LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001895.D
Acq On : 20 Jun 2018 20:19
Operator : JU/SJ
Sample : J3568-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXS1

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	32	rVB	4545303	6554595	59.90%	4.456%
2	3.275	44	49	55	rVB	87926	127408	1.16%	0.087%
3	3.775	130	134	139	rVB2	24683	35128	0.32%	0.024%
4	3.899	150	155	160	rVB2	36520	58612	0.54%	0.040%
5	3.987	167	170	177	rVB2	21195	26700	0.24%	0.018%
6	4.875	316	321	326	rBV3	27188	47010	0.43%	0.032%
7	5.187	370	374	383	rBV3	16040	25173	0.23%	0.017%
8	5.828	478	483	494	rVB2	29284	53156	0.49%	0.036%
9	6.381	572	577	582	rVV4	16451	25726	0.24%	0.017%
10	6.710	627	633	646	rBV3	34698	72527	0.66%	0.049%
11	6.887	656	663	674	rBV	1831619	3119182	28.51%	2.120%
12	7.058	685	692	701	rBV	1418246	2213164	20.23%	1.504%
13	7.252	717	725	733	rBV	1780977	2831444	25.88%	1.925%
14	7.352	738	742	750	rVB4	14936	32166	0.29%	0.022%
15	7.716	797	804	810	rBV	2263905	3582444	32.74%	2.435%
16	7.781	810	815	820	rVV	31244	48155	0.44%	0.033%
17	8.410	915	922	933	rVB	2230031	3624364	33.12%	2.464%
18	8.528	938	942	948	rVB3	23965	44478	0.41%	0.030%
19	8.857	991	998	1009	rVV	1688079	2853148	26.08%	1.939%
20	8.981	1013	1019	1023	rVV	65254	106764	0.98%	0.073%
21	9.034	1023	1028	1032	rVB5	13833	24027	0.22%	0.016%
22	9.304	1070	1074	1082	rVB3	24107	45126	0.41%	0.031%
23	9.575	1112	1120	1129	rBV	1435620	2327601	21.27%	1.582%
24	9.804	1154	1159	1165	rVB9	12716	22808	0.21%	0.016%
25	10.110	1203	1211	1221	rBV	2386015	3937322	35.98%	2.676%
26	10.487	1266	1275	1283	rBV	3375117	5612241	51.29%	3.815%
27	10.540	1283	1284	1290	rVB2	26641	25237	0.23%	0.017%
28	10.622	1290	1298	1310	rBV	2116599	3686737	33.69%	2.506%
29	11.275	1405	1409	1415	rBV6	12382	24237	0.22%	0.016%
30	11.434	1427	1436	1443	rBV7	9514	29769	0.27%	0.020%
31	12.081	1540	1546	1551	rVV	47277	78934	0.72%	0.054%
32	12.151	1554	1558	1564	rVB2	23516	39251	0.36%	0.027%
33	12.369	1591	1595	1600	rVB2	15016	22703	0.21%	0.015%
34	12.698	1648	1651	1656	rVB3	19659	28365	0.26%	0.019%

LSC Area Percent Report

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Acq On : 20 Jun 2018 20:19
Operator : JU/SJ
Sample : J3568-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXS1

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	12.957	1691	1695	1702	rVB2	26877	44152	0.40%	0.030%
36	13.187	1728	1734	1738	rBV3	37162	55619	0.51%	0.038%
37	13.251	1741	1745	1751	rVV3	21261	37702	0.34%	0.026%
38	13.316	1751	1756	1760	rVV5	14590	22973	0.21%	0.016%
39	13.757	1819	1831	1835	rVV	4286355	6077627	55.54%	4.131%
40	13.804	1835	1839	1844	rVV	2054860	2818998	25.76%	1.916%
41	13.845	1844	1846	1850	rVV2	30870	40778	0.37%	0.028%
42	13.892	1850	1854	1860	rVB4	25234	40994	0.37%	0.028%
43	14.034	1870	1878	1888	rBV	4873655	7416767	67.78%	5.042%
44	14.263	1912	1917	1923	rBV	186441	231461	2.12%	0.157%
45	14.345	1923	1931	1944	rBV2	4858615	7585728	69.33%	5.156%
46	14.539	1957	1964	1981	rBV	1866303	2796499	25.56%	1.901%
47	14.710	1987	1993	1998	rBV6	27297	66172	0.60%	0.045%
48	14.769	1999	2003	2009	rVV3	69696	107818	0.99%	0.073%
49	14.822	2009	2012	2017	rVB5	25730	31438	0.29%	0.021%
50	14.887	2018	2023	2028	rVB3	53384	82584	0.75%	0.056%
51	14.957	2029	2035	2038	rBV3	31566	49376	0.45%	0.034%
52	15.163	2066	2070	2075	rVV2	72737	102522	0.94%	0.070%
53	15.216	2075	2079	2084	rVB	287767	371401	3.39%	0.252%
54	15.275	2085	2089	2093	rBV5	14299	23651	0.22%	0.016%
55	15.339	2093	2100	2107	rBV	6372281	9252530	84.56%	6.289%
56	15.451	2113	2119	2126	rBV	1686462	2351312	21.49%	1.598%
57	15.516	2126	2130	2136	rVB	60486	90173	0.82%	0.061%
58	15.581	2136	2141	2144	rBV	83083	135774	1.24%	0.092%
59	15.628	2145	2149	2153	rVV	78617	127461	1.16%	0.087%
60	15.663	2153	2155	2158	rVV3	17022	22453	0.21%	0.015%
61	15.716	2161	2164	2169	rVB5	36009	57018	0.52%	0.039%
62	15.775	2171	2174	2180	rBV2	37562	48853	0.45%	0.033%
63	15.839	2180	2185	2190	rVB3	36055	56561	0.52%	0.038%
64	16.028	2215	2217	2221	rVB4	26990	32883	0.30%	0.022%
65	16.081	2221	2226	2240	rBV	589327	920508	8.41%	0.626%
66	16.186	2241	2244	2248	rVV	33489	53345	0.49%	0.036%
67	16.245	2248	2254	2260	rVB4	93447	186268	1.70%	0.127%
68	16.298	2260	2263	2268	rBV3	42291	67850	0.62%	0.046%
69	16.345	2268	2271	2276	rVB5	44396	66723	0.61%	0.045%
70	16.433	2277	2286	2292	rBV4	116954	312071	2.85%	0.212%
71	16.504	2292	2298	2303	rVV5	79057	150533	1.38%	0.102%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3568-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXS1

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	16.575	2306	2310	2315	rBV2	44614	80577	0.74%	0.055%
73	16.651	2320	2323	2326	rVB3	37955	52091	0.48%	0.035%
74	16.875	2356	2361	2366	rBV	196732	251017	2.29%	0.171%
75	16.928	2367	2370	2376	rVB2	59121	86730	0.79%	0.059%
76	17.010	2380	2384	2390	rBV6	32788	70536	0.64%	0.048%
77	17.086	2391	2397	2404	rBV	5966248	8714487	79.64%	5.924%
78	17.186	2408	2414	2422	rBV2	6982186	9876048	90.26%	6.713%
79	17.610	2482	2486	2491	rBV	81304	103101	0.94%	0.070%
80	17.716	2501	2504	2509	rBV4	48127	63611	0.58%	0.043%
81	17.780	2511	2515	2520	rVB4	44851	82289	0.75%	0.056%
82	17.880	2527	2532	2541	rBV5	94935	231698	2.12%	0.157%
83	18.004	2548	2553	2562	rBV	1442638	2160576	19.75%	1.469%
84	18.304	2599	2604	2609	rBV2	112121	170749	1.56%	0.116%
85	18.598	2651	2654	2658	rVB6	63785	80609	0.74%	0.055%
86	18.769	2681	2683	2687	rBV2	27542	33200	0.30%	0.023%
87	18.863	2696	2699	2706	rVB	67146	104720	0.96%	0.071%
88	19.116	2738	2742	2744	rBV	103226	149695	1.37%	0.102%
89	19.145	2744	2747	2749	rBV2	108758	141183	1.29%	0.096%
90	19.292	2767	2772	2781	rBV	550475	888955	8.12%	0.604%
91	19.369	2783	2785	2790	rVB	86669	112580	1.03%	0.077%
92	19.486	2799	2805	2812	rBV2	7801344	10941878	100.00%	7.438%
93	20.516	2976	2980	2986	rBV	3491061	3794064	34.67%	2.579%
94	21.021	3062	3066	3078	rBV	912478	1371672	12.54%	0.932%
95	21.221	3096	3100	3105	rBV	812960	993416	9.08%	0.675%
96	21.286	3106	3111	3116	rVV	6504526	7891734	72.12%	5.364%
97	22.498	3313	3317	3324	rVB	476512	662425	6.05%	0.450%
98	22.880	3380	3382	3388	rVB2	240376	317077	2.90%	0.216%
99	23.380	3460	3467	3475	rVB	4216077	7805457	71.34%	5.306%
100	23.521	3484	3491	3504	rVB	3406358	6557818	59.93%	4.458%

Sum of corrected areas: 147112271

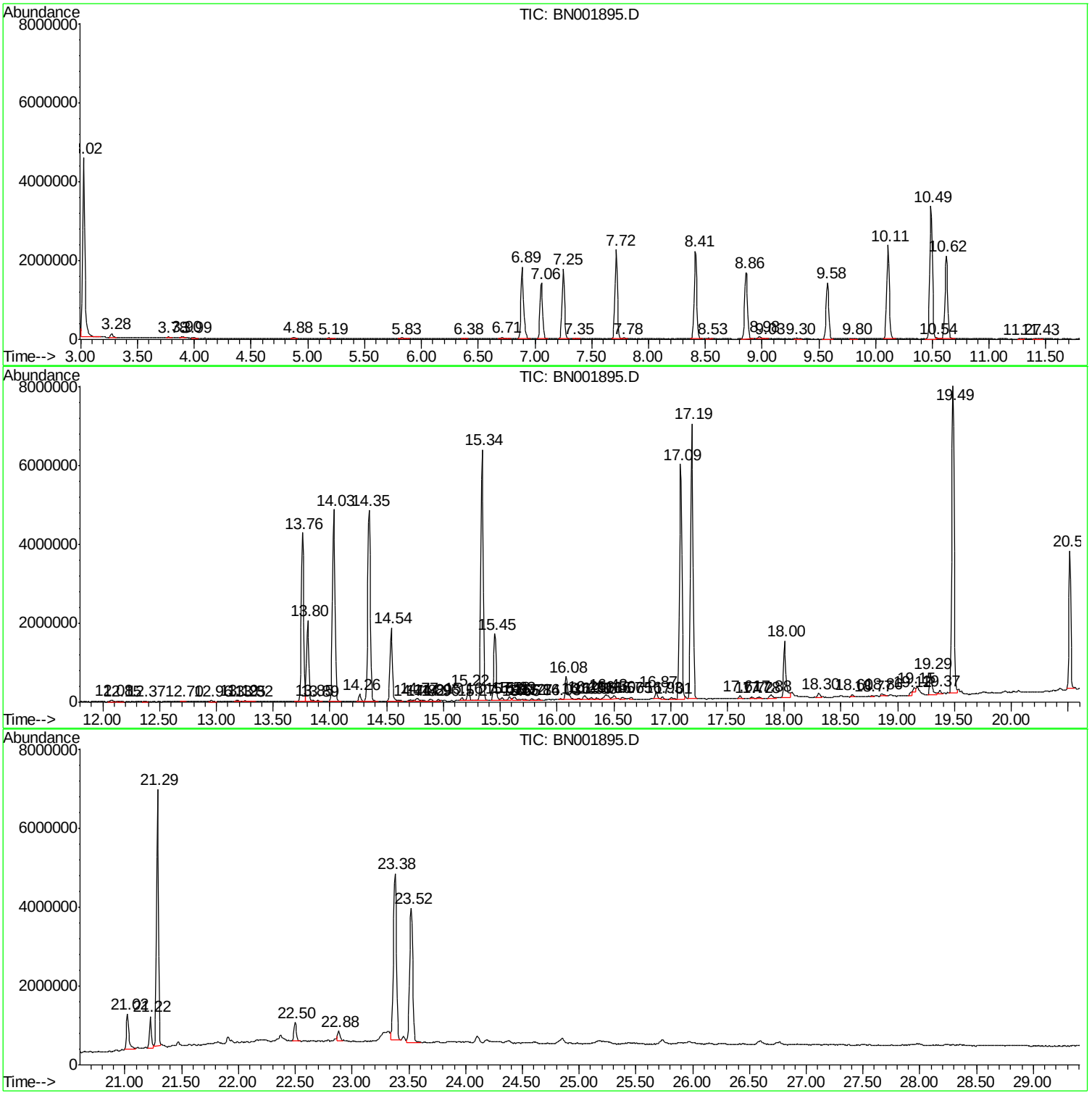
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001895.D
Acq On : 20 Jun 2018 20:19
Operator : JU/SJ
Sample : J3568-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXS1

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 : BN001895.D
Acq On : 20 Jun 2018 20:19
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Misc :
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Instrument : BNA_N
ClientSampleId : DAXS1

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

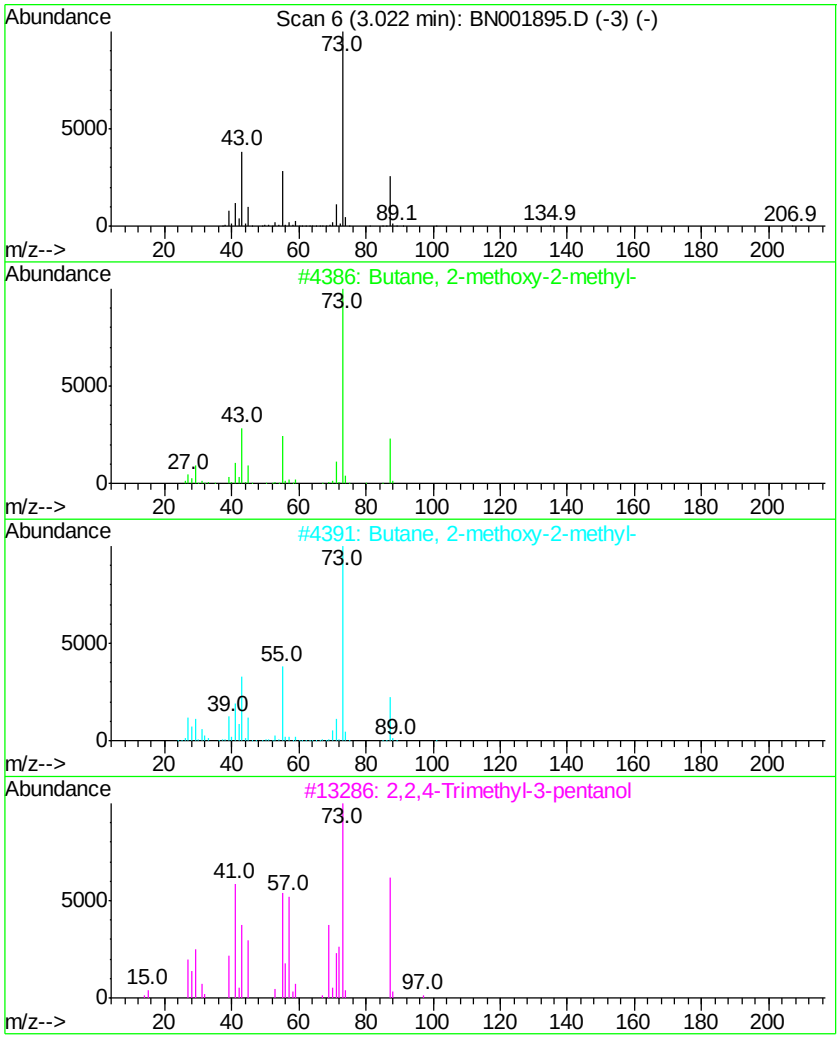
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

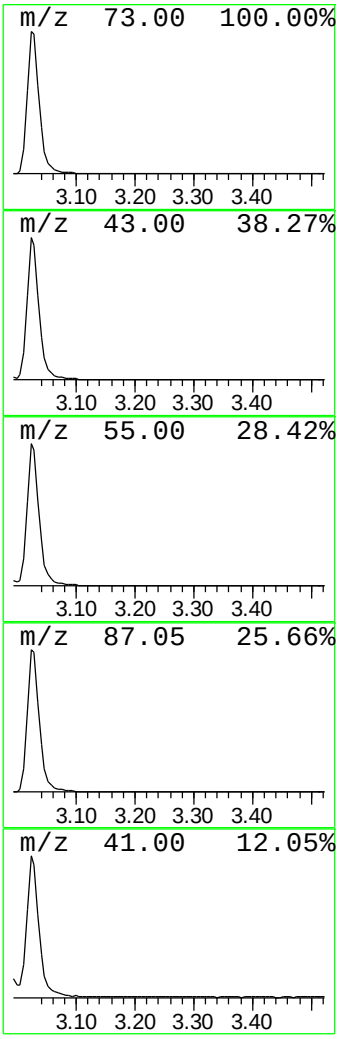
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	36.59 ng/ul	6554600	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	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
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Operator : JU/SJ
Sample : J3568-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXS1

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

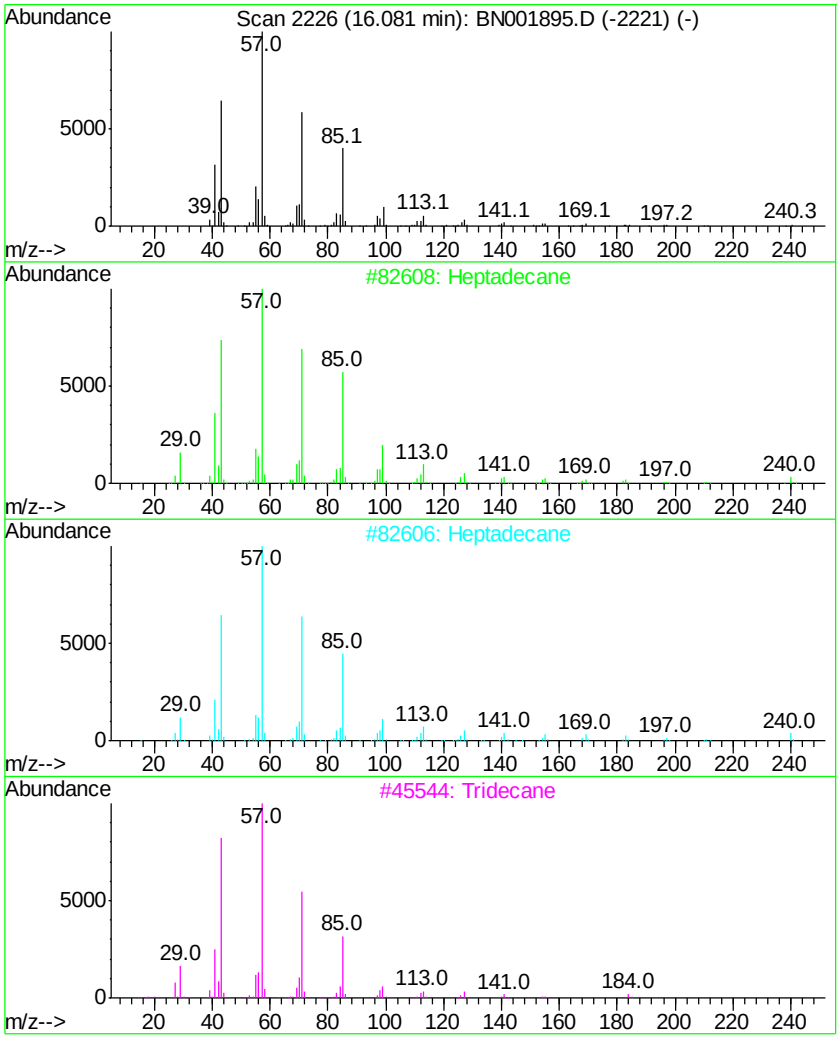
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

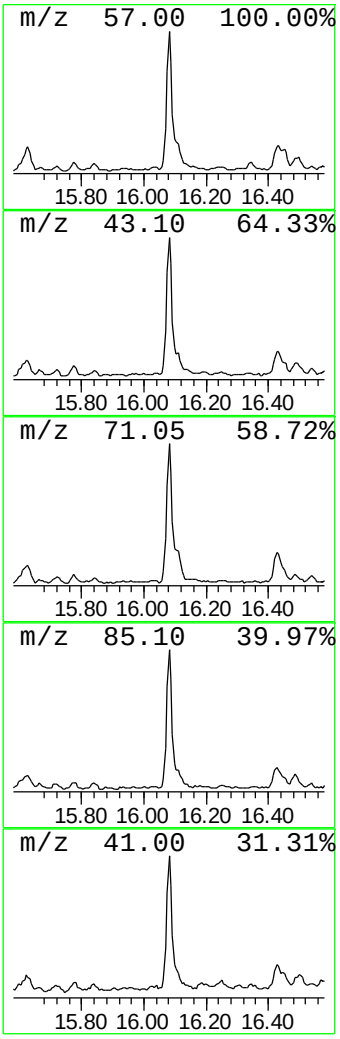
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	2.11 ng/ul	920508	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Tridecane	184	C13H28	000629-50-5	93
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001895.D
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Instrument : BNA_N
ClientSampleId : DAXS1

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

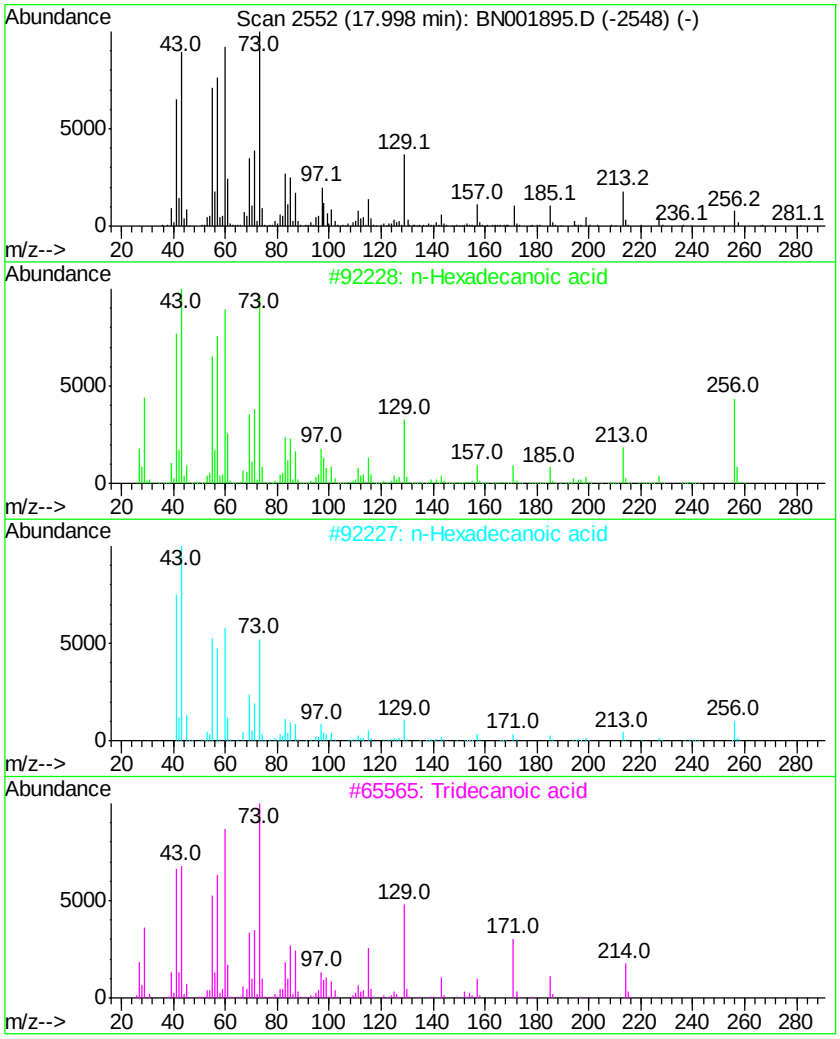
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

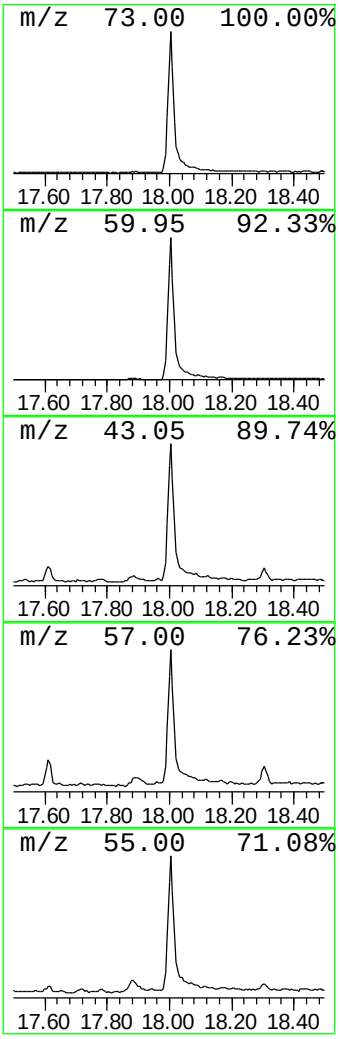
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.96 ng/ul	2160580	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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXS1

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

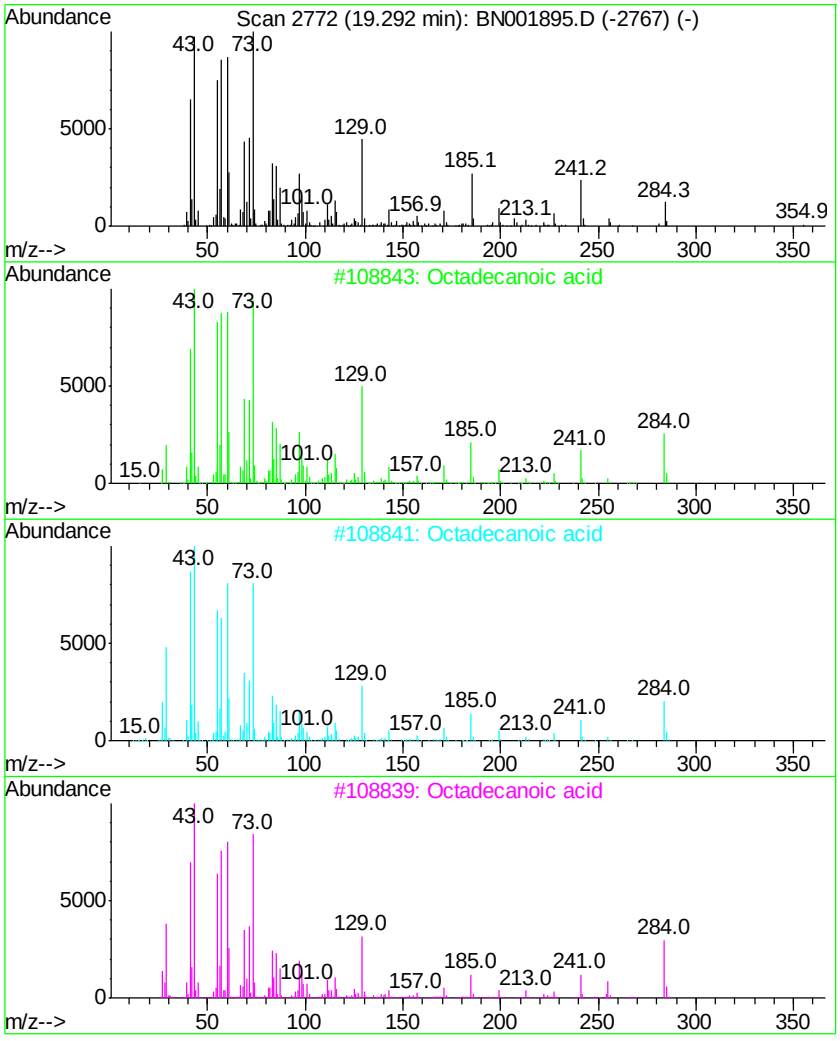
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

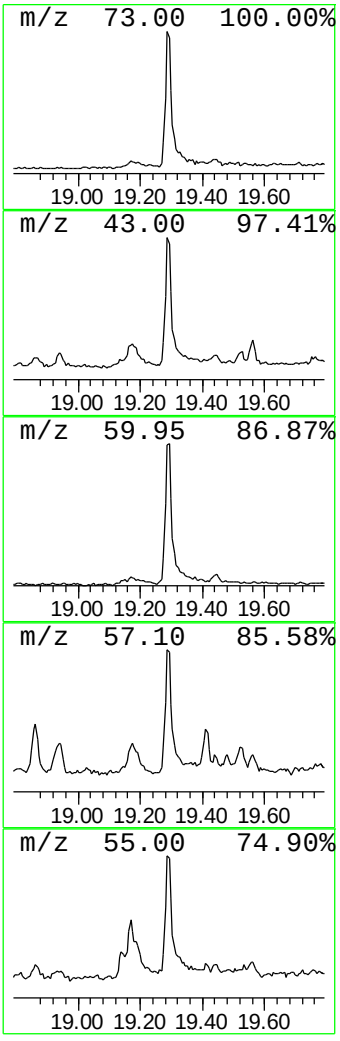
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.25 ng/ul	888955	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	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXS1

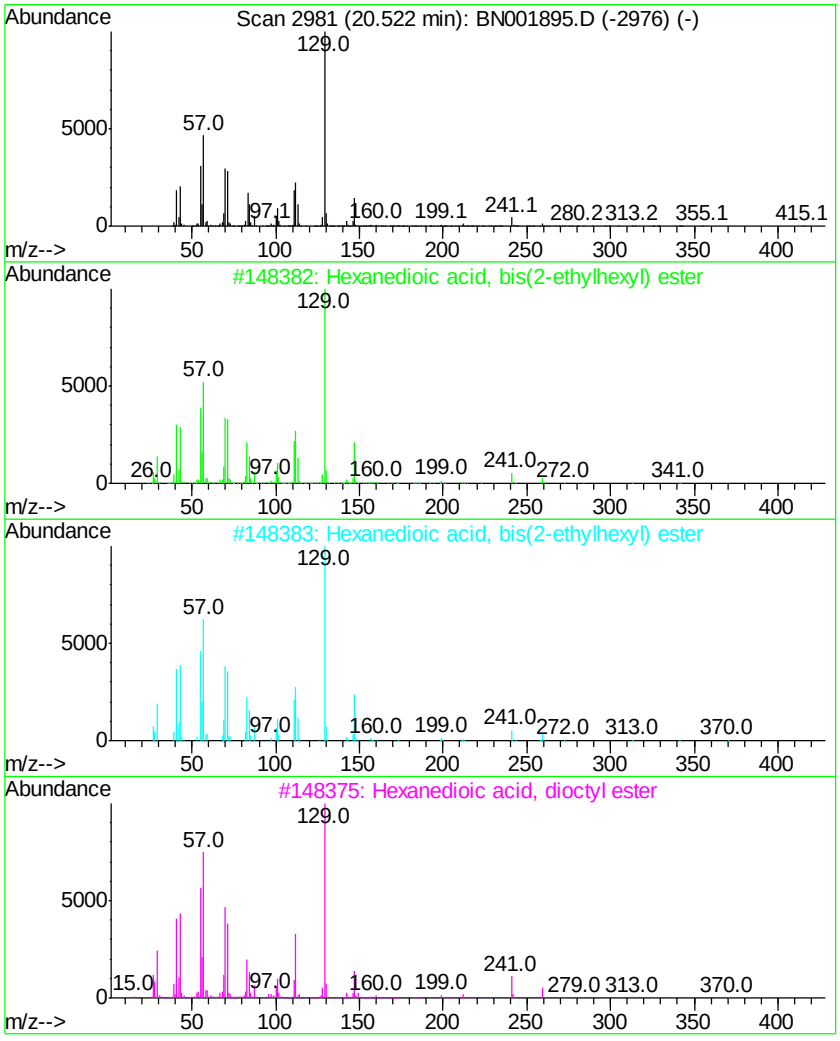
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

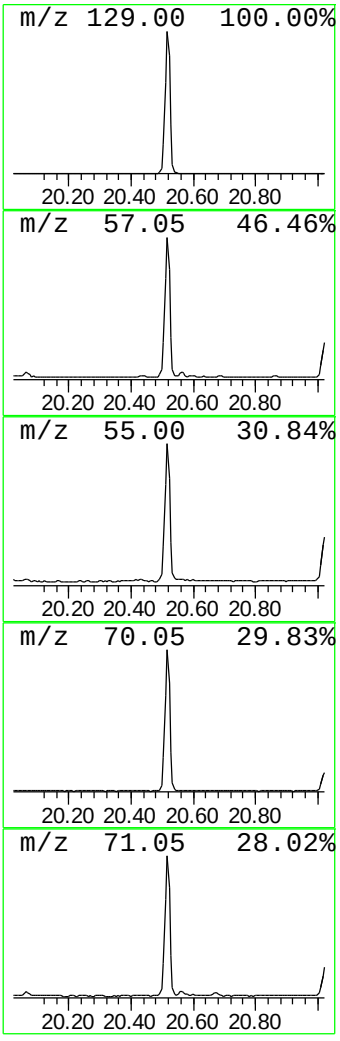
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	9.62 ng/ul	3794060	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	94
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001895.D
Acq On : 20 Jun 2018 20:19
Operator : JU/SJ
Sample : J3568-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXS1

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

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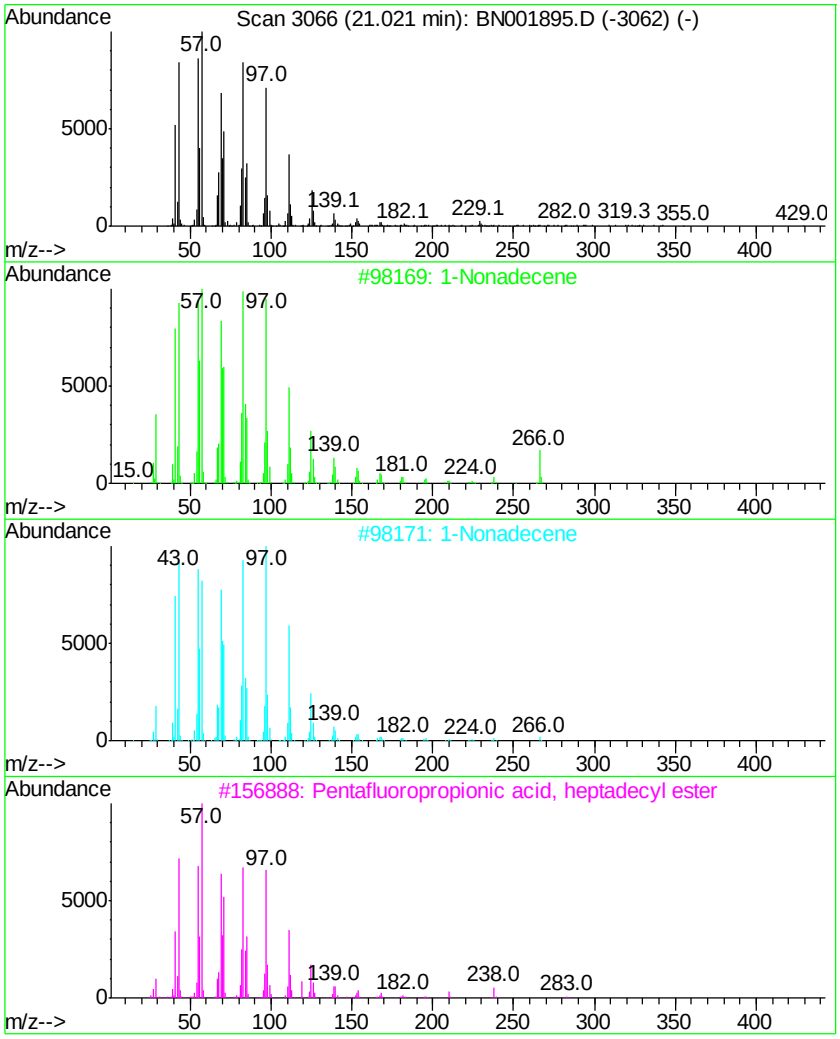
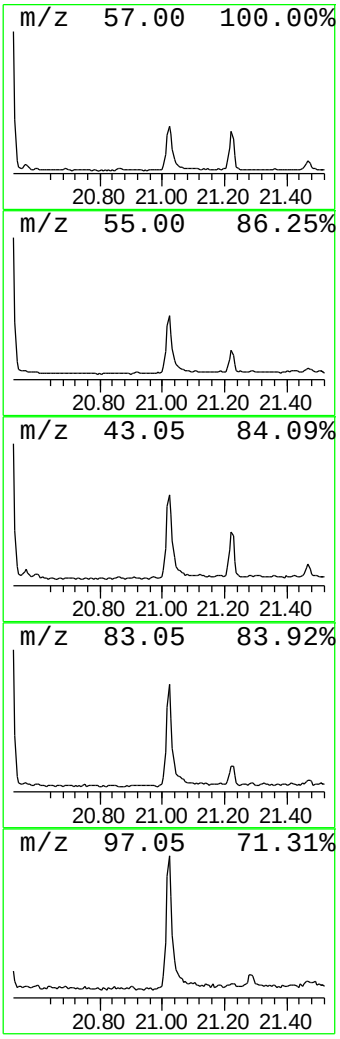
Peak Number 6 (DEL) Alkane: Cyclic21.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.48 ng/ul	1371670	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001895.D
Acq On : 20 Jun 2018 20:19
Operator : JU/SJ
Sample : J3568-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXS1

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

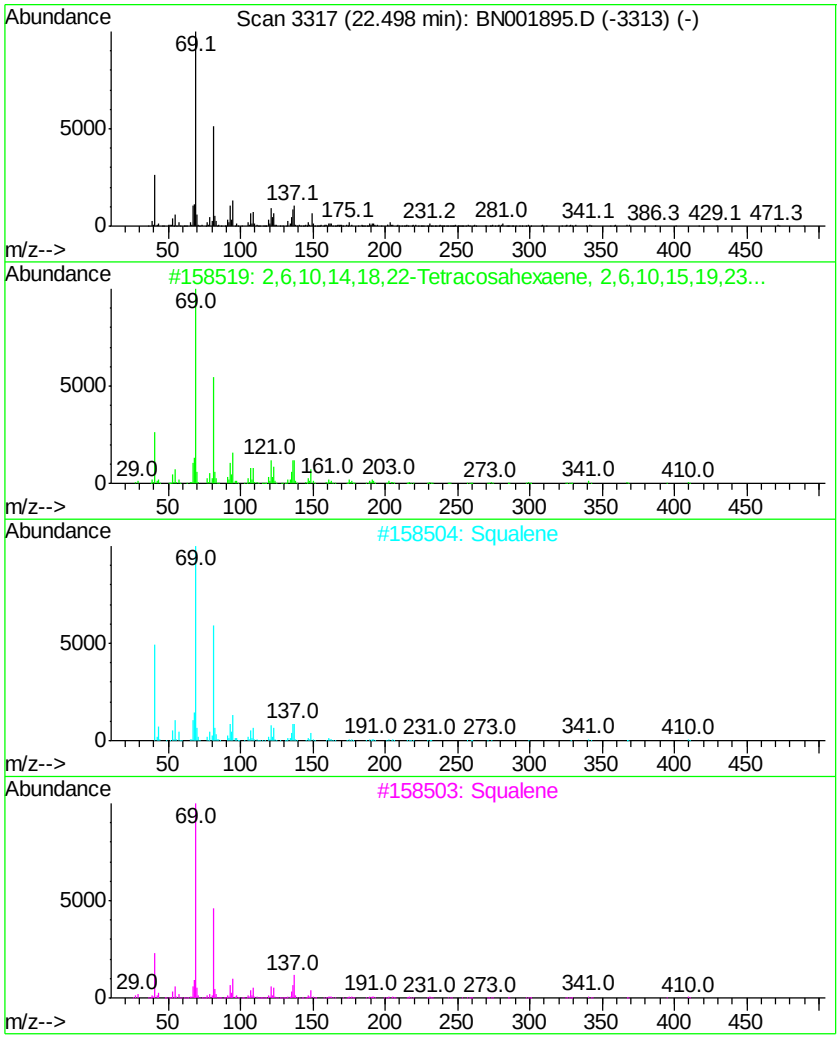
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

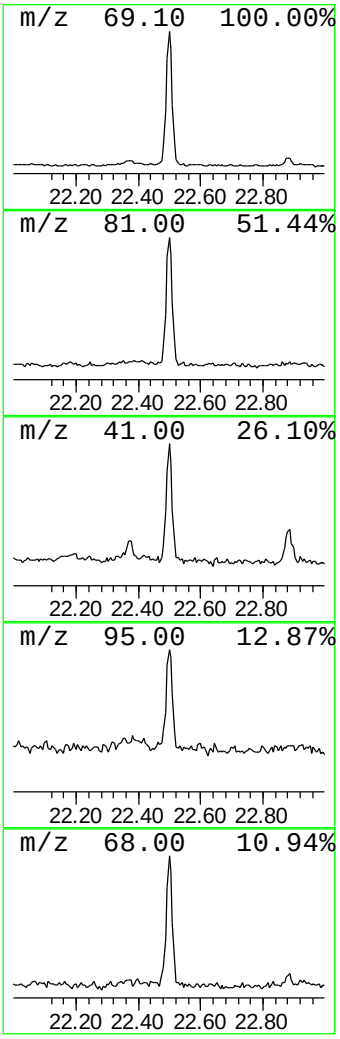
****

Peak Number 7 2,6,10,14,18,22-Tetracosahe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	2.02 ng/ul	662425	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	90
2	Squalene	410	C30H50	007683-64-9	87
3	Squalene	410	C30H50	007683-64-9	87
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
5	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062018\
Data File : BN001895.D
Acq On : 20 Jun 2018 20:19
Operator : JU/SJ
Sample : J3568-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAXS1

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	36.6	ng/ul	6554600	1	7.72	3582440	20.0
(DEL) Alkane: Str...	16.08	2.1	ng/ul	920508	4	17.09	8714490	20.0
n-Hexadecanoic acid	18.00	5.0	ng/ul	2160580	4	17.09	8714490	20.0
Octadecanoic acid	19.29	2.3	ng/ul	888955	5	21.29	7891730	20.0
Hexanedioic acid,...	20.52	9.6	ng/ul	3794060	5	21.29	7891730	20.0
(DEL) Alkane: Cyc...	21.02	3.5	ng/ul	1371670	5	21.29	7891730	20.0
2,6,10,14,18,22-T...	22.50	2.0	ng/ul	662425	6	23.52	6557820	20.0