LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022598.D
Acq On : 09 Sep 2019 11:11
Operator : HP/JU
Sample : K4706-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF574

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-BM090519MA.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	3.040	5	9	41	rVB	3079518	4760931	37.67%	3.673%
2	3.275	45	49	50	rVV2	23866	25816	0.20%	0.020%
3	3.299	50	53	63	rVB	81631	132289	1.05%	0.102%
4	3.963	160	166	170	rBV	22239	35877	0.28%	0.028%
5	4.052	177	181	187	rVB	15444	22754	0.18%	0.018%
6	6.522	595	601	607	rVB5	9014	15594	0.12%	0.012%
7	7.010	677	684	696	rBV2	451326	880104	6.96%	0.679%
8	7.181	704	713	732	rBV	1112474	1809205	14.31%	1.396%
9	7.387	740	748	758	rBV	1327648	2118273	16.76%	1.634%
10	7.851	817	827	836	rBV	1298806	2097378	16.59%	1.618%
11	7.922	836	839	845	rVB	8603	13916	0.11%	0.011%
12	8.398	915	920	926	rVB3	8019	13952	0.11%	0.011%
13	8.551	939	946	953	rBV	1169140	1861465	14.73%	1.436%
14	8.604	953	955	961	rVB	13178	18294	0.14%	0.014%
15	9.004	1014	1023	1034	rBV	1458360	2366638	18.72%	1.826%
16	9.098	1034	1039	1046	rVB	66345	101805	0.81%	0.079%
17	9.728	1137	1146	1159	rBV	1126613	1845804	14.60%	1.424%
18	10.263	1229	1237	1251	rBV	1927819	3155337	24.96%	2.434%
19	10.645	1294	1302	1308	rBV	1955058	3264338	25.83%	2.518%
20	10.698	1308	1311	1316	rVV	89273	134385	1.06%	0.104%
21	10.775	1318	1324	1337	rVB	130992	235868	1.87%	0.182%
22	12.233	1563	1572	1579	rVV2	31019	54379	0.43%	0.042%
23	12.310	1579	1585	1591	rVB	62464	97325	0.77%	0.075%
24	12.528	1615	1622	1631	rVB	48454	76543	0.61%	0.059%
25	13.322	1751	1757	1763	rBV2	53776	81978	0.65%	0.063%
26	13.522	1785	1791	1795	rBV	19615	29526	0.23%	0.023%
27	13.651	1807	1813	1815	rBV2	31238	55517	0.44%	0.043%
28	13.810	1834	1840	1845	rVV	52862	85947	0.68%	0.066%
29	13.892	1845	1854	1859	rVV	3821163	5304898	41.97%	4.092%
30	13.939	1859	1862	1869	rVB	363898	465568	3.68%	0.359%
31	14.045	1875	1880	1883	rBV2	22904	33198	0.26%	0.026%
32	14.180	1896	1903	1914	rVB	4194925	6286086	49.73%	4.849%
33	14.486	1945	1955	1961	rBV	3242081	4773562	37.77%	3.682%
34	14.545	1961	1965	1974	rVB	244563	377783	2.99%	0.291%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4706-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF574

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-BM090519MA.M
Title : SVOA CALIBRATION

35	14.657	1978	1984	1998	rBV	553986	795745	6.30%	0.614%
36	14.798	2004	2008	2013	rVB3	12294	18302	0.14%	0.014%
37	14.880	2017	2022	2028	rVV	262560	383445	3.03%	0.296%
38	14.963	2031	2036	2040	rVB3	13486	18807	0.15%	0.015%
39	15.027	2043	2047	2052	rVV7	9311	13561	0.11%	0.010%
40	15.104	2052	2060	2063	rVV8	9747	23082	0.18%	0.018%
41	15.151	2063	2068	2074	rVB6	12697	24810	0.20%	0.019%
42	15.292	2083	2092	2099	rBV4	12658	32602	0.26%	0.025%
43	15.351	2099	2102	2108	rVB4	12609	15901	0.13%	0.012%
44	15.474	2116	2123	2129	rBV	5785114	8069066	63.84%	6.224%
45	15.527	2129	2132	2136	rVV	320415	416719	3.30%	0.321%
46	15.580	2136	2141	2150	rVV	1558075	2034817	16.10%	1.570%
47	15.710	2156	2163	2172	rVV2	65533	144500	1.14%	0.111%
48	15.780	2172	2175	2179	rVV5	16595	24144	0.19%	0.019%
49	15.827	2179	2183	2192	rVB	44235	69539	0.55%	0.054%
50	15.969	2203	2207	2215	rVB	43555	82529	0.65%	0.064%
51	16.057	2215	2222	2226	rVB7	11689	24038	0.19%	0.019%
52	16.168	2237	2241	2242	rBV4	10330	13258	0.10%	0.010%
53	16.204	2245	2247	2251	rVV3	13338	14955	0.12%	0.012%
54	16.257	2251	2256	2262	rVB3	29200	46882	0.37%	0.036%
55	16.321	2264	2267	2271	rVB3	10500	13215	0.10%	0.010%
56	16.480	2289	2294	2297	rBV2	18571	29020	0.23%	0.022%
57	16.533	2299	2303	2308	rVB4	18893	30433	0.24%	0.023%
58	16.680	2323	2328	2331	rBV4	12172	15688	0.12%	0.012%
59	16.904	2362	2366	2370	rVB5	13129	19489	0.15%	0.015%
60	17.004	2380	2383	2385	rVV2	23462	31893	0.25%	0.025%
61	17.039	2385	2389	2394	rVB	63833	90421	0.72%	0.070%
62	17.221	2413	2420	2424	rBV2	3971733	5655311	44.74%	4.362%
63	17.263	2424	2427	2431	rVV	831806	1101176	8.71%	0.849%
64	17.321	2431	2437	2450	rVB	6620101	9197095	72.76%	7.095%
65	17.457	2457	2460	2464	rBV4	8472	13284	0.11%	0.010%
66	17.615	2479	2487	2492	rBV2	42775	83903	0.66%	0.065%
67	18.121	2564	2573	2589	rBV2	417249	764967	6.05%	0.590%
68	18.292	2598	2602	2606	rBV2	52167	78523	0.62%	0.061%
69	18.433	2622	2626	2634	rVB5	44978	77772	0.62%	0.060%
70	18.533	2640	2643	2649	rVB8	18788	23716	0.19%	0.018%
71	18.592	2650	2653	2656	rVB2	21766	26704	0.21%	0.021%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BF574

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Title : SVOA CALIBRATION

72	19.004	2719	2723	2730	rVB5	34357	71528	0.57%	0.055%
73	19.239	2758	2763	2766	rBV	83124	138587	1.10%	0.107%
74	19.274	2766	2769	2775	rVB	165431	207138	1.64%	0.160%
75	19.398	2786	2790	2799	rBV2	174016	261334	2.07%	0.202%
76	19.498	2803	2807	2814	rVB	77078	115130	0.91%	0.089%
77	19.609	2820	2826	2839	rBV	8611333	11566799	91.51%	8.922%
78	20.133	2912	2915	2918	rBV3	28503	32069	0.25%	0.025%
79	21.115	3078	3082	3093	rBV	725420	1020856	8.08%	0.787%
80	21.398	3125	3130	3142	rBV	5733368	6997503	55.36%	5.398%
81	21.568	3156	3159	3162	rVB	78672	84310	0.67%	0.065%
82	22.015	3231	3235	3240	rBV3	163960	246337	1.95%	0.190%
83	22.486	3312	3315	3320	rVB	208353	245184	1.94%	0.189%
84	23.015	3400	3405	3409	rBV	321632	508056	4.02%	0.392%
85	23.544	3487	3495	3502	rBV	6798666	12639936	100.00%	9.750%
86	23.603	3502	3505	3511	rVV	356396	571612	4.52%	0.441%
87	23.692	3512	3520	3532	rVB	3963349	7497997	59.32%	5.784%
88	24.280	3615	3620	3626	rVB	302790	548563	4.34%	0.423%
89	24.756	3695	3701	3719	rVB	709943	1786204	14.13%	1.378%
90	25.038	3741	3749	3753	rBV3	2048803	4751749	37.59%	3.665%
91	25.097	3753	3759	3766	rVB	2862952	6541545	51.75%	5.046%
92	25.503	3821	3828	3843	rVB2	606596	1652402	13.07%	1.275%

Sum of corrected areas: 129636484

LSC Report - Integrated Chromatogram

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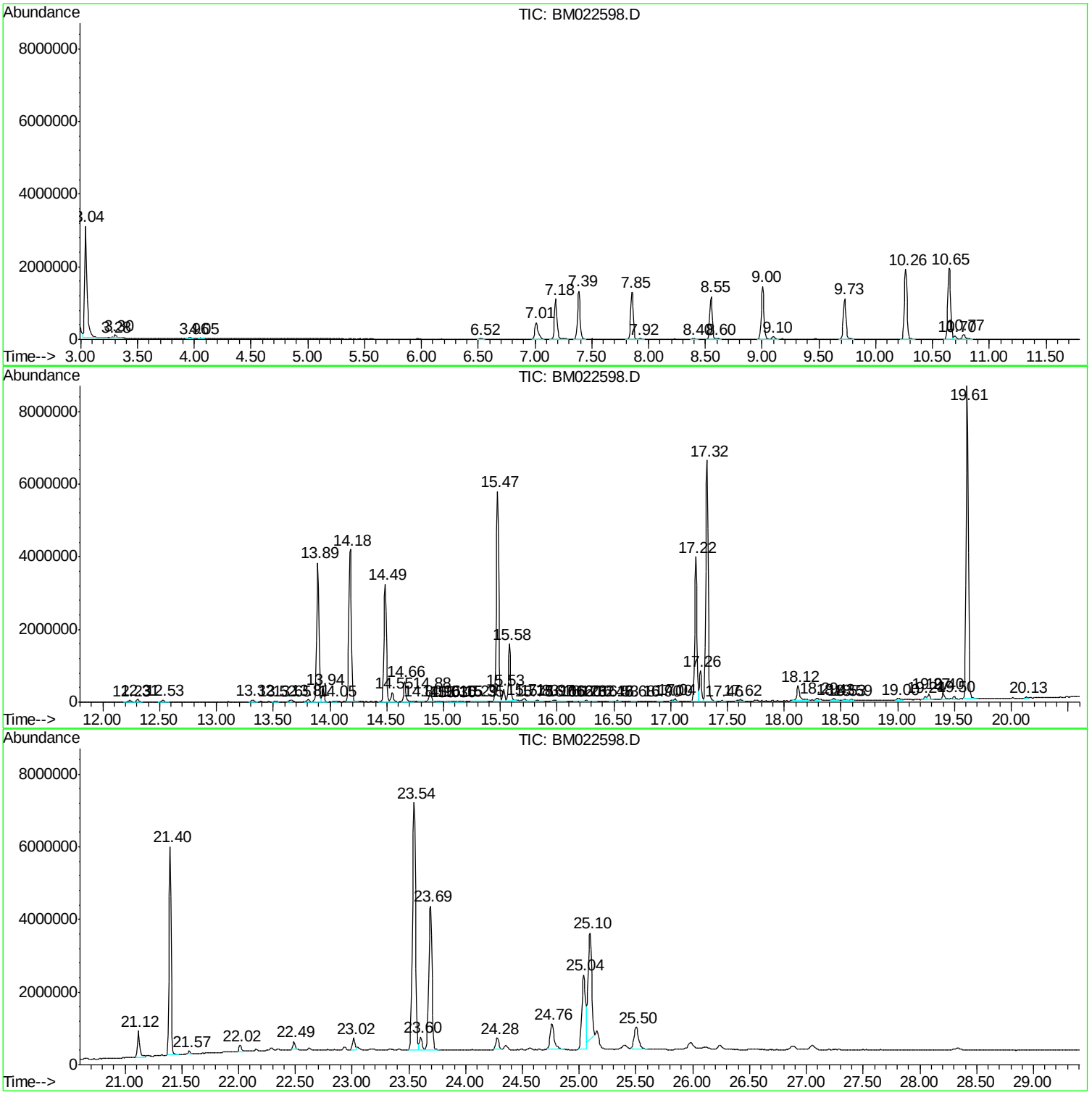
Sample : K4706-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF574

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.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\BM090819\
Data File : BM022598.D
Acq On : 09 Sep 2019 11:11
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

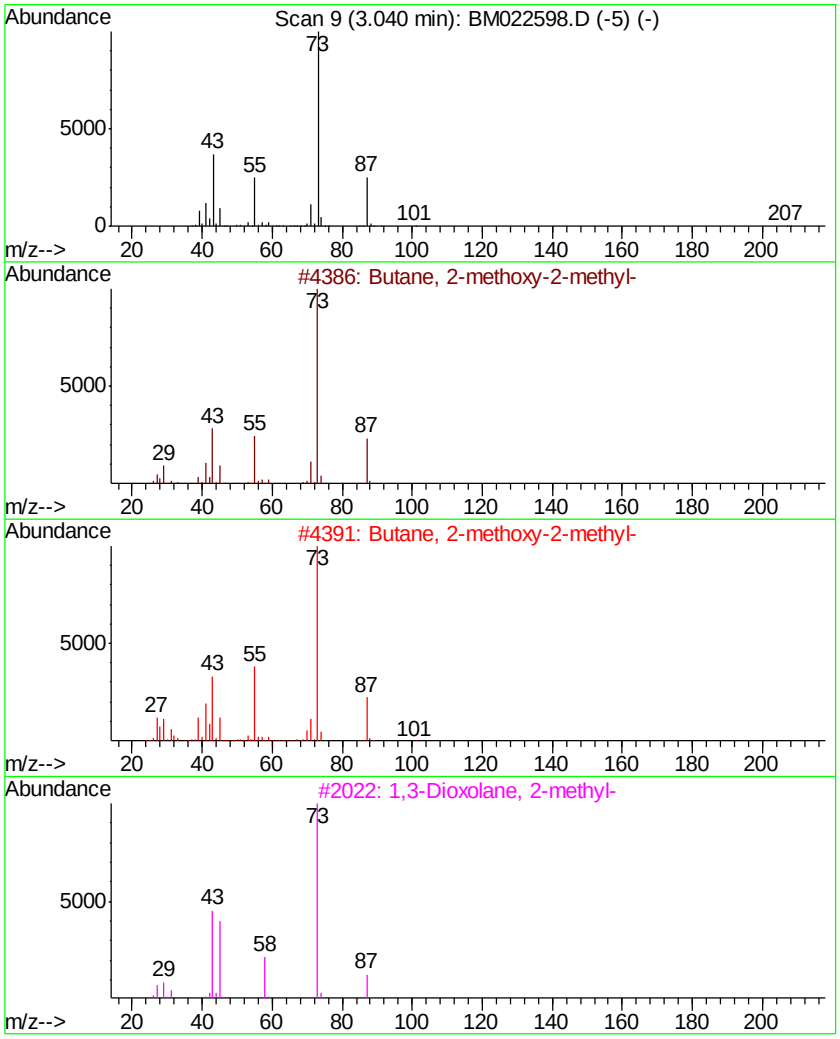
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

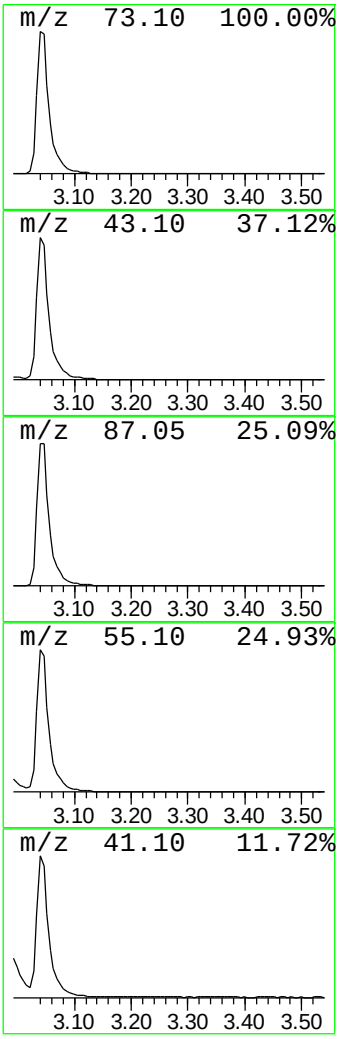
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	45.40 ng/ul	4760930	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

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Data File : BM022598.D
Acq On : 09 Sep 2019 11:11
Operator : HP/JU
Sample : K4706-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF574

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

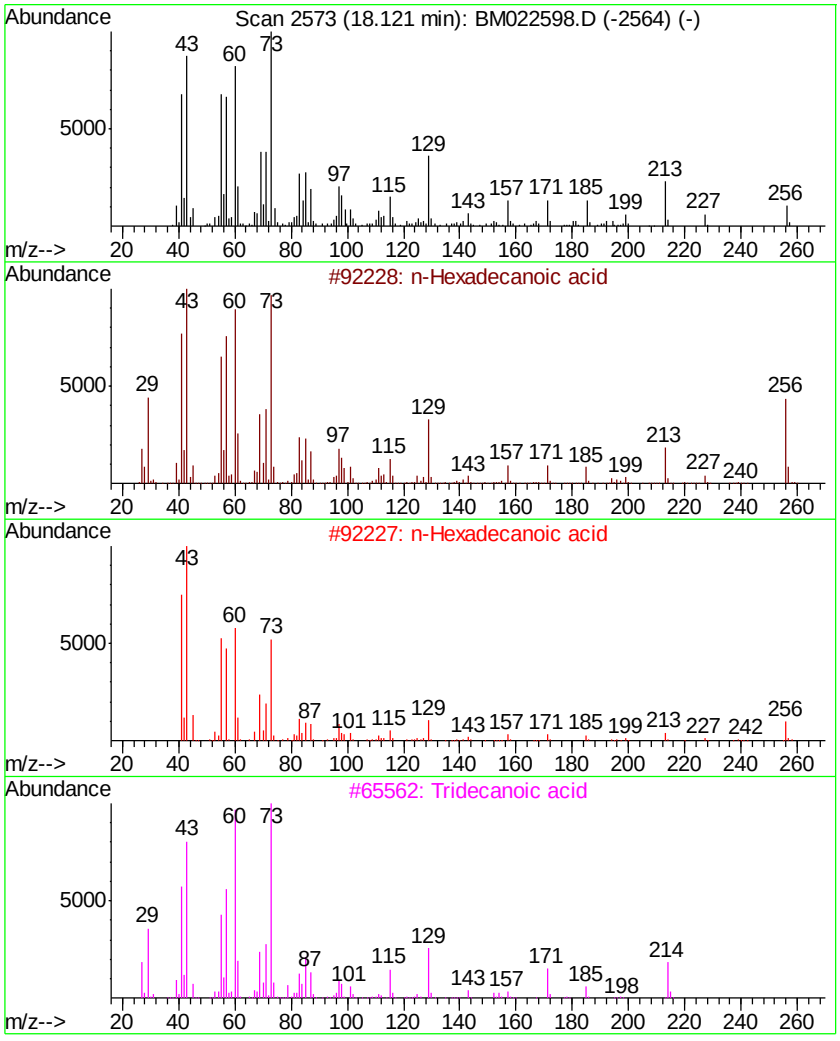
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

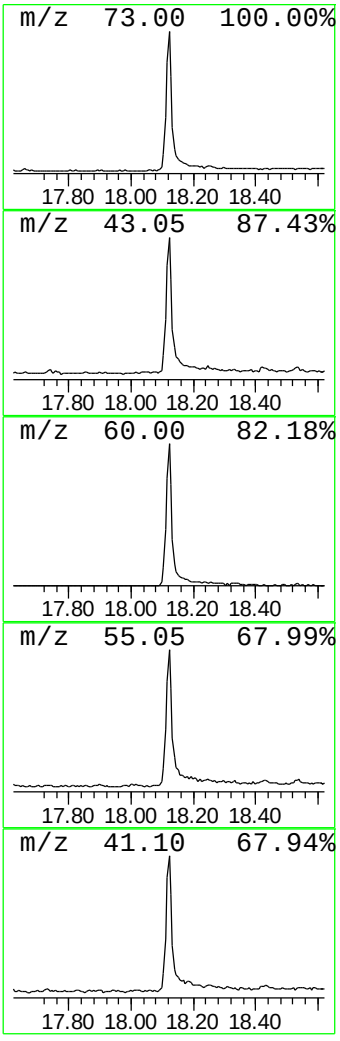
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.71 ng/ul	764967	Phenanthrene-d10	17.22

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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

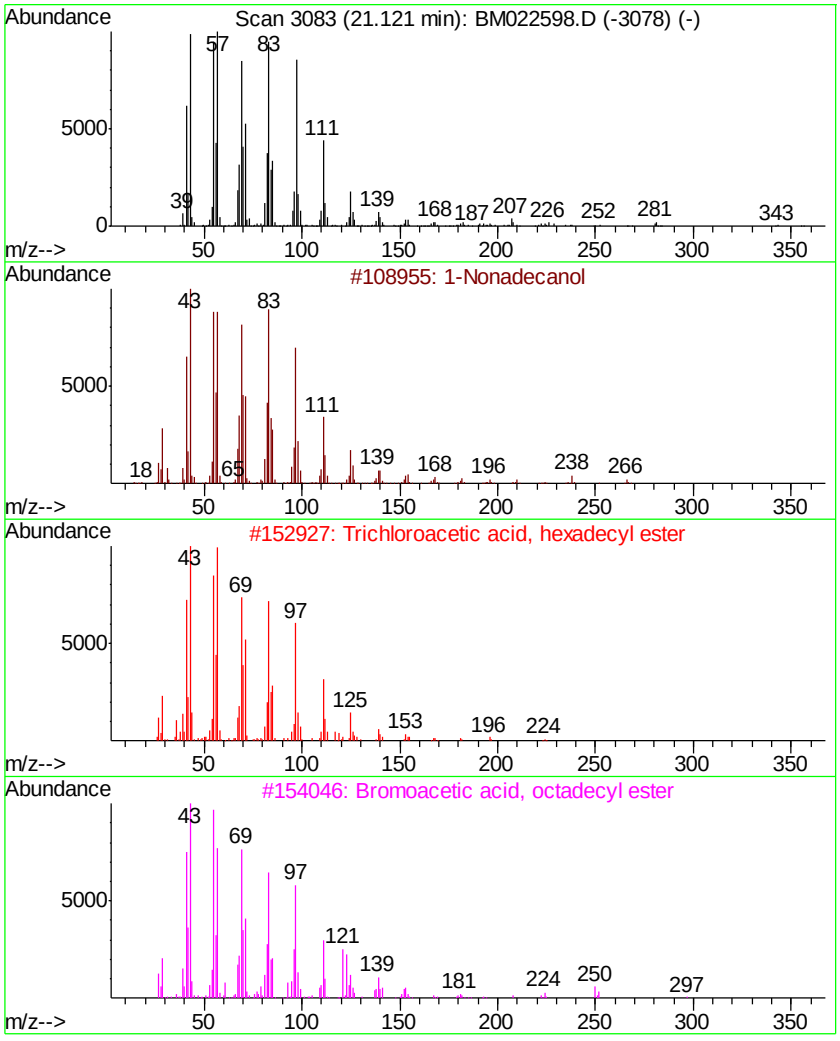
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

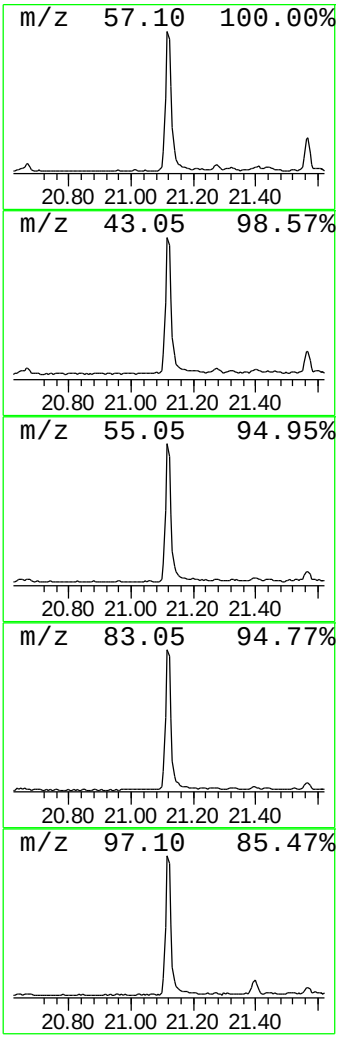
****

Peak Number 3 1-Nonadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.92 ng/ul	1020860	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Misc :
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Instrument : BNA_M
ClientSampleId : BF574

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

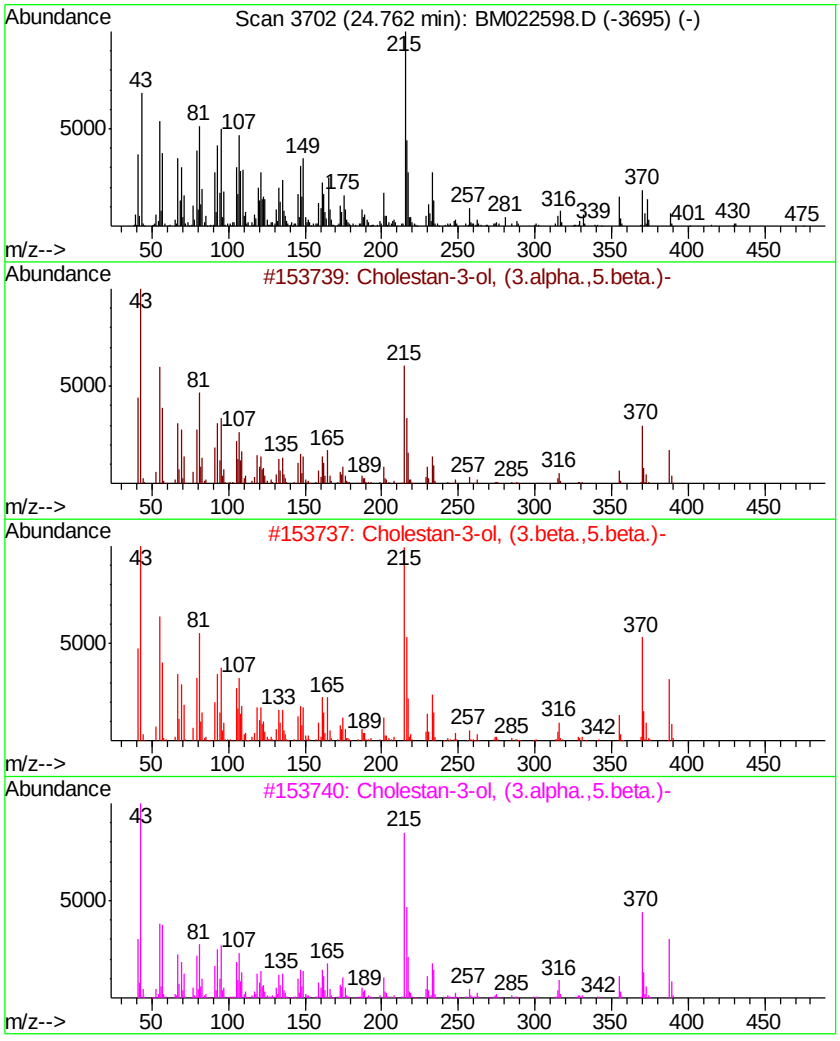
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

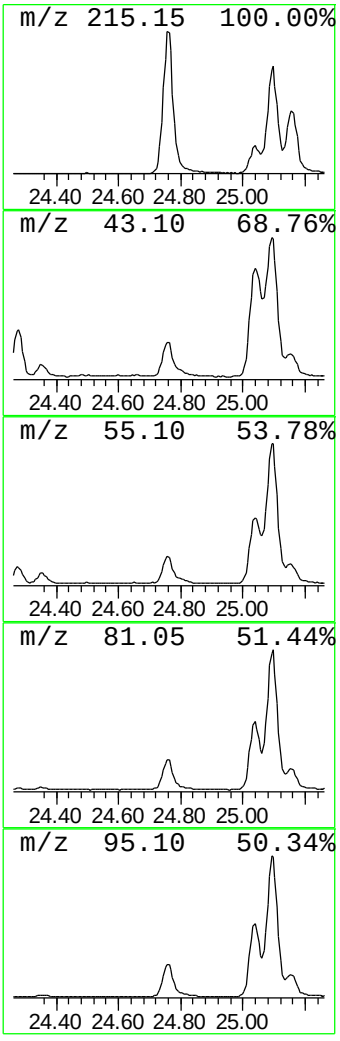
****

Peak Number 4 Cholestan-3-ol, (3.alpha.,5... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	4.76 ng/ul	1786200	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	98
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	95
3	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	95
4	Cholestanol acetate	430	C29H50O2	104757-70-2	83
5	Cholestan-3-ol, acetate, (3.beta.)-	430	C29H50O2	042995-53-9	64





Library Search Compound Report

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Operator : HP/JU
Sample : K4706-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF574

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

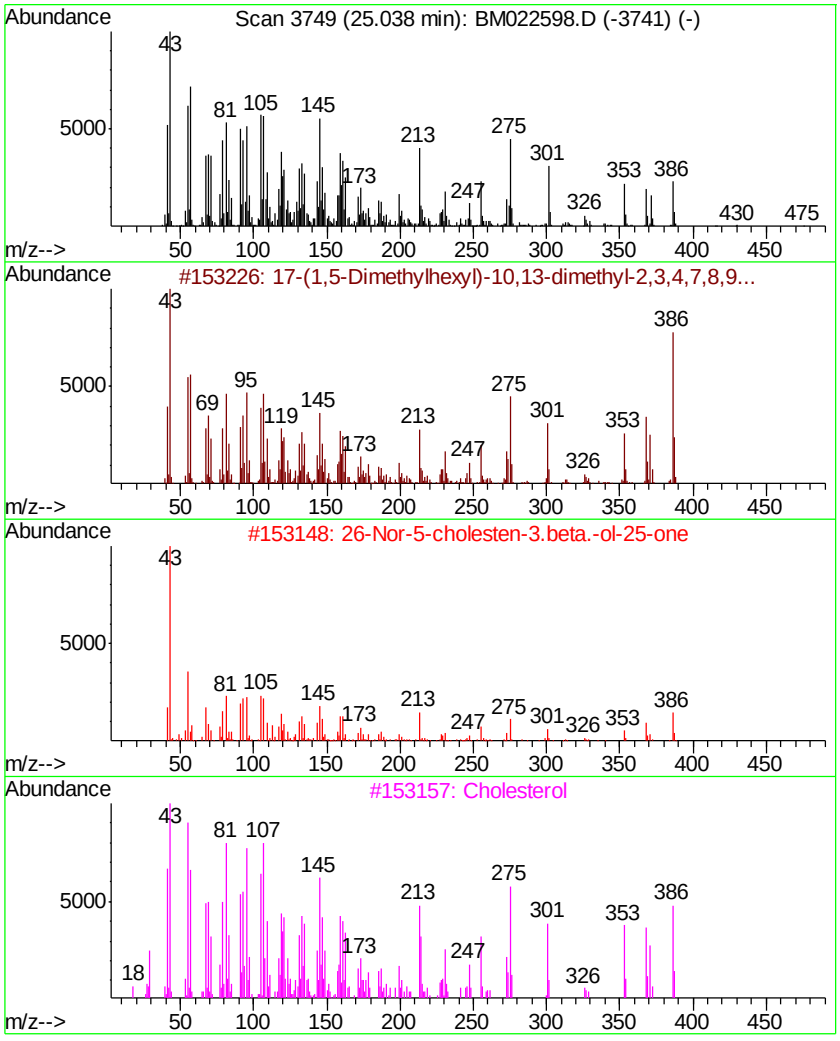
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

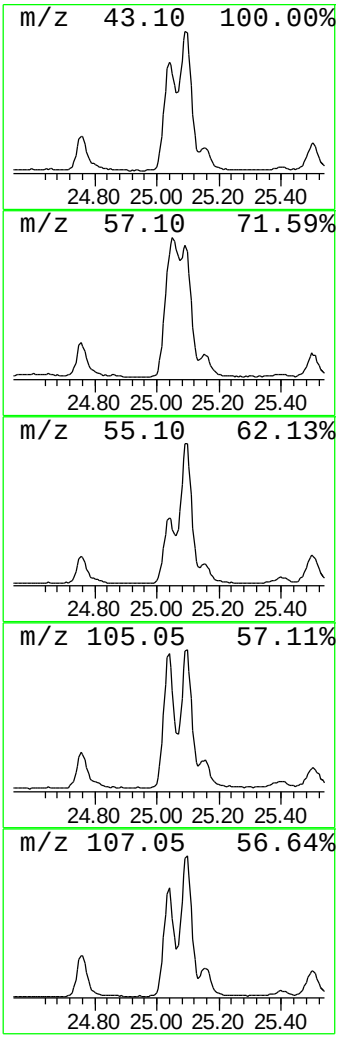
****

Peak Number 5 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.04	12.67 ng/ul	4751750	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3	Cholesterol	386	C27H46O	000057-88-5	95
4	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	94
5	Cholesterol	386	C27H46O	000057-88-5	78





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Quant Title : SVOA CALIBRATION

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

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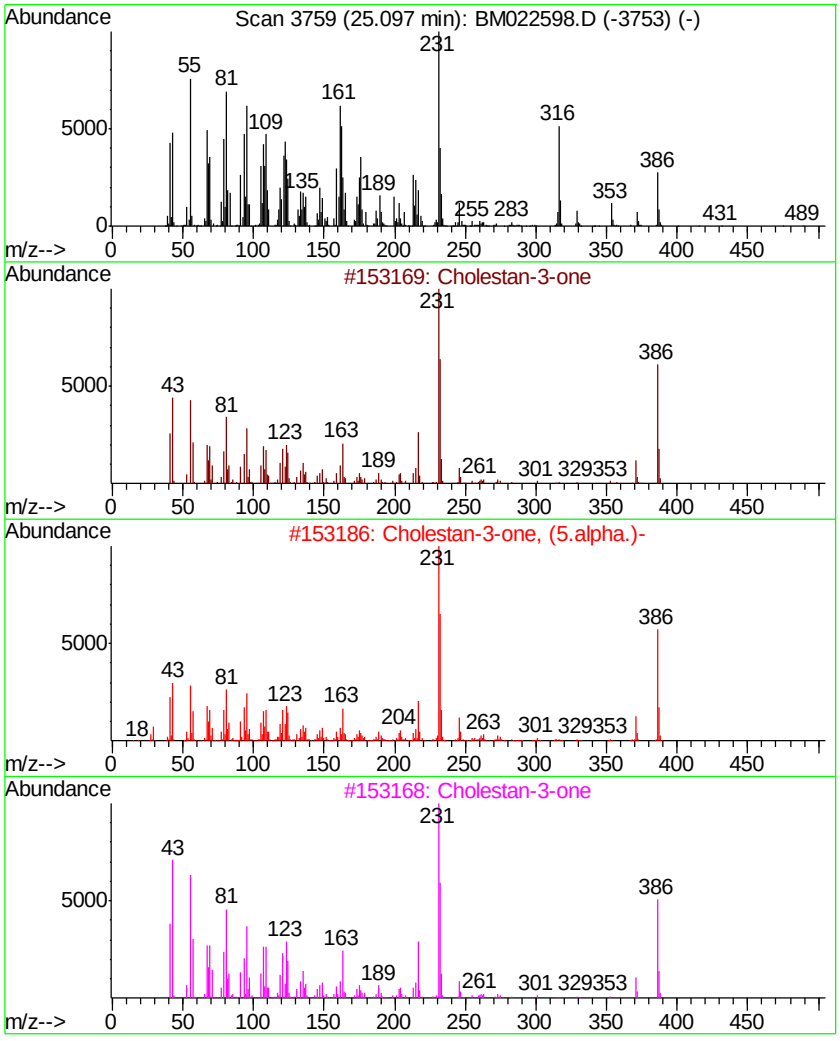
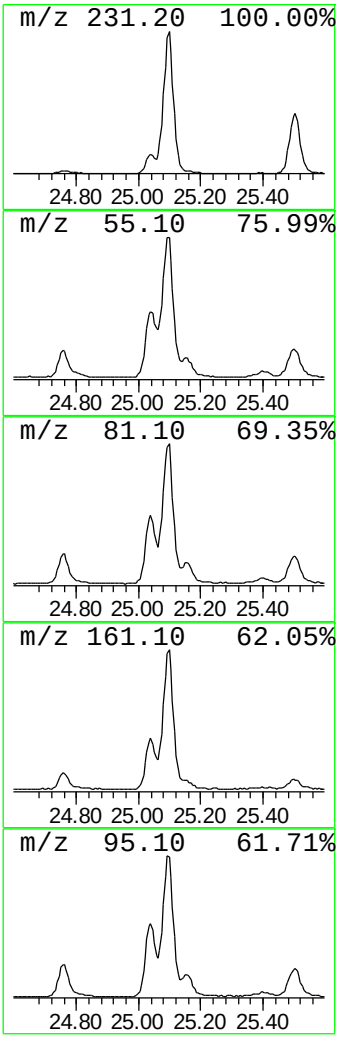
Peak Number 6 Cholestan-3-one, (5.alpha.)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	17.45 ng/ul	6541550	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	96
2	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	93
3	Cholestan-3-one	386	C27H46O	015600-08-5	93
4	Cholestane, 14-methyl-	386	C28H50	052474-84-7	64
5	Cholesterol	386	C27H46O	000057-88-5	53





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Data File : BM022598.D
Acq On : 09 Sep 2019 11:11
Operator : HP/JU
Sample : K4706-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF574

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

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

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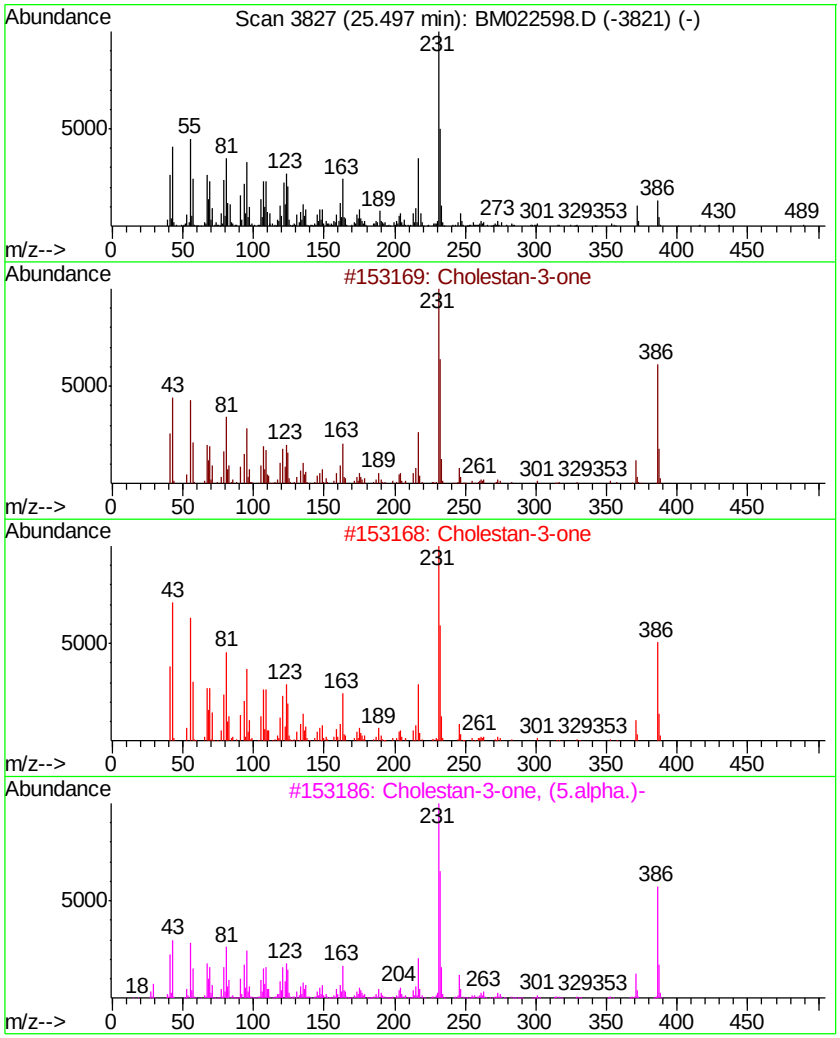
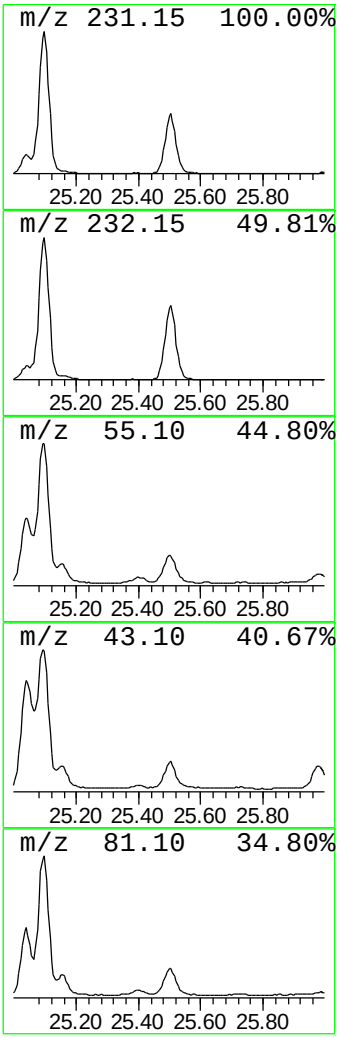
Peak Number 7 Cholestan-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.50	4.41 ng/ul	1652400	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	99
2	Cholestan-3-one	386	C27H46O	015600-08-5	99
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	97
4	Cholestan-3-one	386	C27H46O	015600-08-5	96
5	Cholestan-2-one	386	C27H46O	1000210-43-4	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090819\
Data File : BM022598.D
Acq On : 09 Sep 2019 11:11
Operator : HP/JU
Sample : K4706-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF574

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.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
Butane, 2-methoxy...	3.04	45.4	ng/ul	4760930	1	7.85	2097380	20.0
n-Hexadecanoic acid	18.12	2.7	ng/ul	764967	4	17.22	5655310	20.0
1-Nonadecanol	21.12	2.9	ng/ul	1020860	5	21.40	6997500	20.0
Cholestan-3-ol, (...	24.76	4.8	ng/ul	1786200	6	23.69	7498000	20.0
17-(1,5-Dimethylh...	25.04	12.7	ng/ul	4751750	6	23.69	7498000	20.0
Cholestan-3-one, ...	25.10	17.4	ng/ul	6541550	6	23.69	7498000	20.0
Cholestan-3-one	25.50	4.4	ng/ul	1652400	6	23.69	7498000	20.0