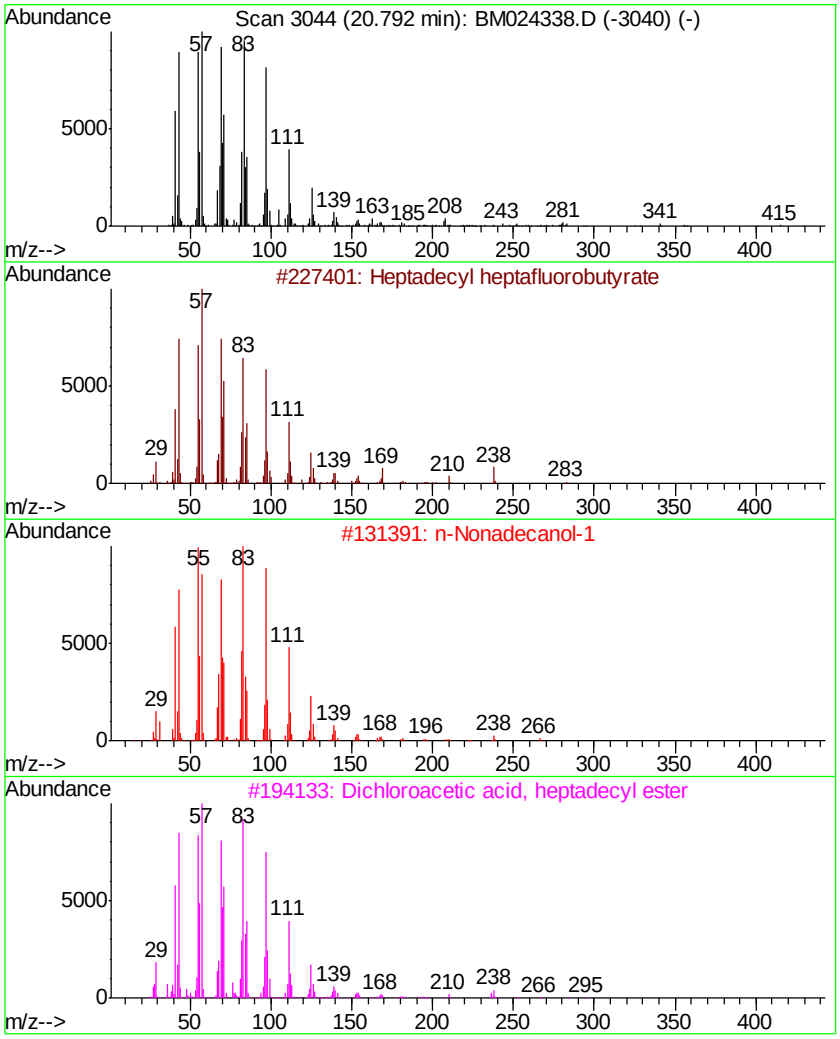
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

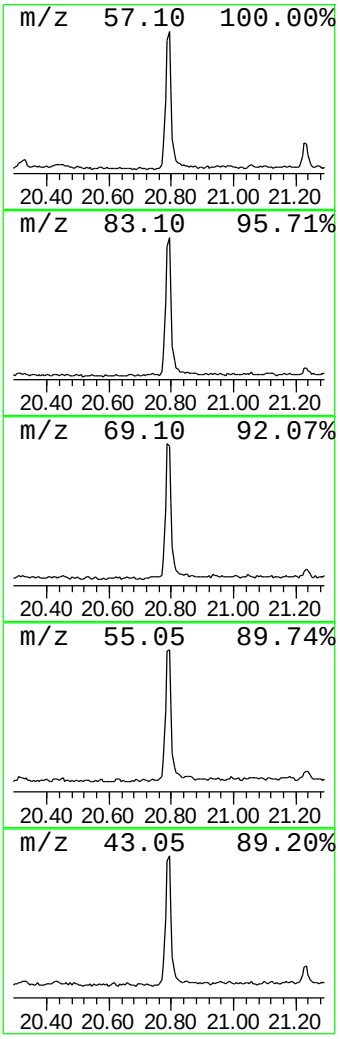
****

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.29 ng/ul	862886	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

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Acq On : 27 Dec 2019 22:07
Operator : JU
Sample : K6281-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
2-Furancarboxylic...	10.61	4.0	ng/ul	410531	2	10.18	2028730	20.0
3-Methyldiphenyla...	15.67	3.1	ng/ul	451145	4	16.84	2917510	20.0
n-Hexadecanoic acid	17.76	2.5	ng/ul	367435	4	16.84	2917510	20.0
Heptadecyl heptaf...	20.79	5.3	ng/ul	862886	5	21.05	3259560	20.0