LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001894.D
Acq On : 20 Jun 2018 19:44
Operator : JU/SJ
Sample : J3568-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXR6

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_N\METHODS\SOM-EPA-BN061918.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	3.028	3	7	28	rVB	4866543	6639406	100.00%	5.842%
2	3.270	45	48	56	rVB	83514	114860	1.73%	0.101%
3	3.899	150	155	161	rVV	47973	75774	1.14%	0.067%
4	3.987	165	170	179	rVB	106672	150157	2.26%	0.132%
5	4.875	316	321	325	rBV2	29096	47856	0.72%	0.042%
6	4.969	332	337	342	rBV	31862	52185	0.79%	0.046%
7	5.399	404	410	417	rVV	55035	100409	1.51%	0.088%
8	5.764	466	472	477	rVV2	78611	128467	1.93%	0.113%
9	5.828	480	483	490	rVB	28867	44300	0.67%	0.039%
10	6.234	545	552	558	rBV9	18336	46064	0.69%	0.041%
11	6.381	572	577	579	rVV5	25812	47162	0.71%	0.042%
12	6.411	579	582	589	rVB	31662	45956	0.69%	0.040%
13	6.716	628	634	641	rBV5	26287	58427	0.88%	0.051%
14	6.887	656	663	673	rBV	1551477	2667626	40.18%	2.347%
15	7.058	685	692	698	rBV	1203277	1866351	28.11%	1.642%
16	7.111	698	701	706	rVB3	27745	43505	0.66%	0.038%
17	7.252	717	725	737	rVV	1519813	2444324	36.82%	2.151%
18	7.363	737	744	750	rVB3	65213	143897	2.17%	0.127%
19	7.716	795	804	812	rBV	2008371	3213207	48.40%	2.828%
20	7.828	819	823	831	rVB2	31383	53915	0.81%	0.047%
21	8.410	915	922	933	rVV	1829693	3012883	45.38%	2.651%
22	8.858	991	998	1009	rVB	1393170	2311527	34.82%	2.034%
23	8.946	1009	1013	1016	rBV2	42264	63967	0.96%	0.056%
24	9.028	1024	1027	1040	rVB8	18070	45388	0.68%	0.040%
25	9.305	1068	1074	1082	rBV4	23664	52269	0.79%	0.046%
26	9.575	1112	1120	1129	rBV	1133870	1855254	27.94%	1.633%
27	10.110	1203	1211	1221	rBV	1891381	3129989	47.14%	2.754%
28	10.487	1267	1275	1281	rBV	2804556	4825062	72.67%	4.246%
29	10.540	1281	1284	1290	rVB	133423	200015	3.01%	0.176%
30	10.622	1290	1298	1305	rBV	1528866	2637000	39.72%	2.320%
31	11.534	1447	1453	1460	rBV	56656	95603	1.44%	0.084%
32	11.928	1513	1520	1525	rBV2	59866	99131	1.49%	0.087%
33	12.081	1539	1546	1550	rBV	40021	71238	1.07%	0.063%
34	12.151	1552	1558	1566	rVB	228308	375841	5.66%	0.331%

LSC Area Percent Report

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Acq On : 20 Jun 2018 19:44
Operator : JU/SJ
Sample : J3568-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXR6

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_N\METHODS\SOM-EPA-BN061918.M
Title : SVOA CALIBRATION

35	12.375	1590	1596	1604	rVV	165152	267052	4.02%	0.235%
36	12.893	1679	1684	1689	rVV	51588	80016	1.21%	0.070%
37	13.181	1726	1733	1740	rBV2	112231	174137	2.62%	0.153%
38	13.369	1760	1765	1775	rVB2	28726	73460	1.11%	0.065%
39	13.504	1783	1788	1789	rBV	63321	84774	1.28%	0.075%
40	13.663	1809	1815	1820	rVV2	117262	195963	2.95%	0.172%
41	13.716	1820	1824	1826	rBV	108098	156798	2.36%	0.138%
42	13.757	1826	1831	1835	rVV	3009675	4250004	64.01%	3.740%
43	13.804	1835	1839	1844	rVV	1615616	2199769	33.13%	1.936%
44	13.845	1844	1846	1850	rVB	113009	131616	1.98%	0.116%
45	13.898	1850	1855	1859	rBV2	96786	163119	2.46%	0.144%
46	14.034	1870	1878	1893	rVB	3663790	5508869	82.97%	4.848%
47	14.263	1912	1917	1922	rBV	211326	273623	4.12%	0.241%
48	14.345	1922	1931	1938	rBV2	3856517	5912720	89.05%	5.203%
49	14.540	1957	1964	1974	rBV	1128546	1736842	26.16%	1.528%
50	14.745	1995	1999	2002	rBV2	63277	107194	1.61%	0.094%
51	14.822	2007	2012	2018	rVB2	61549	93081	1.40%	0.082%
52	14.887	2018	2023	2030	rBV4	78192	118880	1.79%	0.105%
53	14.957	2031	2035	2042	rBV4	51517	108654	1.64%	0.096%
54	15.016	2042	2045	2050	rVB	44253	59281	0.89%	0.052%
55	15.140	2058	2066	2068	rBV4	65784	123771	1.86%	0.109%
56	15.163	2068	2070	2075	rVB3	76274	106115	1.60%	0.093%
57	15.216	2075	2079	2084	rVB	282893	355924	5.36%	0.313%
58	15.340	2093	2100	2105	rVV	4433506	6390735	96.25%	5.624%
59	15.381	2105	2107	2113	rVB	118179	155798	2.35%	0.137%
60	15.451	2113	2119	2128	rBV	1027891	1460214	21.99%	1.285%
61	15.581	2137	2141	2143	rBV2	45199	51045	0.77%	0.045%
62	15.628	2143	2149	2153	rVB2	105450	180952	2.73%	0.159%
63	15.692	2153	2160	2163	rBV	65863	112812	1.70%	0.099%
64	15.775	2170	2174	2178	rBV4	46001	62951	0.95%	0.055%
65	15.839	2179	2185	2193	rVB4	90638	189043	2.85%	0.166%
66	15.922	2193	2199	2207	rBV4	34848	79004	1.19%	0.070%
67	16.081	2221	2226	2228	rBV	313566	434777	6.55%	0.383%
68	16.104	2228	2230	2238	rVB	384926	526589	7.93%	0.463%
69	16.251	2251	2255	2259	rVB5	42777	57095	0.86%	0.050%
70	16.498	2292	2297	2301	rBV4	43770	81350	1.23%	0.072%
71	16.639	2316	2321	2331	rVB6	65598	179422	2.70%	0.158%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3568-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXR6

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Title : SVOA CALIBRATION

72	16.828	2349	2353	2357	rBV3	36936	60523	0.91%	0.053%
73	16.875	2357	2361	2365	rVV	225840	293216	4.42%	0.258%
74	16.928	2366	2370	2380	rVB2	78138	133286	2.01%	0.117%
75	17.087	2391	2397	2403	rBV2	4133043	6034160	90.88%	5.310%
76	17.128	2403	2404	2408	rVV	131570	123701	1.86%	0.109%
77	17.186	2408	2414	2426	rVB2	4371902	6229391	93.82%	5.482%
78	17.398	2446	2450	2454	rBV4	33424	56807	0.86%	0.050%
79	17.610	2482	2486	2494	rVB	162437	205517	3.10%	0.181%
80	17.969	2543	2547	2548	rBV3	34352	45183	0.68%	0.040%
81	18.004	2548	2553	2560	rVV2	635622	971524	14.63%	0.855%
82	18.151	2575	2578	2582	rVV	45297	64281	0.97%	0.057%
83	18.198	2583	2586	2592	rVB2	67836	97680	1.47%	0.086%
84	18.304	2600	2604	2608	rBV	147471	202879	3.06%	0.179%
85	18.863	2696	2699	2701	rBV3	37251	50313	0.76%	0.044%
86	18.945	2709	2713	2716	rVB	142730	173385	2.61%	0.153%
87	19.292	2767	2772	2779	rBV	314789	495515	7.46%	0.436%
88	19.486	2799	2805	2810	rBV	4548103	6407294	96.50%	5.638%
89	19.563	2815	2818	2821	rVB2	80593	84287	1.27%	0.074%
90	20.063	2900	2903	2910	rVB	136414	158891	2.39%	0.140%
91	20.563	2986	2988	2991	rVB	142992	132004	1.99%	0.116%
92	21.022	3062	3066	3082	rBV2	775647	1385467	20.87%	1.219%
93	21.286	3106	3111	3116	rBV	4589455	5608059	84.47%	4.935%
94	21.469	3139	3142	3146	rBV	193596	215280	3.24%	0.189%
95	21.910	3214	3217	3228	rVB3	230987	520985	7.85%	0.458%
96	23.380	3460	3467	3475	rBV	3312511	5847594	88.07%	5.146%
97	23.521	3484	3491	3501	rVB	3007650	5648823	85.08%	4.971%
98	24.180	3598	3603	3613	rVB2	493014	1012516	15.25%	0.891%
99	25.727	3862	3866	3881	rVB4	396630	1147220	17.28%	1.010%
100	26.586	4007	4012	4024	rVB3	427507	1232432	18.56%	1.084%

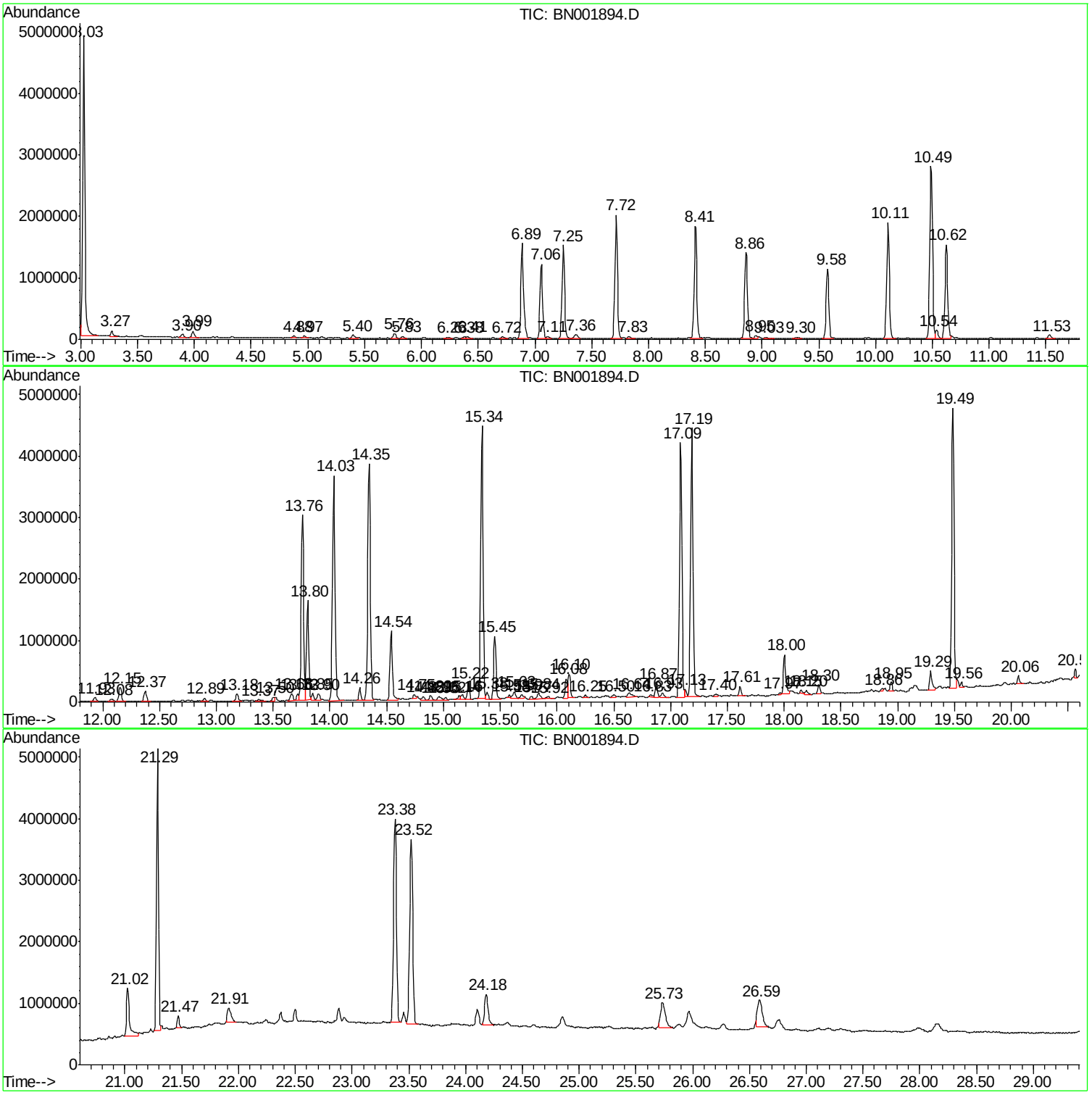
Sum of corrected areas: 113640677

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001894.D
Acq On : 20 Jun 2018 19:44
Operator : JU/SJ
Sample : J3568-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAXR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.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 N\DATA\BN062018\
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Acq On : 20 Jun 2018 19:44
Operator : JU/SJ
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Misc :
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Instrument : BNA_N
ClientSampleId : DAXR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

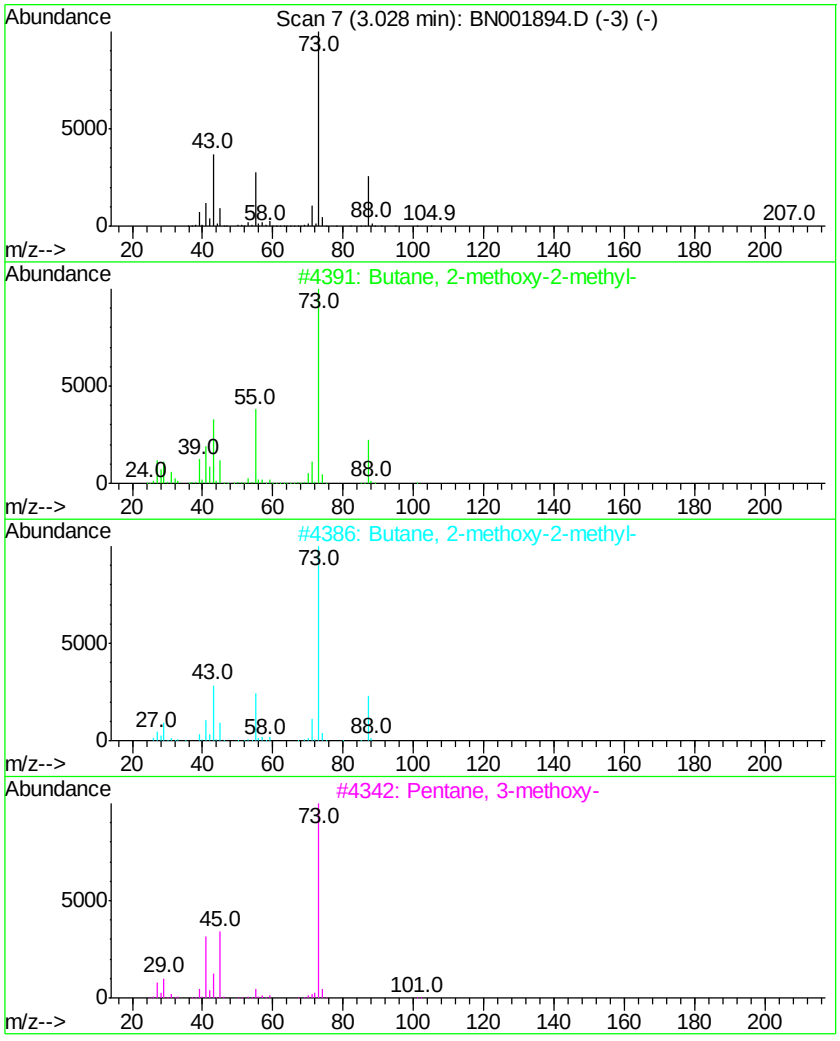
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

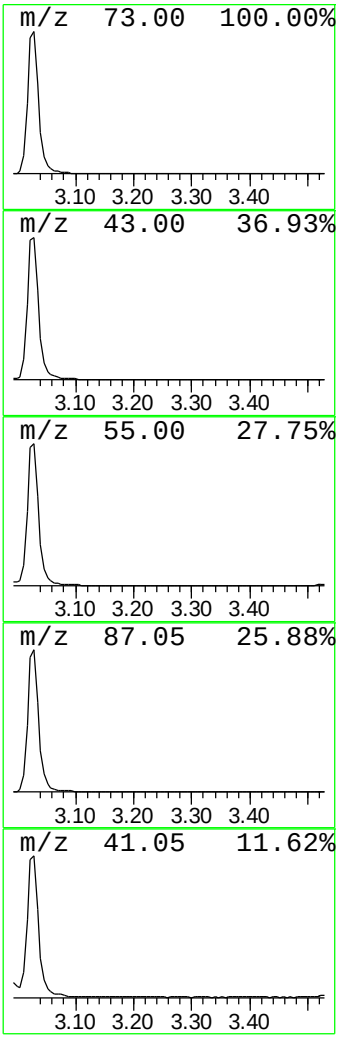
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	41.33 ng/ul	6639410	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001894.D
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Operator : JU/SJ
Sample : J3568-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

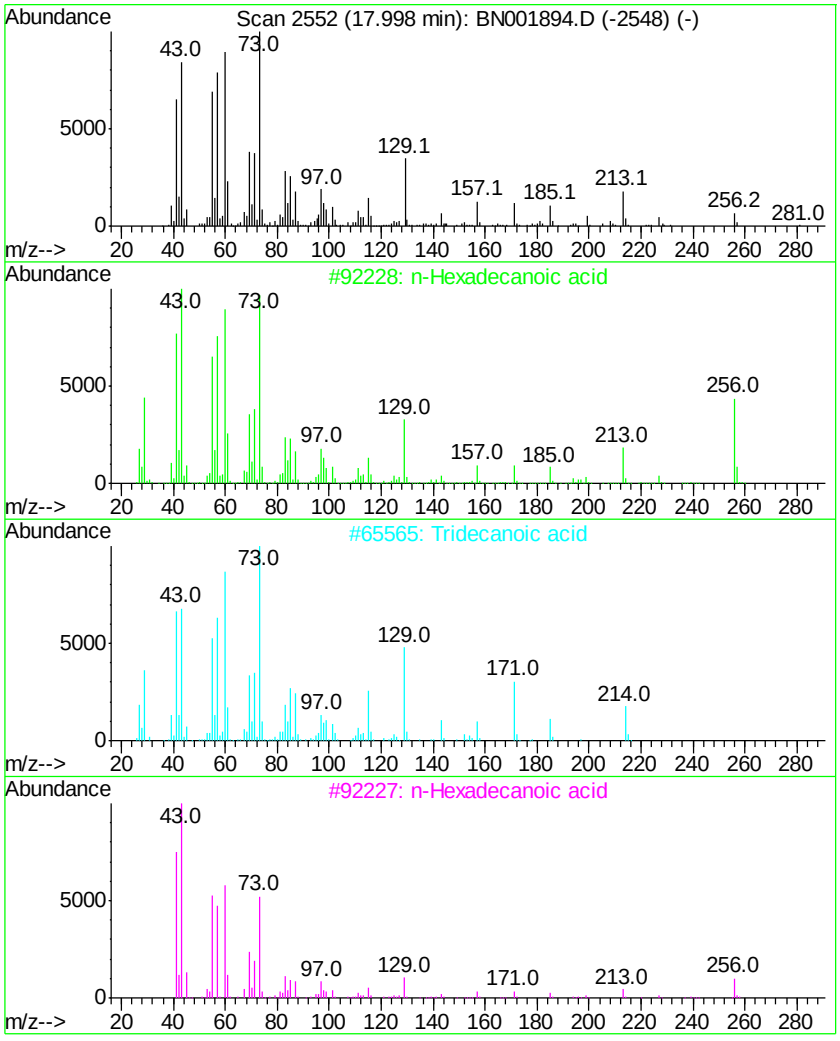
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

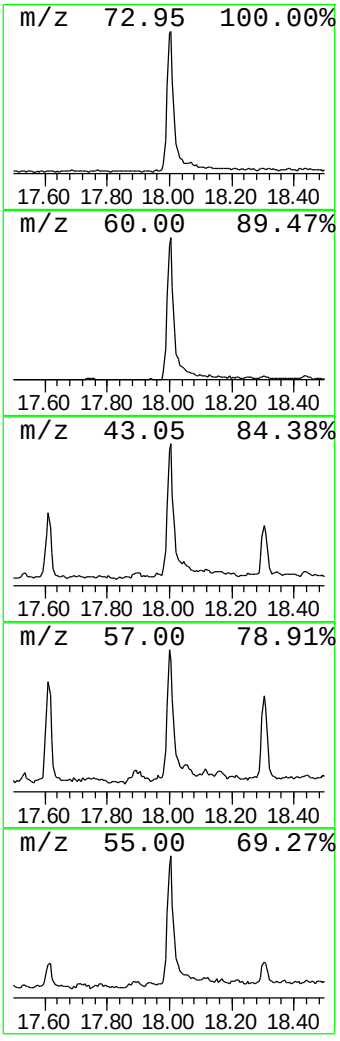
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.22 ng/ul	971524	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : DAXR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

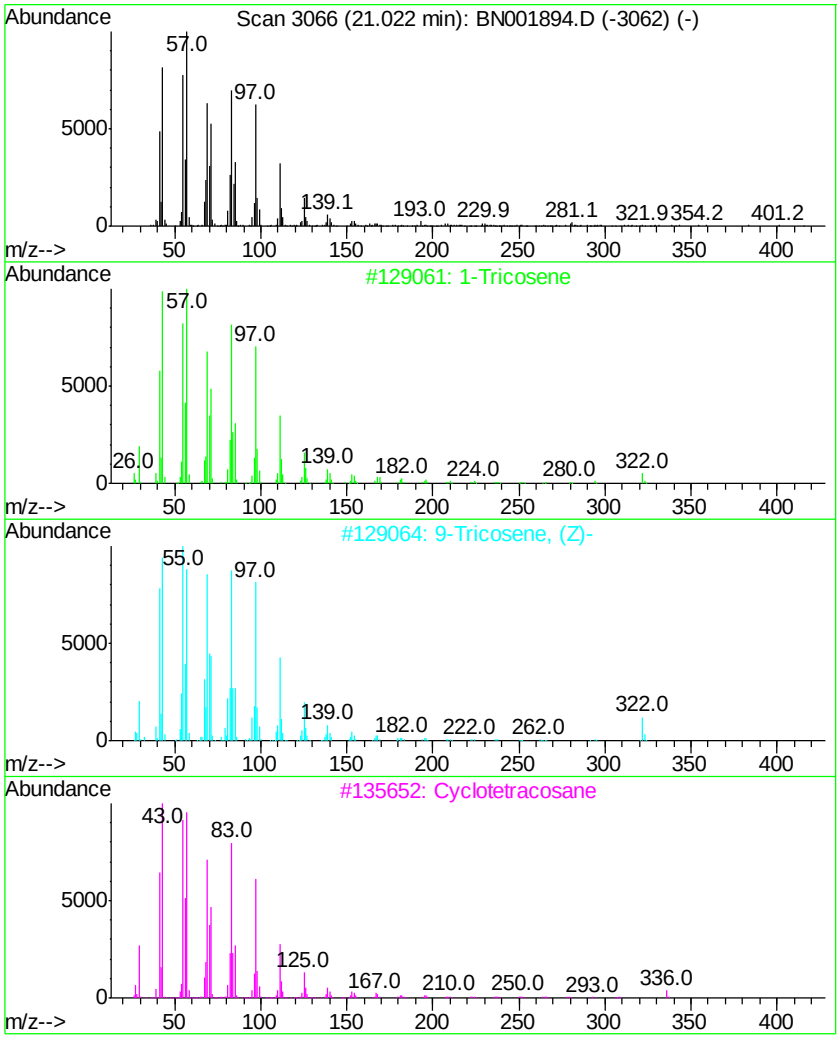
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

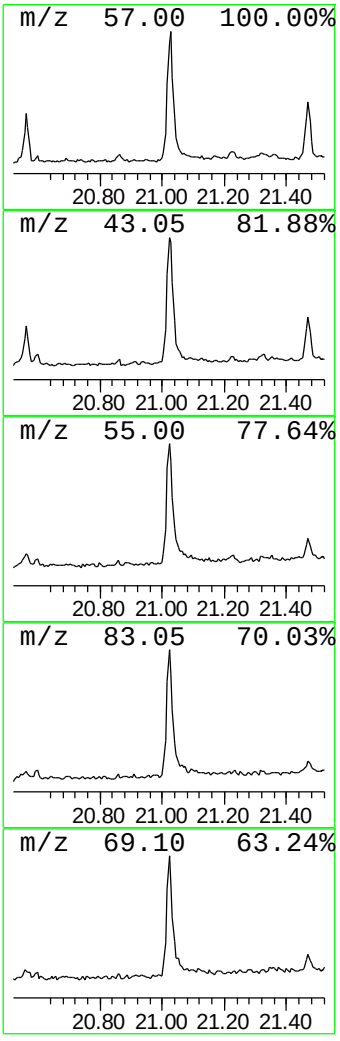
****

Peak Number 3 (DEL) Alkane: Cyclic21.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	4.94 ng/ul	1385470	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Cyclooctacosane	392	C28H56	000297-24-5	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

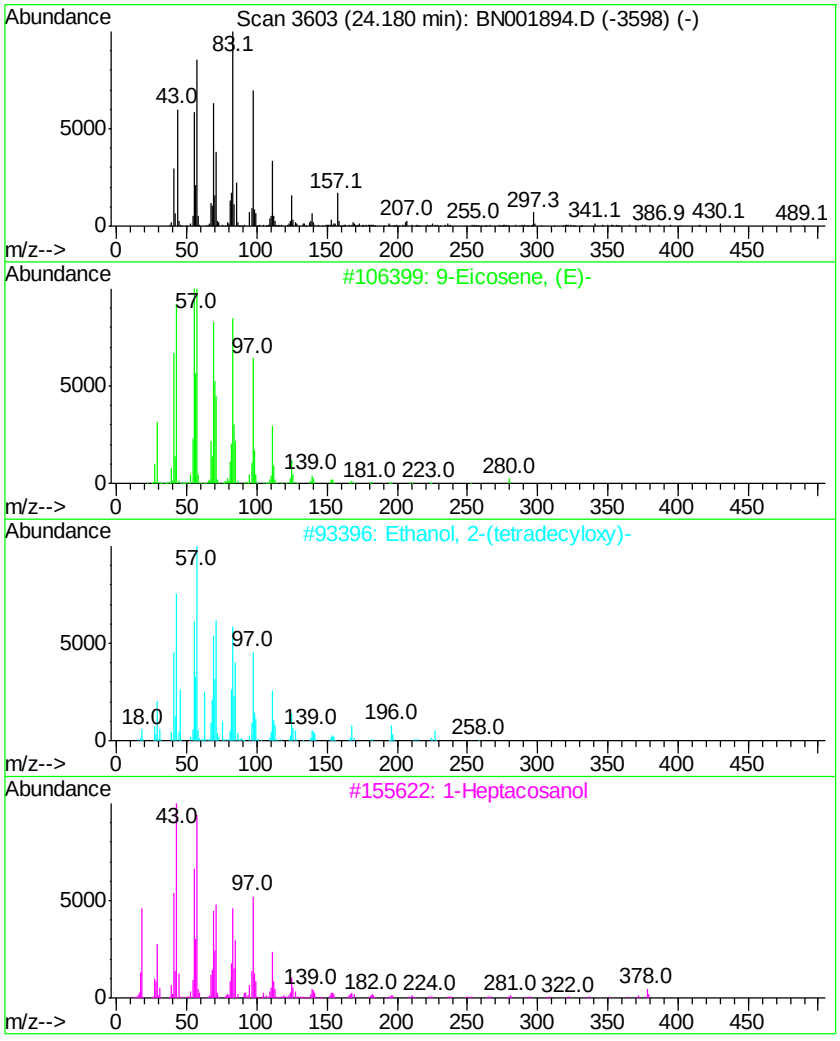
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

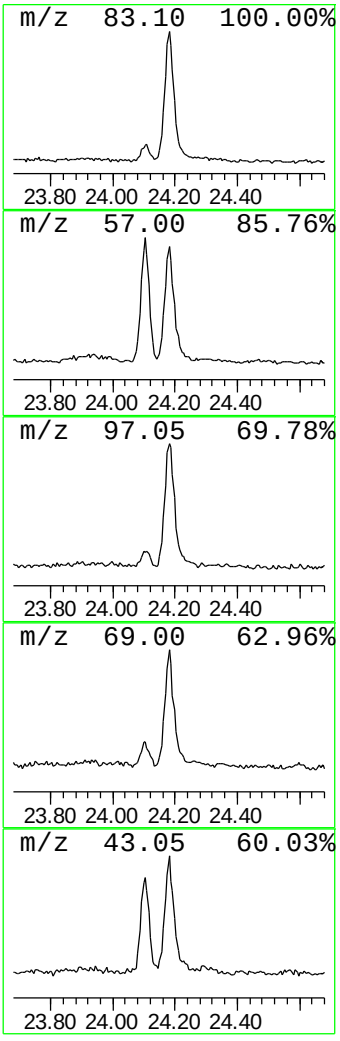
****

Peak Number 4 (DEL) Alkane: Cyclic24.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	3.58 ng/ul	1012520	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	64
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	50
3	1-Heptacosanol	396	C27H56O	002004-39-9	43
4	Triallylmethylsilane	166	C10H18Si	001112-91-0	38
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38





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Operator : JU/SJ
Sample : J3568-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

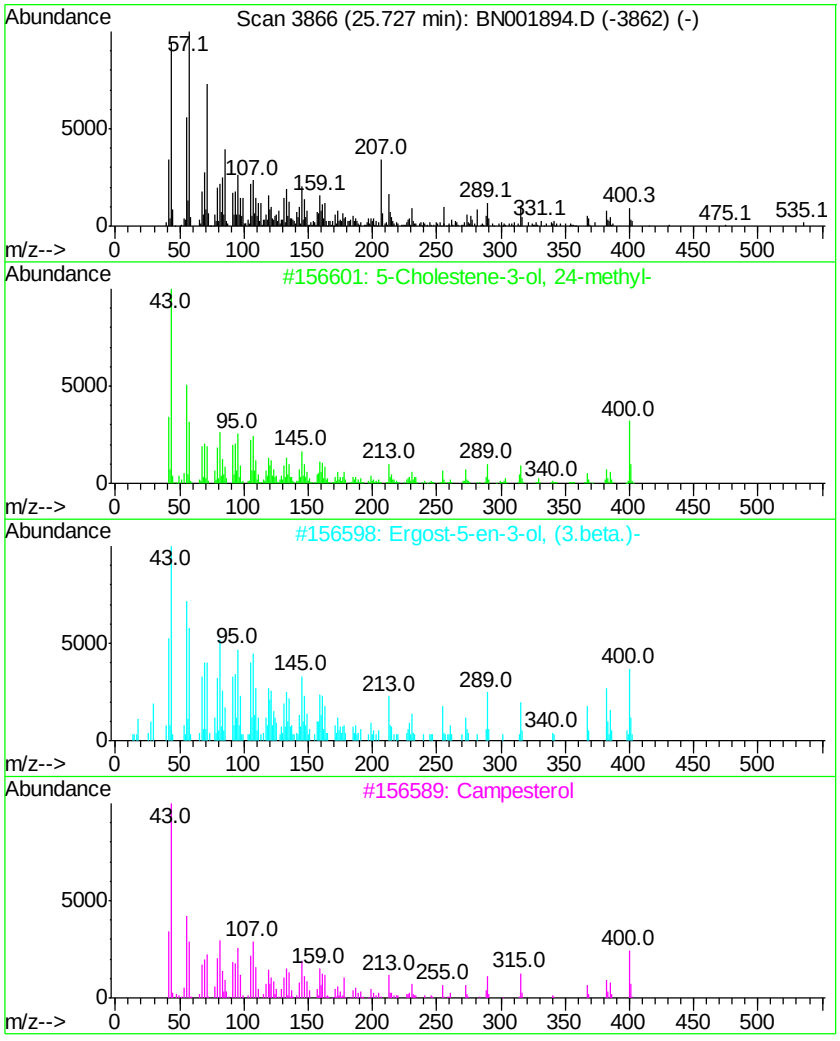
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

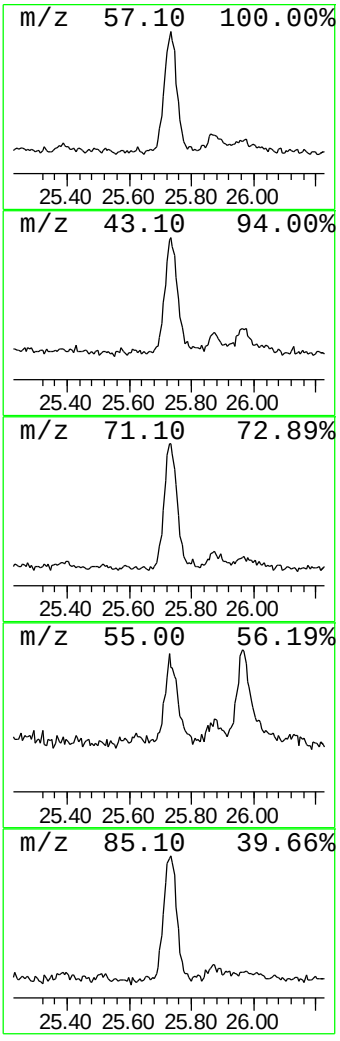
****

Peak Number 5 5-Cholestene-3-ol, 24-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.73	4.06 ng/ul	1147220	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	95
2	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	95
3	Campesterol	400	C28H48O	000474-62-4	91
4	Campesterol	400	C28H48O	000474-62-4	86
5	26-Hydroxycholesterol	402	C27H46O2	013095-61-9	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001894.D
Acq On : 20 Jun 2018 19:44
Operator : JU/SJ
Sample : J3568-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

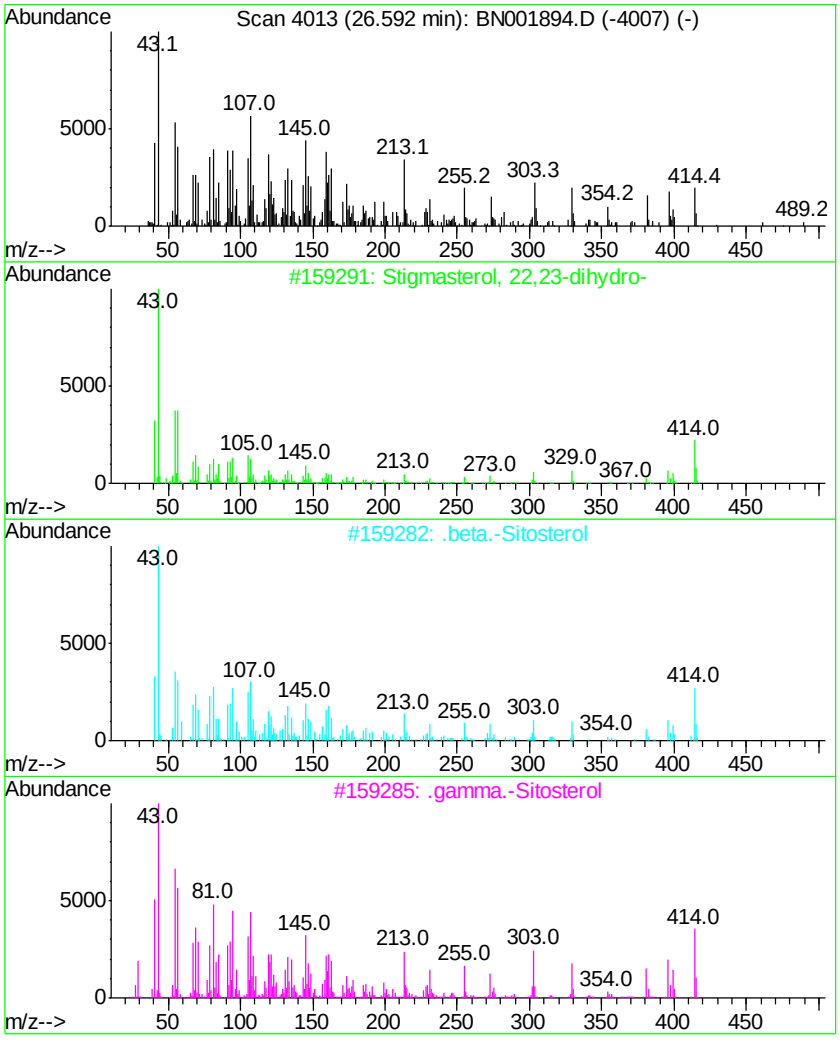
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

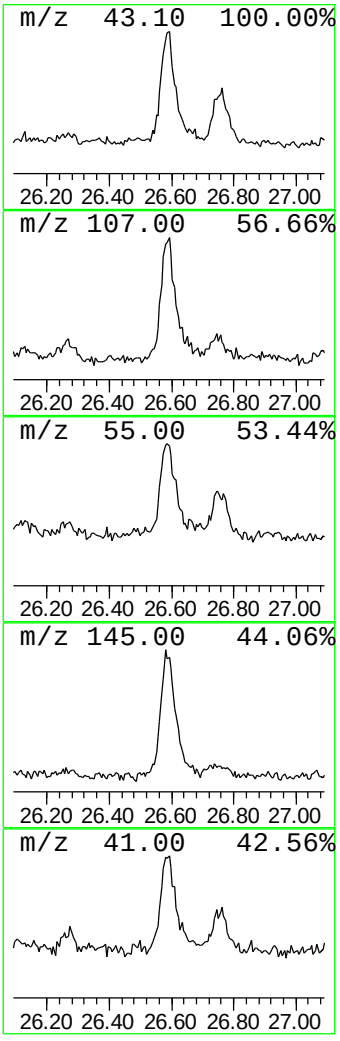
****

Peak Number 6 Stigmasterol, 22,23-dihydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.59	4.36 ng/ul	1232430	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062018\
Data File : BN001894.D
Acq On : 20 Jun 2018 19:44
Operator : JU/SJ
Sample : J3568-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.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...	3.03	41.3	ng/ul	6639410	1	7.72	3213210	20.0
n-Hexadecanoic acid	18.00	3.2	ng/ul	971524	4	17.09	6034160	20.0
(DEL) Alkane: Cyc...	21.02	4.9	ng/ul	1385470	5	21.29	5608060	20.0
(DEL) Alkane: Cyc...	24.18	3.6	ng/ul	1012520	6	23.52	5648820	20.0
5-Cholestene-3-ol...	25.73	4.1	ng/ul	1147220	6	23.52	5648820	20.0
Stigmasterol, 22,...	26.59	4.4	ng/ul	1232430	6	23.52	5648820	20.0