LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001900.D
Acq On : 20 Jun 2018 23:16
Operator : JU/SJ
Sample : J3527-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXT0

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	3.022	3	6	30	rVB	1976151	2843059	18.25%	1.686%
2	3.269	44	48	64	rVB	197599	291013	1.87%	0.173%
3	3.893	150	154	159	rVB3	16075	27634	0.18%	0.016%
4	4.193	201	205	212	rVB2	34345	50449	0.32%	0.030%
5	4.593	269	273	279	rVB3	16438	27239	0.17%	0.016%
6	4.875	316	321	330	rBV	132551	200234	1.29%	0.119%
7	5.828	476	483	494	rVB	35343	62073	0.40%	0.037%
8	5.952	500	504	512	rVB6	10766	23463	0.15%	0.014%
9	6.381	573	577	584	rVB6	8993	17649	0.11%	0.010%
10	6.705	626	632	636	rBV5	10897	19511	0.13%	0.012%
11	6.887	656	663	676	rBV2	712210	1335863	8.58%	0.792%
12	7.052	684	691	711	rBV	2244136	3477541	22.32%	2.062%
13	7.252	717	725	734	rBV	2322078	3763976	24.16%	2.232%
14	7.352	738	742	748	rVB7	7636	16654	0.11%	0.010%
15	7.716	796	804	812	rBV	2233613	3666703	23.54%	2.174%
16	8.410	909	922	933	rBV	1906722	3117954	20.02%	1.849%
17	8.857	990	998	1007	rBV	2779744	4549094	29.20%	2.698%
18	8.969	1014	1017	1022	rVB6	12099	19785	0.13%	0.012%
19	9.028	1022	1027	1036	rBV5	14052	25717	0.17%	0.015%
20	9.304	1070	1074	1079	rVB	18695	28193	0.18%	0.017%
21	9.575	1112	1120	1132	rBV	2255714	3712617	23.83%	2.202%
22	9.710	1139	1143	1152	rVB9	12453	33636	0.22%	0.020%
23	10.110	1203	1211	1227	rBV	3541401	5930494	38.07%	3.517%
24	10.281	1236	1240	1245	rBV5	13047	20809	0.13%	0.012%
25	10.487	1267	1275	1287	rBV	3417735	5783368	37.13%	3.429%
26	10.622	1290	1298	1305	rVV	97731	179273	1.15%	0.106%
27	11.128	1381	1384	1390	rVB5	11291	19365	0.12%	0.011%
28	11.410	1422	1432	1437	rBV8	13278	42157	0.27%	0.025%
29	11.804	1493	1499	1510	rBV	288549	468868	3.01%	0.278%
30	11.916	1512	1518	1523	rVB8	10709	24908	0.16%	0.015%
31	11.981	1523	1529	1533	rBV6	11592	25362	0.16%	0.015%
32	12.075	1539	1545	1551	rVB2	79246	124718	0.80%	0.074%
33	12.704	1647	1652	1658	rVB4	15491	24787	0.16%	0.015%
34	12.957	1690	1695	1700	rBV4	18566	33173	0.21%	0.020%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001900.D
Acq On : 20 Jun 2018 23:16
Operator : JU/SJ
Sample : J3527-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXT0

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	13.187	1729	1734	1737	rVB5	13811	21999	0.14%	0.013%
36	13.251	1740	1745	1750	rVV3	40849	65838	0.42%	0.039%
37	13.304	1750	1754	1759	rBV4	10480	17738	0.11%	0.011%
38	13.757	1824	1831	1835	rBV	6680482	9042564	58.05%	5.362%
39	13.804	1835	1839	1845	rVB	1323662	1787470	11.47%	1.060%
40	13.887	1851	1853	1860	rVB7	19765	33296	0.21%	0.020%
41	14.034	1869	1878	1892	rBV	7265280	11177936	71.76%	6.628%
42	14.263	1912	1917	1921	rVB	73700	93513	0.60%	0.055%
43	14.345	1923	1931	1939	rBV2	5124593	7848820	50.39%	4.654%
44	14.539	1957	1964	1974	rBV	671056	1053349	6.76%	0.625%
45	14.692	1986	1990	1996	rBV9	19086	37125	0.24%	0.022%
46	14.769	2000	2003	2008	rVB5	26450	34263	0.22%	0.020%
47	14.822	2008	2012	2017	rVB8	21136	31050	0.20%	0.018%
48	14.881	2019	2022	2027	rVB6	20434	31697	0.20%	0.019%
49	14.992	2039	2041	2047	rVB7	20146	28635	0.18%	0.017%
50	15.175	2067	2072	2075	rBV3	42428	56089	0.36%	0.033%
51	15.216	2075	2079	2084	rVB	68967	79685	0.51%	0.047%
52	15.339	2093	2100	2109	rBV	9215958	13597481	87.29%	8.063%
53	15.451	2113	2119	2135	rBV	2901738	4111375	26.39%	2.438%
54	15.581	2136	2141	2146	rBV	114709	171606	1.10%	0.102%
55	15.704	2157	2162	2168	rBV	1333787	1844214	11.84%	1.094%
56	16.022	2214	2216	2221	rVB6	27399	34485	0.22%	0.020%
57	16.081	2221	2226	2230	rBV	150237	198820	1.28%	0.118%
58	16.351	2269	2272	2274	rBV3	26215	35207	0.23%	0.021%
59	16.504	2294	2298	2304	rBV6	47884	85068	0.55%	0.050%
60	16.869	2358	2360	2367	rVB2	60405	93419	0.60%	0.055%
61	17.086	2390	2397	2404	rBV2	6353973	9319111	59.83%	5.526%
62	17.186	2404	2414	2425	rVB2	9709426	14752994	94.71%	8.748%
63	17.275	2425	2429	2434	rBV7	54441	87829	0.56%	0.052%
64	17.333	2436	2439	2444	rBV4	67817	95591	0.61%	0.057%
65	17.475	2459	2463	2471	rVB3	167355	229333	1.47%	0.136%
66	17.833	2521	2524	2527	rBV2	28323	33672	0.22%	0.020%
67	17.869	2527	2530	2538	rBV6	70255	122715	0.79%	0.073%
68	18.004	2548	2553	2568	rBV	2102897	3162102	20.30%	1.875%
69	18.310	2602	2605	2610	rVB3	57798	82759	0.53%	0.049%
70	18.657	2661	2664	2672	rVB4	86557	154905	0.99%	0.092%
71	19.033	2725	2728	2734	rBV3	66830	106780	0.69%	0.063%

LSC Area Percent Report

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Sample : J3527-18
Misc :
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Instrument : BNA_N
ClientSampleId : DAXT0

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

72	19.116	2738	2742	2748	rBV	144637	258971	1.66%	0.154%
73	19.292	2767	2772	2781	rBV	1262701	1914510	12.29%	1.135%
74	19.369	2783	2785	2794	rVB2	135780	266802	1.71%	0.158%
75	19.445	2795	2798	2799	rVV2	52181	54991	0.35%	0.033%
76	19.486	2799	2805	2811	rVB	11374243	15577271	100.00%	9.237%
77	20.039	2896	2899	2901	rBV2	76400	84488	0.54%	0.050%
78	21.021	3061	3066	3077	rBV	733032	1193659	7.66%	0.708%
79	21.286	3105	3111	3120	rBV	7487771	9333941	59.92%	5.535%
80	22.498	3313	3317	3322	rVB	607935	764290	4.91%	0.453%
81	23.380	3459	3467	3475	rBV	6390546	11764605	75.52%	6.976%
82	23.451	3476	3479	3483	rVV3	187682	290090	1.86%	0.172%
83	23.521	3484	3491	3502	rVB	3928876	7387930	47.43%	4.381%

Sum of corrected areas: 168639420

LSC Report - Integrated Chromatogram

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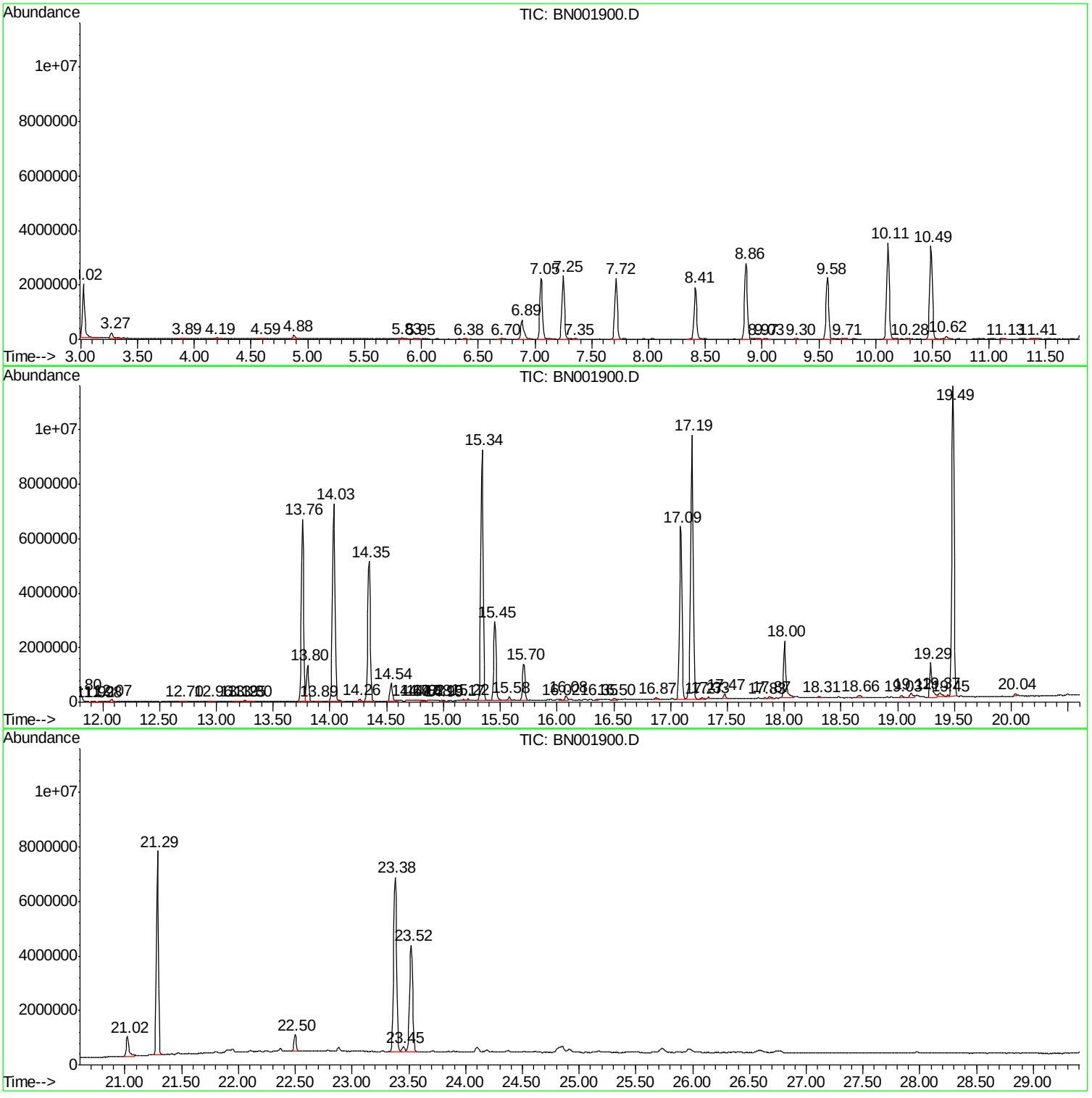
Operator : JU/SJ
Sample : J3527-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXT0

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001900.D
Acq On : 20 Jun 2018 23:16
Operator : JU/SJ
Sample : J3527-18
Misc :
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Instrument : BNA_N
ClientSampleId : DAXT0

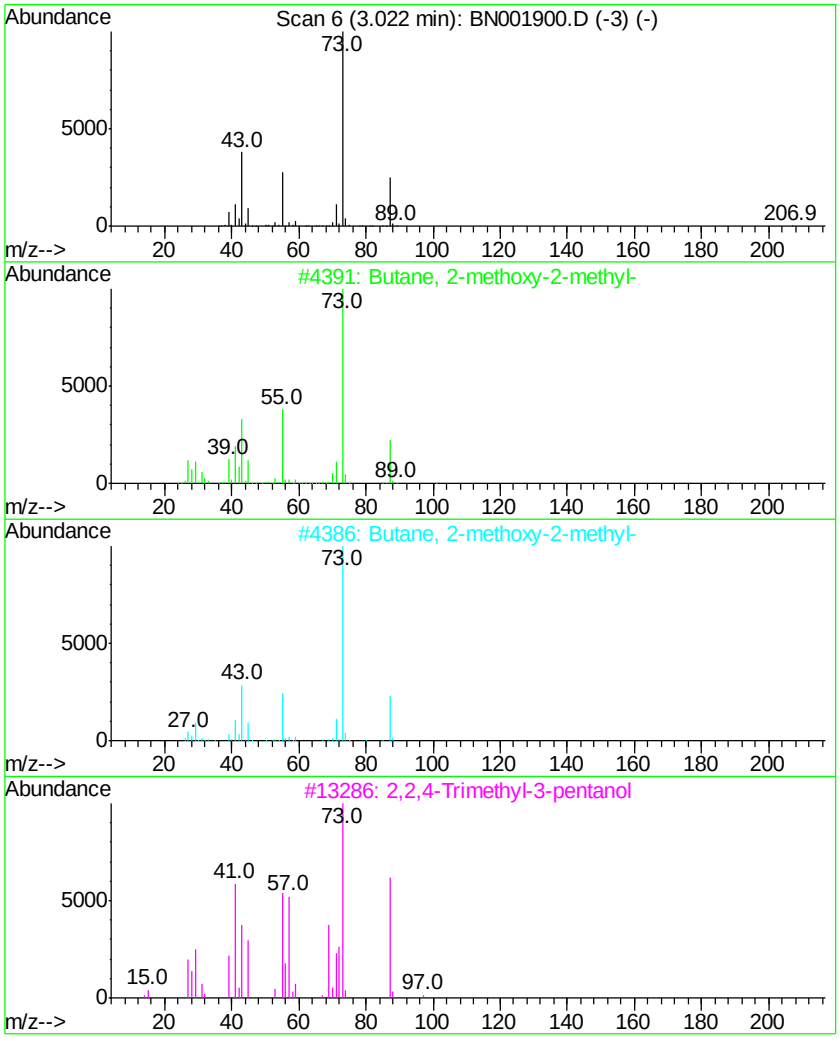
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

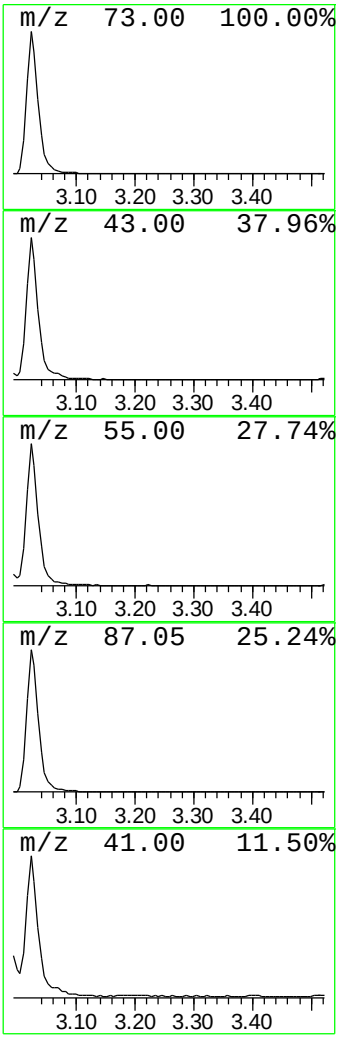
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	15.51 ng/ul	2843060	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
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Sample : J3527-18
Misc :
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Instrument : BNA_N
ClientSampleId : DAXT0

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

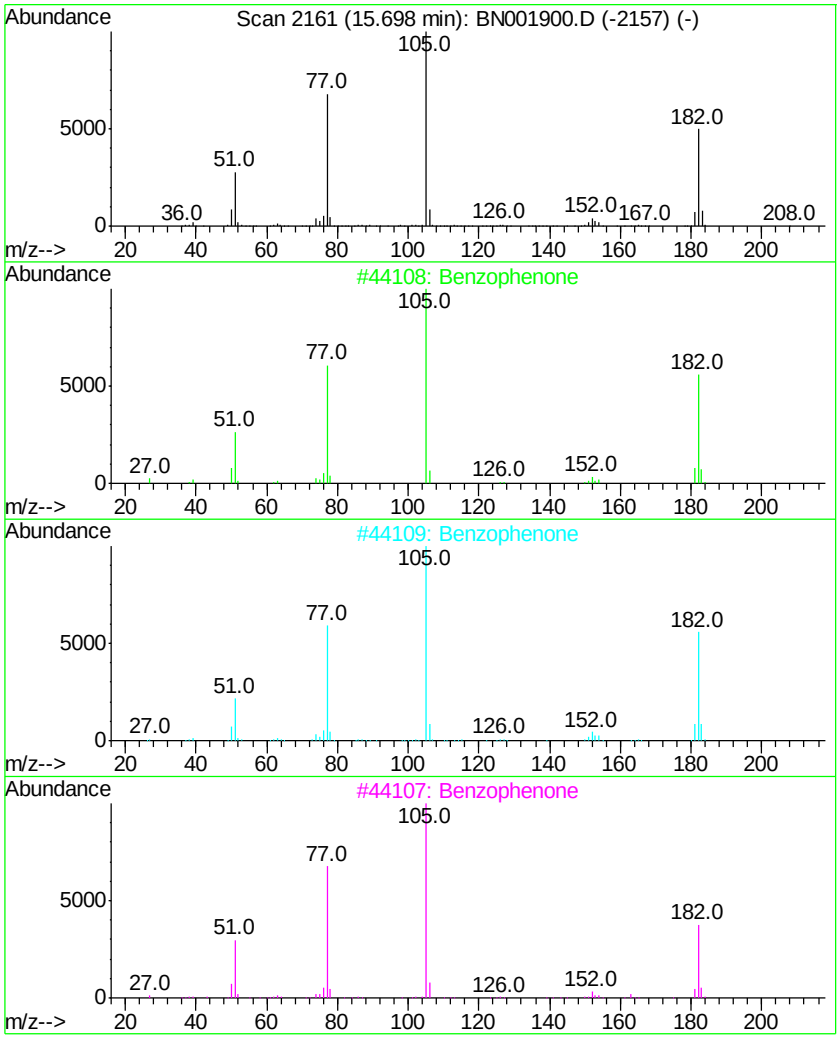
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

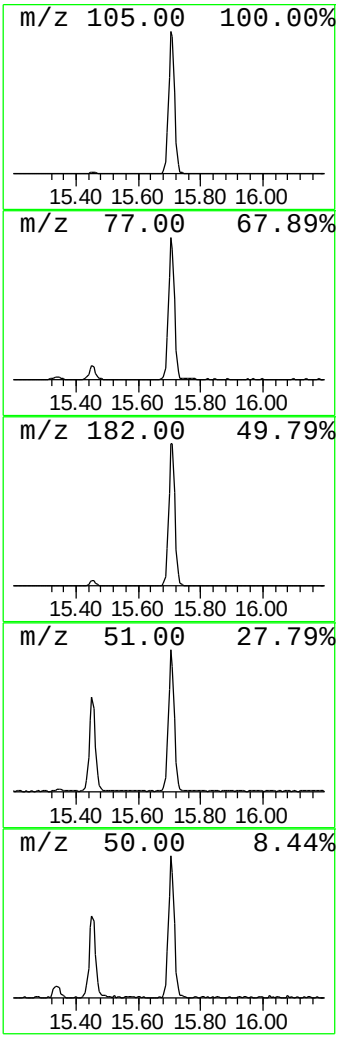
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	4.70 ng/ul	1844210	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	93





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Instrument : BNA_N
ClientSampleId : DAXT0

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

TIC Library : C:\DATABASE\NIST02.L
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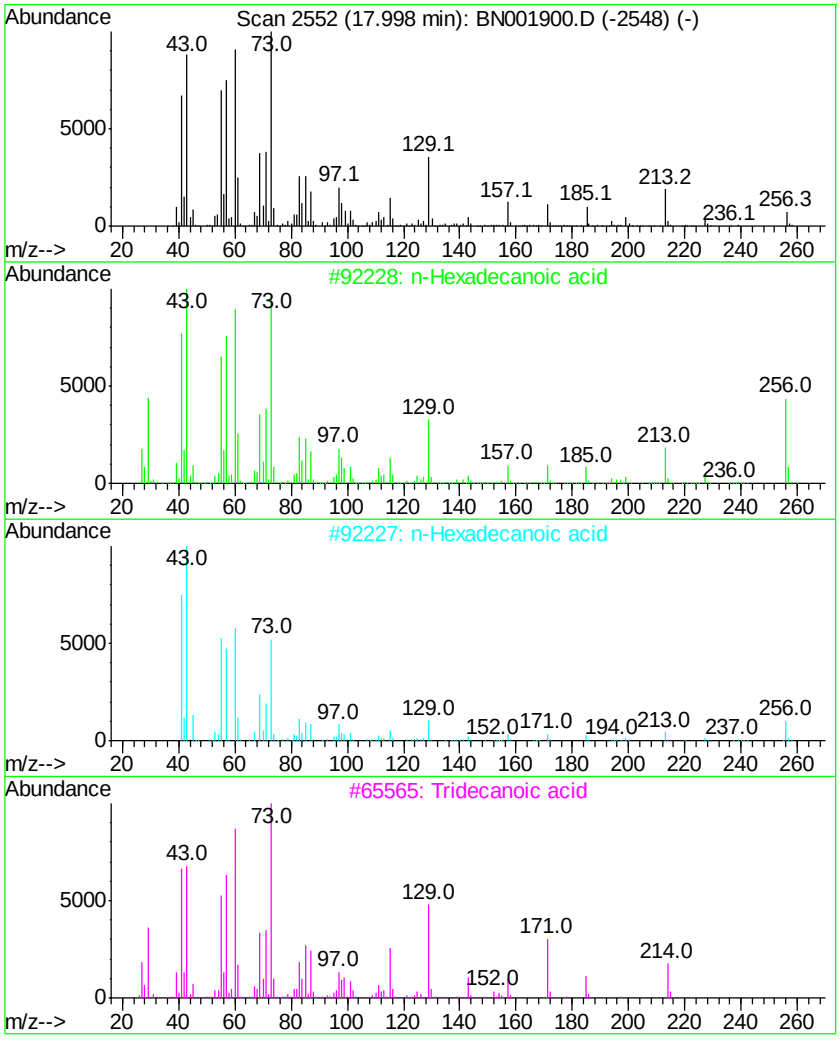
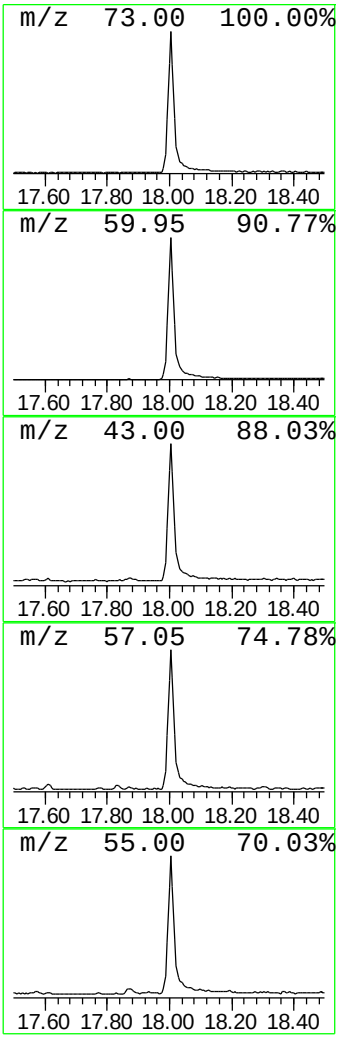
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	6.79 ng/ul	3162100	Phenanthrene-d10	17.09

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	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





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

TIC Library : C:\DATABASE\NIST02.L
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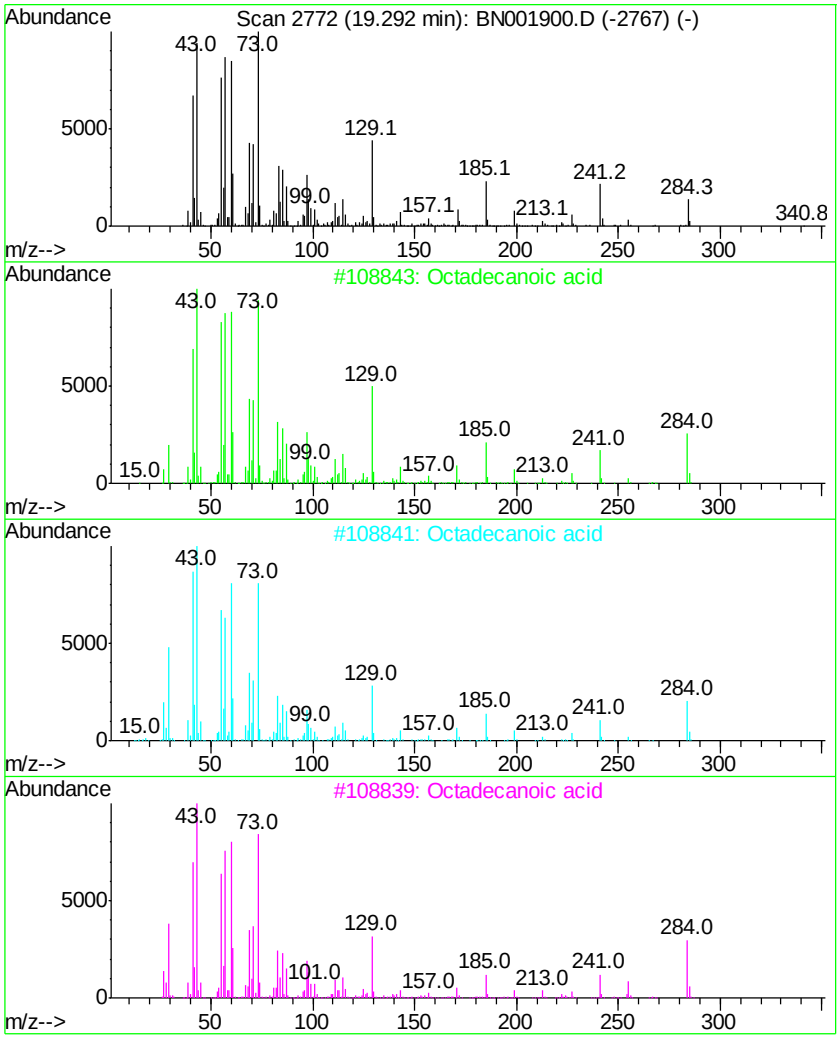
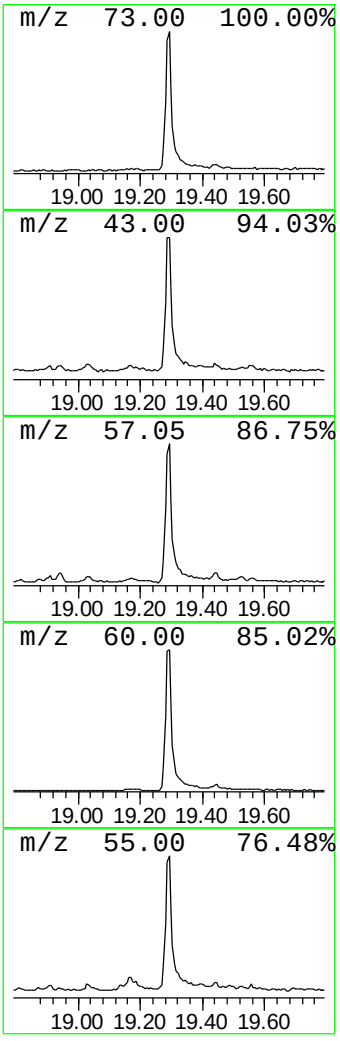
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	4.10 ng/ul	1914510	Chrysene-d12	21.29

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	98
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	89





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : DAXT0

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

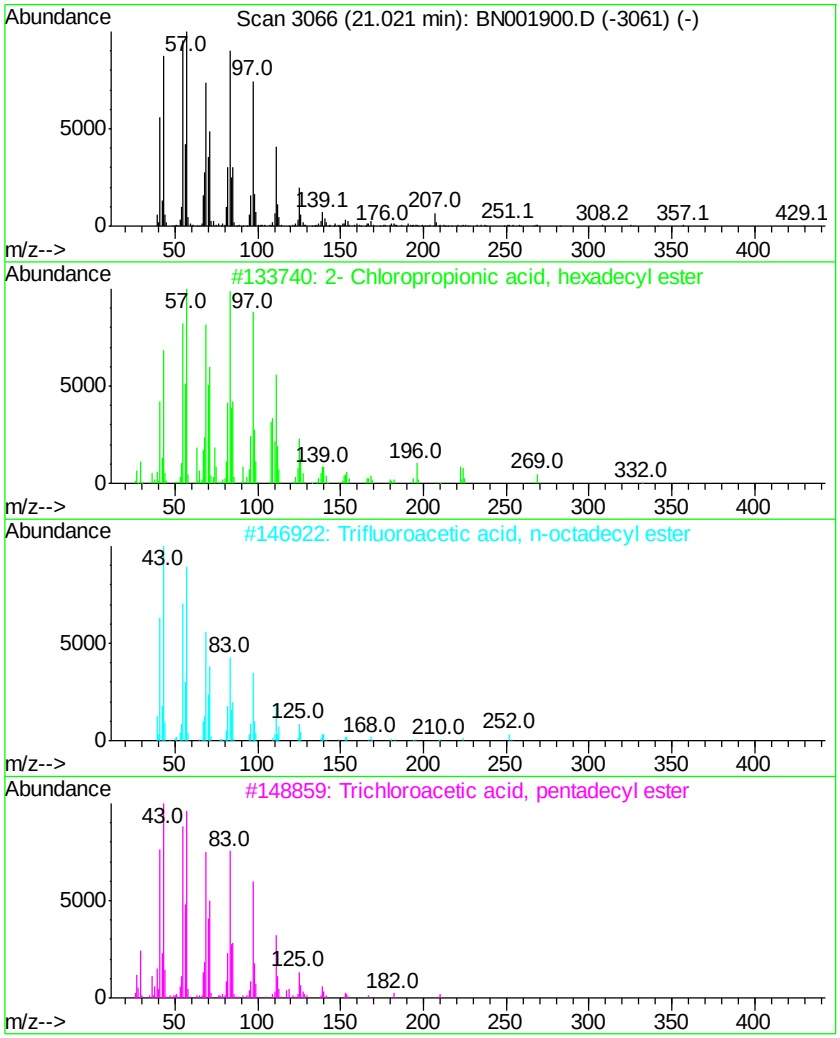
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

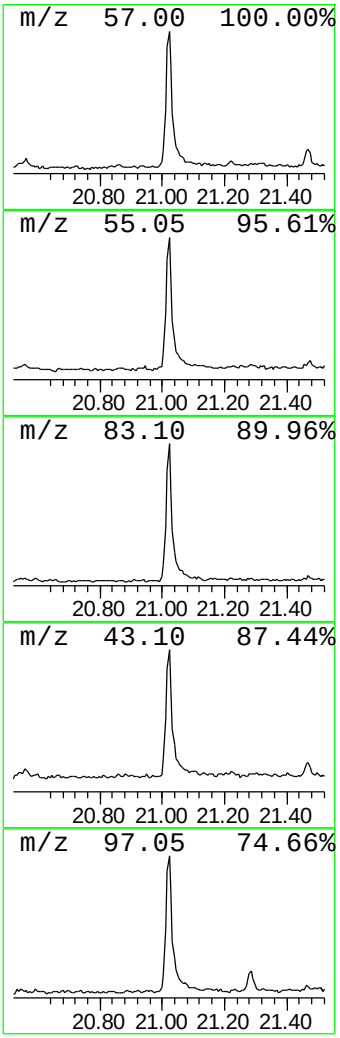
****

Peak Number 5 2- Chloropropionic acid, he... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.56 ng/ul	1193660	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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ClientSampleId : DAXT0

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

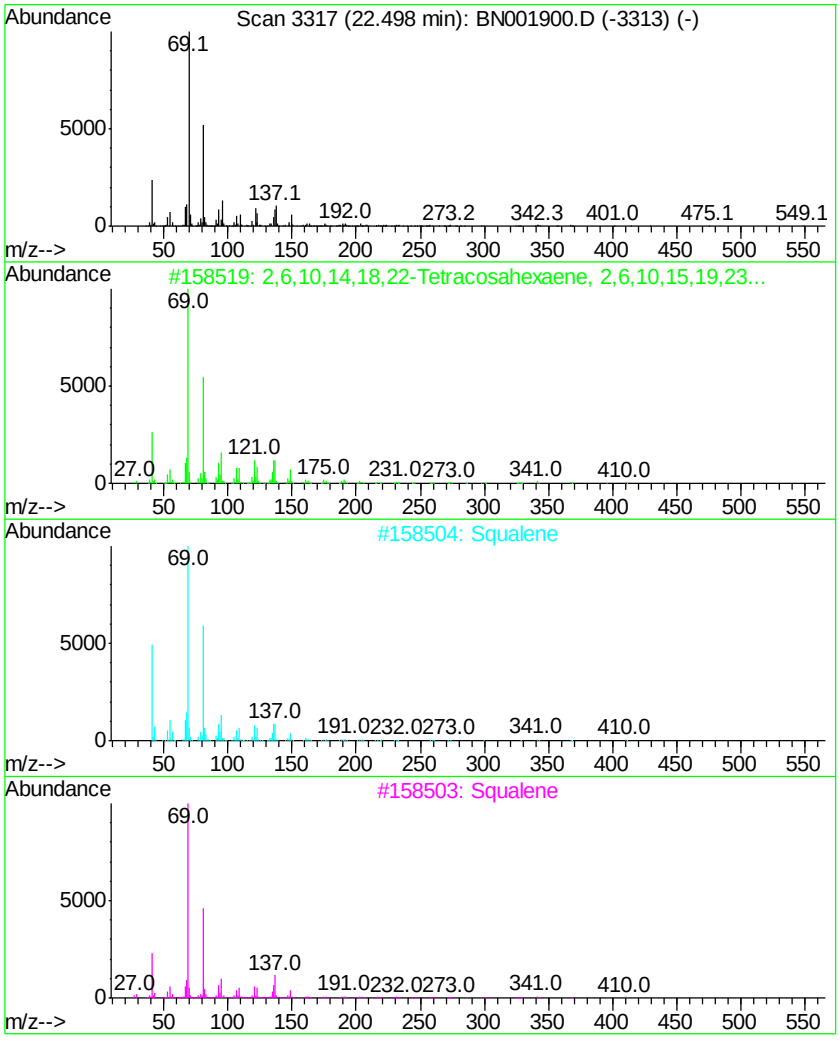
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

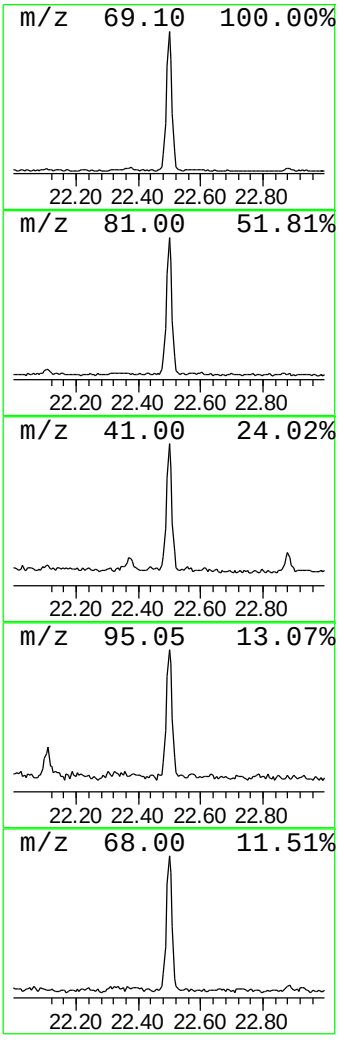
****

Peak Number 6 2,6,10,14,18,22-Tetracosahe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	2.07 ng/ul	764290	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
2	Squalene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	007683-64-9	91
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062018\
Data File : BN001900.D
Acq On : 20 Jun 2018 23:16
Operator : JU/SJ
Sample : J3527-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXT0

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...	3.02	15.5	ng/ul	2843060	1	7.72	3666700	20.0
Benzophenone	15.70	4.7	ng/ul	1844210	3	14.35	7848820	20.0
n-Hexadecanoic acid	18.00	6.8	ng/ul	3162100	4	17.09	9319110	20.0
Octadecanoic acid	19.29	4.1	ng/ul	1914510	5	21.29	9333940	20.0
2- Chloropropioni...	21.02	2.6	ng/ul	1193660	5	21.29	9333940	20.0
2,6,10,14,18,22-T...	22.50	2.1	ng/ul	764290	6	23.52	7387930	20.0