LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010436.D
Acq On : 08 Apr 2020 18:44
Operator : CG/JU
Sample : L2155-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFA6

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-BN040120MA.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	2.893	13	18	22	rBV	293885	489807	2.75%	0.293%
2	2.963	26	30	49	rVB	1580114	2767149	15.56%	1.652%
3	3.210	68	72	77	rBV	67865	100571	0.57%	0.060%
4	3.699	151	155	162	rBV	36586	54740	0.31%	0.033%
5	3.828	173	177	183	rVB3	17943	35992	0.20%	0.021%
6	3.916	185	192	197	rVB	29214	50203	0.28%	0.030%
7	4.799	336	342	351	rBV3	92899	156914	0.88%	0.094%
8	5.310	424	429	437	rBV6	22069	50079	0.28%	0.030%
9	5.675	487	491	494	rBV6	17491	33798	0.19%	0.020%
10	6.634	646	654	658	rBV8	19326	45739	0.26%	0.027%
11	6.798	671	682	697	rVB	2037113	3340672	18.78%	1.995%
12	6.951	702	708	717	rVV	1634726	2563995	14.42%	1.531%
13	7.151	735	742	754	rBV	2387983	3742980	21.05%	2.235%
14	7.240	754	757	759	rBV2	30992	44417	0.25%	0.027%
15	7.269	759	762	767	rVB5	33986	51986	0.29%	0.031%
16	7.610	813	820	827	rBV	1796956	2821288	15.86%	1.685%
17	7.687	827	833	837	rVB3	25790	40593	0.23%	0.024%
18	8.310	932	939	949	rVV	2525484	4088214	22.99%	2.441%
19	8.416	954	957	964	rVV3	31401	54487	0.31%	0.033%
20	8.745	997	1013	1020	rBV	2118658	3451206	19.41%	2.061%
21	8.928	1039	1044	1047	rBV5	31536	50370	0.28%	0.030%
22	9.228	1090	1095	1099	rVV2	59553	97833	0.55%	0.058%
23	9.304	1106	1108	1116	rVB7	20317	35835	0.20%	0.021%
24	9.463	1126	1135	1142	rBV	1840760	3023311	17.00%	1.805%
25	9.616	1157	1161	1169	rVB10	16090	33604	0.19%	0.020%
26	9.716	1169	1178	1186	rBV10	19074	50971	0.29%	0.030%
27	9.998	1218	1226	1236	rBV	3283185	5322803	29.93%	3.179%
28	10.145	1246	1251	1256	rBV8	16638	38186	0.21%	0.023%
29	10.257	1265	1270	1274	rBV8	15556	35266	0.20%	0.021%
30	10.369	1281	1289	1295	rBV	2588410	4220036	23.73%	2.520%
31	10.416	1295	1297	1303	rVB	92250	131886	0.74%	0.079%
32	10.504	1303	1312	1320	rBV	1280965	2234088	12.56%	1.334%
33	11.181	1422	1427	1429	rBV5	27914	45003	0.25%	0.027%
34	11.428	1461	1469	1474	rBV3	52411	99800	0.56%	0.060%

LSC Area Percent Report

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Sample : L2155-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFA6

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-BN040120MA.M
Title : SVOA CALIBRATION

35	11.828	1529	1537	1541	rBV5	48314	81277	0.46%	0.049%
36	11.881	1541	1546	1549	rVB6	17991	34218	0.19%	0.020%
37	11.963	1554	1560	1567	rVV	73414	137472	0.77%	0.082%
38	12.034	1567	1572	1579	rVB	142901	245148	1.38%	0.146%
39	12.186	1594	1598	1605	rVV9	17183	35535	0.20%	0.021%
40	12.257	1605	1610	1617	rVB	96242	143101	0.80%	0.085%
41	12.798	1698	1702	1706	rVV3	48914	68876	0.39%	0.041%
42	12.981	1729	1733	1738	rBV7	15998	35684	0.20%	0.021%
43	13.086	1744	1751	1754	rBV4	59852	92896	0.52%	0.055%
44	13.128	1754	1758	1765	rVB4	136641	223241	1.26%	0.133%
45	13.410	1799	1806	1813	rVB4	50171	134908	0.76%	0.081%
46	13.557	1826	1831	1836	rVB3	79833	117973	0.66%	0.070%
47	13.610	1836	1840	1841	rBV3	71697	80328	0.45%	0.048%
48	13.651	1841	1847	1851	rVV	5674478	7617285	42.83%	4.549%
49	13.698	1851	1855	1861	rVV	2011126	2656742	14.94%	1.587%
50	13.757	1861	1865	1868	rVV4	54582	65498	0.37%	0.039%
51	13.792	1868	1871	1875	rVV2	51599	66488	0.37%	0.040%
52	13.922	1886	1893	1914	rVV	6689097	10342052	58.15%	6.176%
53	14.098	1921	1923	1928	rVB6	39023	46563	0.26%	0.028%
54	14.169	1931	1935	1939	rVV	88216	110459	0.62%	0.066%
55	14.233	1939	1946	1953	rVV	3807193	5991235	33.69%	3.578%
56	14.298	1955	1957	1959	rVV2	45662	53845	0.30%	0.032%
57	14.328	1959	1962	1967	rVB6	59511	82483	0.46%	0.049%
58	14.439	1975	1981	1992	rBV	2108582	3285711	18.47%	1.962%
59	14.592	2003	2007	2010	rBV5	35711	53771	0.30%	0.032%
60	14.639	2011	2015	2019	rVV2	70091	119915	0.67%	0.072%
61	14.680	2019	2022	2026	rVV6	38326	50183	0.28%	0.030%
62	14.716	2026	2028	2033	rVB3	32810	39600	0.22%	0.024%
63	14.792	2038	2041	2047	rVB7	35090	50805	0.29%	0.030%
64	14.863	2049	2053	2058	rBV3	49726	87322	0.49%	0.052%
65	14.910	2058	2061	2066	rVB5	49484	73866	0.42%	0.044%
66	15.039	2077	2083	2086	rBV6	56380	107320	0.60%	0.064%
67	15.069	2086	2088	2092	rVB3	43560	43146	0.24%	0.026%
68	15.127	2093	2098	2101	rVB3	88822	120492	0.68%	0.072%
69	15.233	2110	2116	2122	rBV	8951492	12385423	69.64%	7.396%
70	15.286	2122	2125	2130	rVB6	77839	112040	0.63%	0.067%
71	15.351	2131	2136	2145	rBV	1719152	2455519	13.81%	1.466%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFA6

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_N\METHODS\SOM-EPA-BN040120MA.M
Title : SVOA CALIBRATION

72	15.475	2153	2157	2161	rBV2	82962	101682	0.57%	0.061%
73	15.586	2171	2176	2180	rBV2	69555	98863	0.56%	0.059%
74	15.733	2197	2201	2209	rVB4	82820	198209	1.11%	0.118%
75	15.810	2209	2214	2215	rBV5	59728	82188	0.46%	0.049%
76	15.986	2241	2244	2246	rBV2	79591	97731	0.55%	0.058%
77	16.016	2246	2249	2255	rVB	223736	303555	1.71%	0.181%
78	16.533	2333	2337	2340	rBV5	47349	80526	0.45%	0.048%
79	16.639	2350	2355	2358	rBV2	96002	164609	0.93%	0.098%
80	16.780	2375	2379	2385	rVB3	127135	190164	1.07%	0.114%
81	16.910	2397	2401	2407	rBV2	156636	225992	1.27%	0.135%
82	16.980	2408	2413	2418	rBV	5133347	7331735	41.22%	4.378%
83	17.021	2418	2420	2424	rVB	536438	607117	3.41%	0.363%
84	17.080	2424	2430	2435	rBV2	9502987	13710598	77.09%	8.188%
85	17.386	2478	2482	2486	rVB	163045	223260	1.26%	0.133%
86	17.516	2501	2504	2508	rVB3	149225	167336	0.94%	0.100%
87	17.845	2556	2560	2566	rBV3	595736	933287	5.25%	0.557%
88	17.910	2566	2571	2578	rBV2	2574255	3612370	20.31%	2.157%
89	18.039	2591	2593	2599	rBV4	140796	255921	1.44%	0.153%
90	18.210	2618	2622	2626	rBV2	396596	588239	3.31%	0.351%
91	18.551	2677	2680	2683	rBV	226439	314094	1.77%	0.188%
92	18.851	2728	2731	2734	rBV	199159	222667	1.25%	0.133%
93	19.045	2760	2764	2769	rBV	1372252	1731532	9.74%	1.034%
94	19.198	2786	2790	2795	rBV2	1083690	1517390	8.53%	0.906%
95	19.386	2816	2822	2834	rBV2	11444750	17784771	100.00%	10.621%
96	20.921	3080	3083	3089	rBV	2450788	2980657	16.76%	1.780%
97	21.186	3123	3128	3132	rBV	6376021	8617155	48.45%	5.146%
98	22.721	3385	3389	3391	rBV	1563948	2395178	13.47%	1.430%
99	23.233	3471	3476	3481	rBV	5906003	9816048	55.19%	5.862%
100	23.368	3494	3499	3506	rVB	3706347	6249816	35.14%	3.732%

Sum of corrected areas: 167454932

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ClientSampleId :
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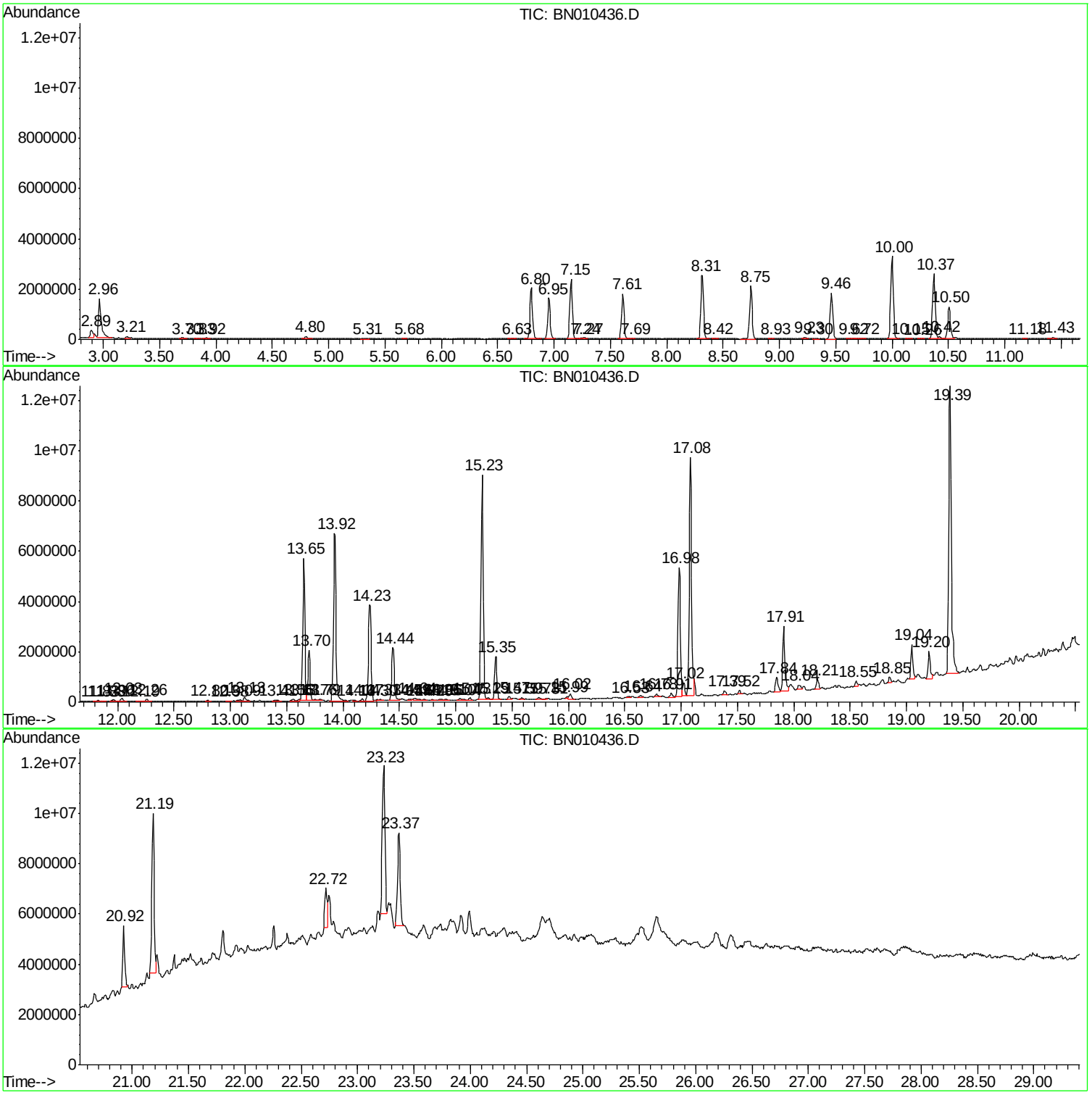
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

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



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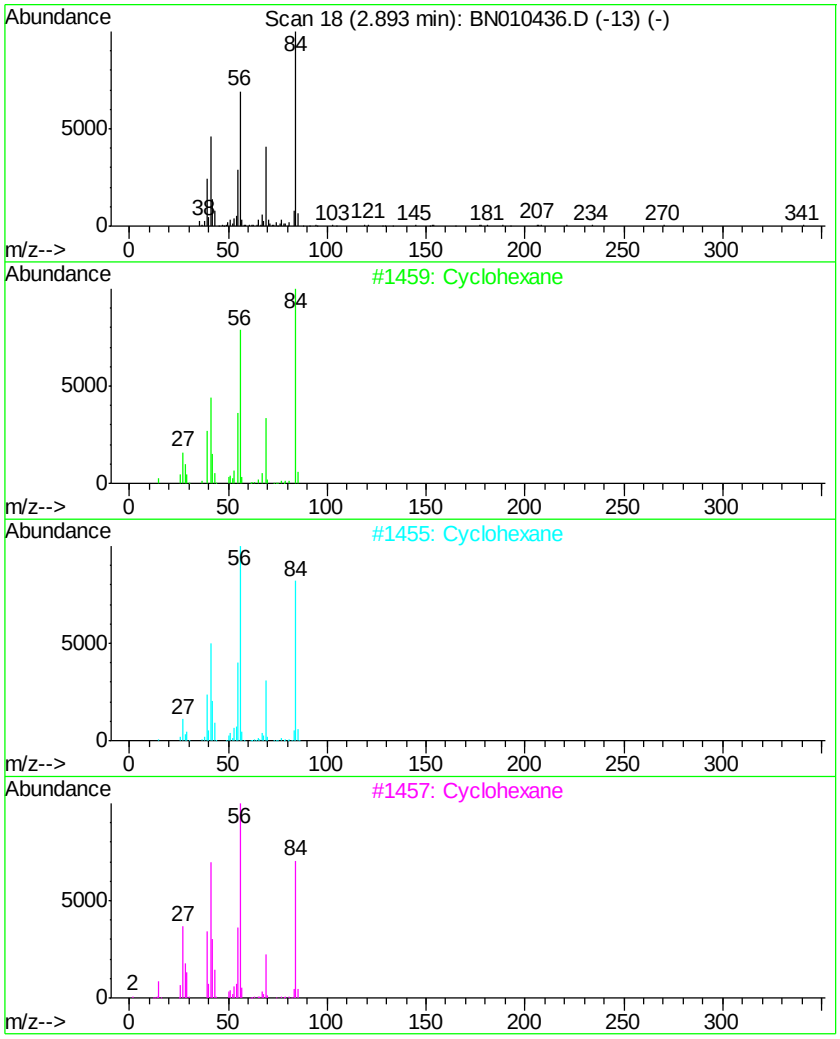
TIC Integration Parameters: LSCINT.P

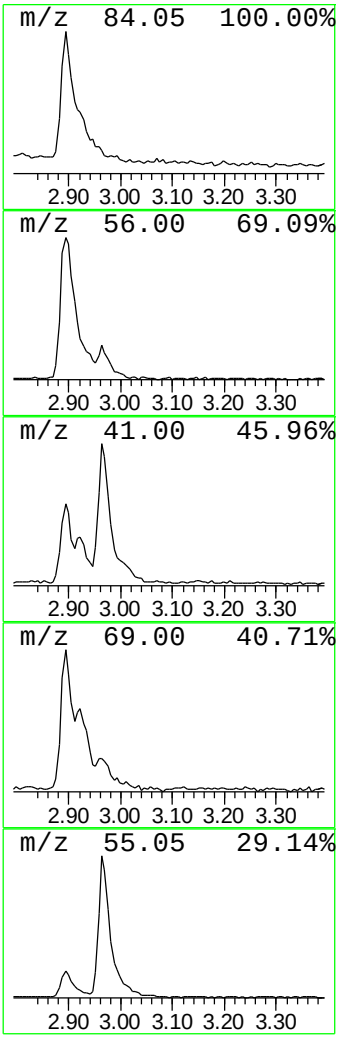
****

Peak Number 1 (DEL) Alkane: Cyclic2.89 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	3.47 ng/ul	489807	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	86
2	Cyclohexane	84	C6H12	000110-82-7	83
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Pyridine-D5-	84	C5D5N	007291-22-7	72
5	Cyclohexane	84	C6H12	000110-82-7	72





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

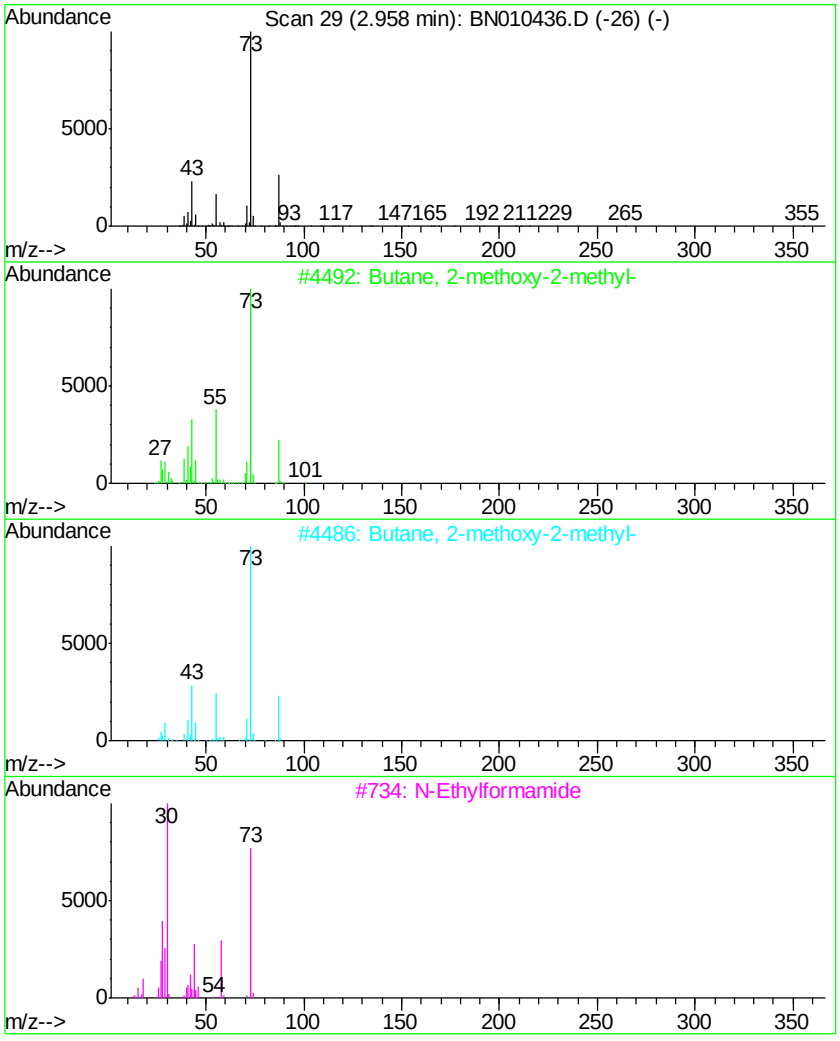
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

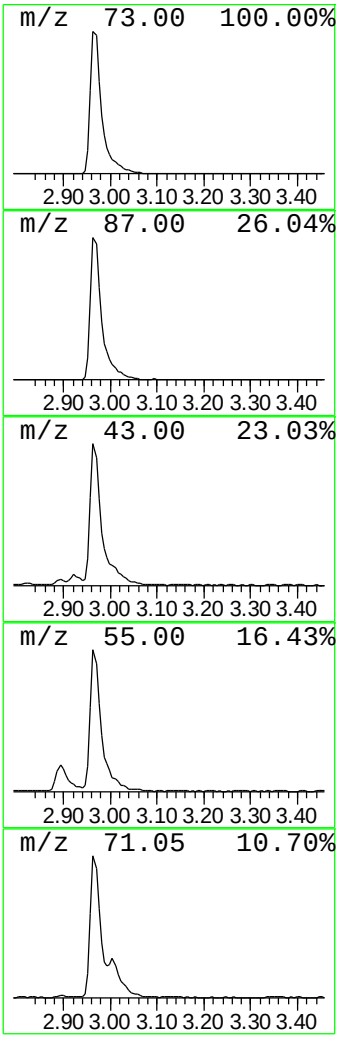
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	19.62 ng/ul	2767150	1,4-Dichlorobenzene-d4	7.61

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	50
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





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Quant Title : SVOA CALIBRATION

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

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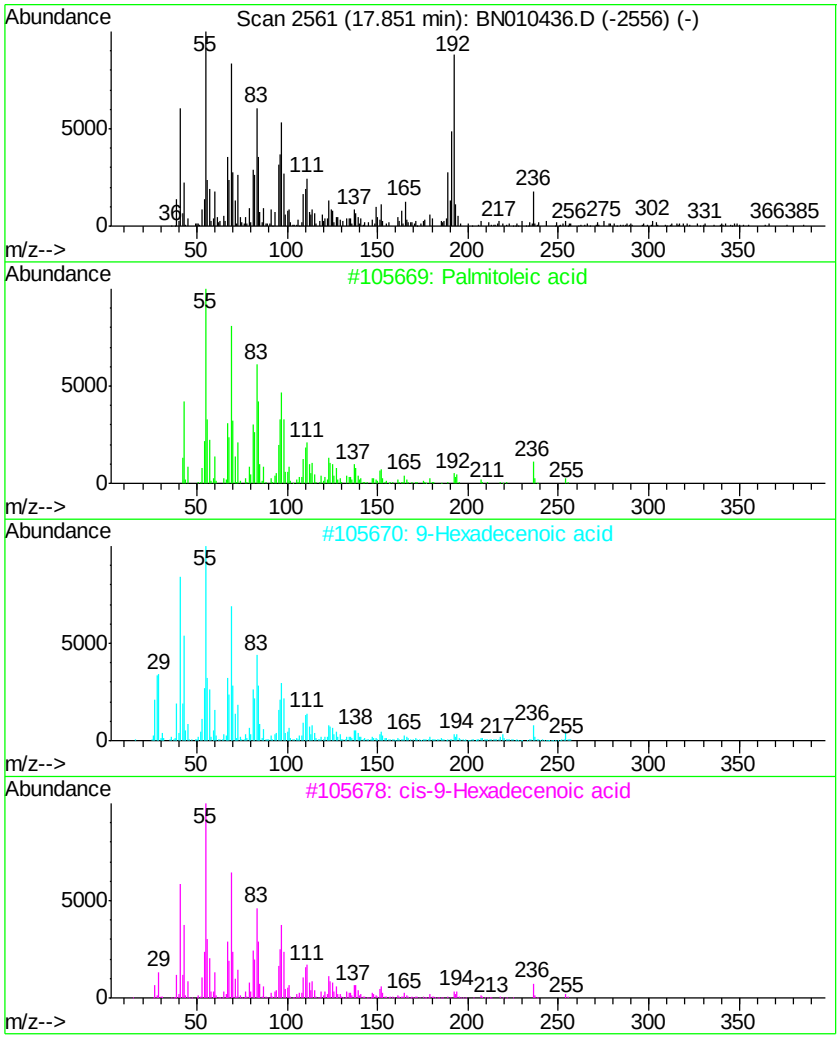
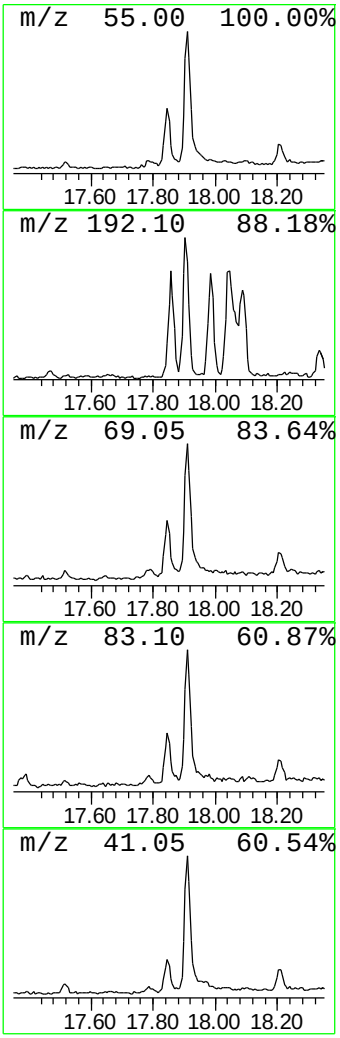
Peak Number 3 Palmitoleic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	2.55 ng/ul	933287	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	99
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	96
3	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	95
4	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	60
5	cis-5-Dodecenoic acid	198	C12H22O2	002430-94-6	58





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

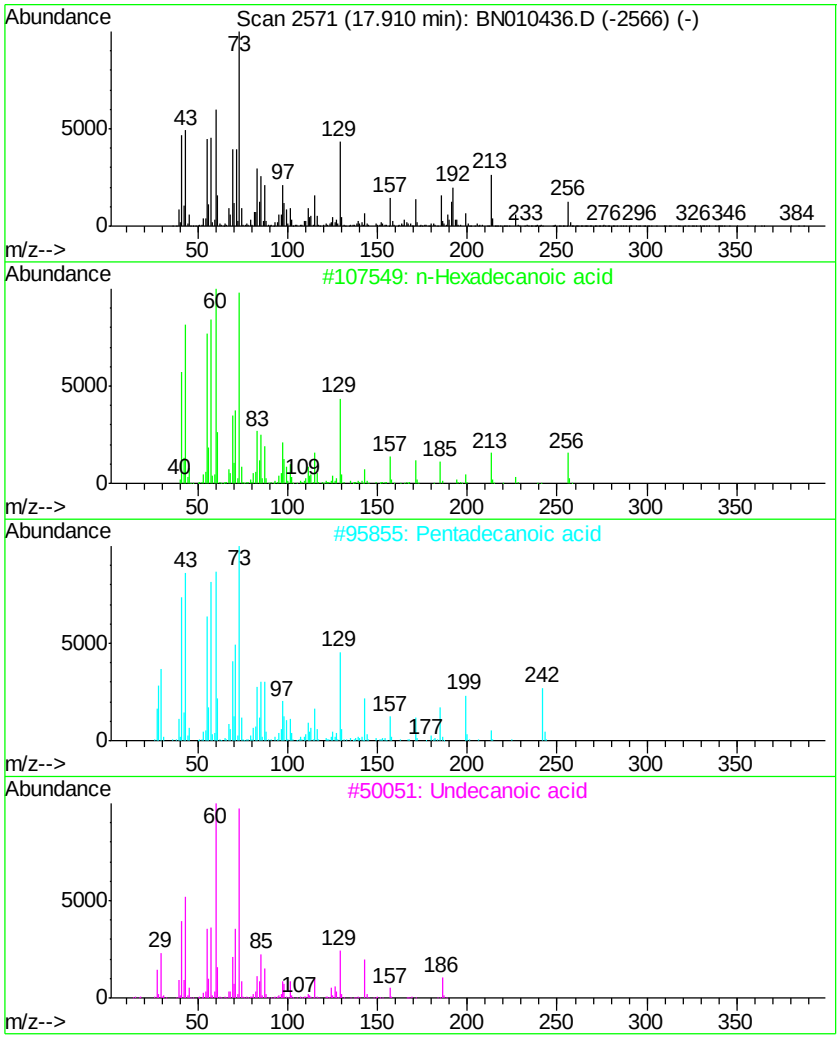
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

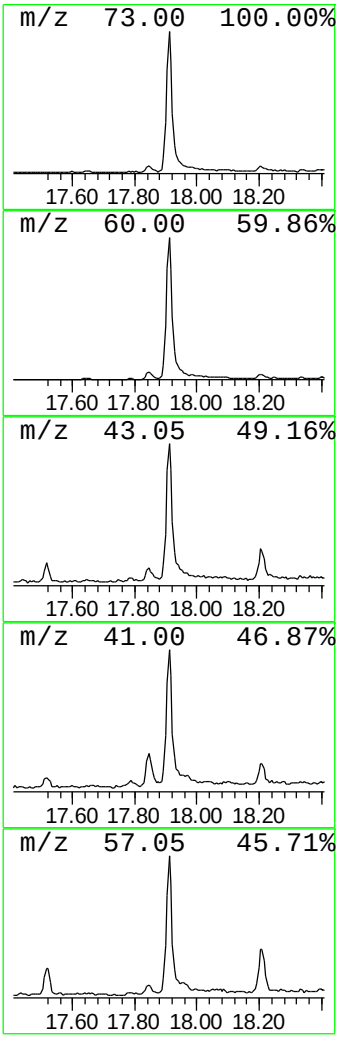
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	9.85 ng/ul	3612370	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Undecanoic acid	186	C11H22O2	000112-37-8	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	58





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Sample : L2155-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

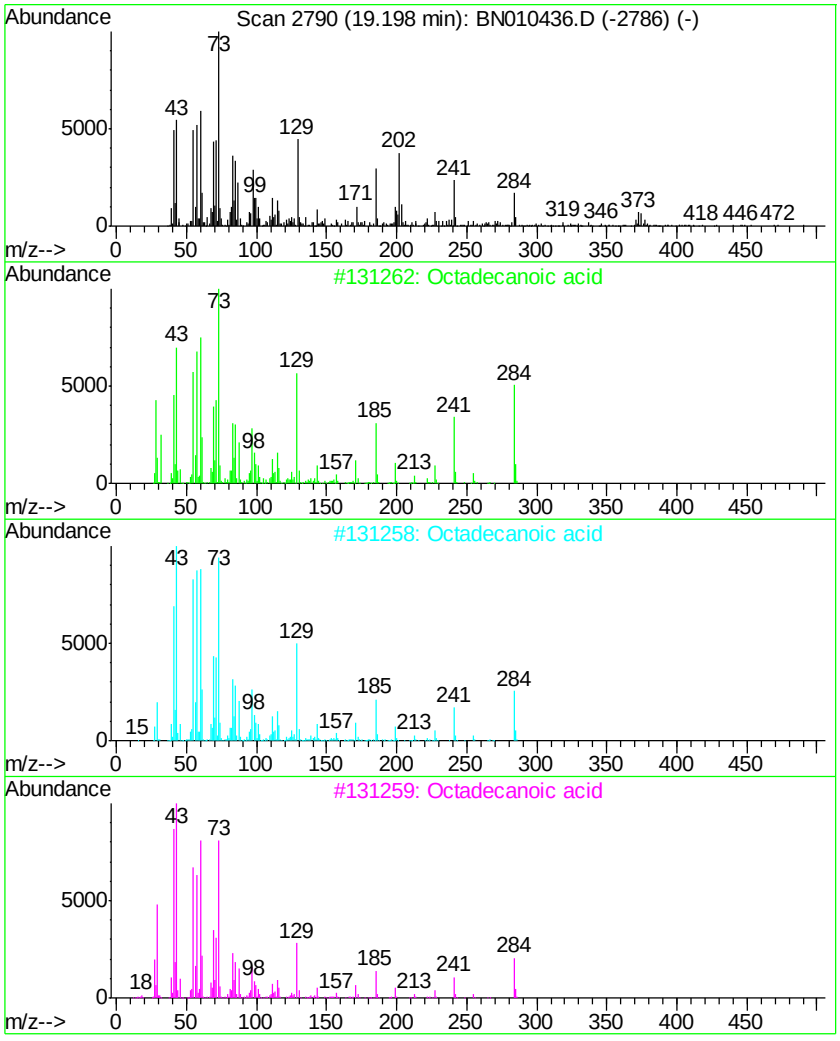
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

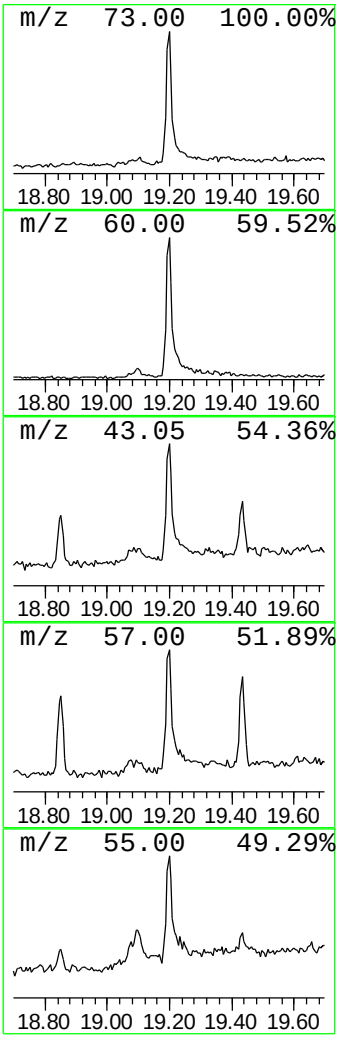
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	3.52 ng/ul	1517390	Chrysene-d12	21.19

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	89
5	Heptadecanoic acid	270	C17H34O2	000506-12-7	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010436.D
Acq On : 08 Apr 2020 18:44
Operator : CG/JU
Sample : L2155-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

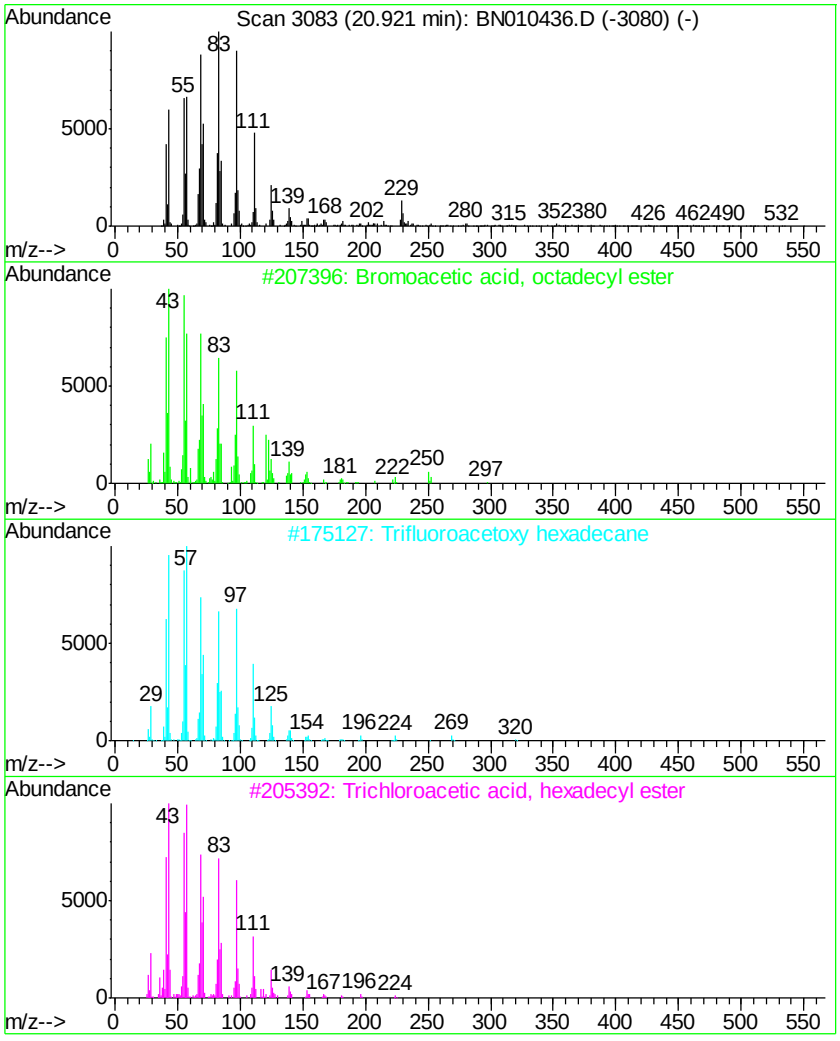
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

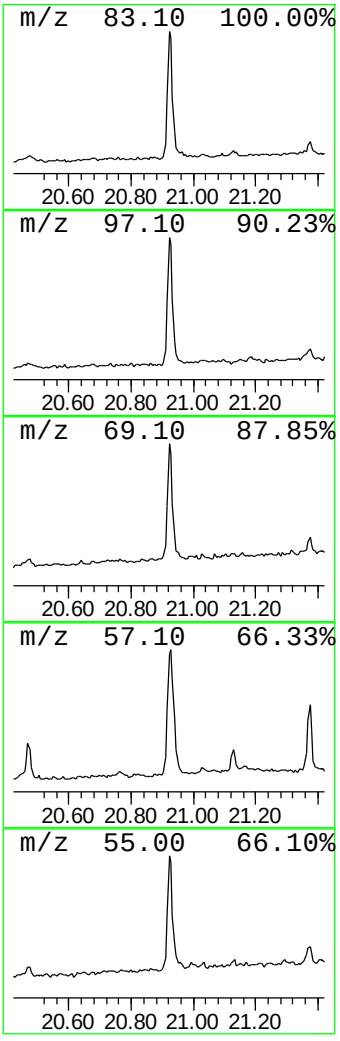
****

Peak Number 6 Bromoacetic acid, octadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.92 ng/ul	2980660	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	81
5	1-Octadecene	252	C18H36	000112-88-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040820\
Data File : BN010436.D
Acq On : 08 Apr 2020 18:44
Operator : CG/JU
Sample : L2155-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.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
(DEL) Alkane: Cyc...	2.89	3.5	ng/ul	489807	1	7.61	2821290	20.0
Butane, 2-methoxy...	2.96	19.6	ng/ul	2767150	1	7.61	2821290	20.0
Palmitoleic acid	17.85	2.5	ng/ul	933287	4	16.98	7331740	20.0
n-Hexadecanoic acid	17.91	9.8	ng/ul	3612370	4	16.98	7331740	20.0
Octadecanoic acid	19.20	3.5	ng/ul	1517390	5	21.19	8617160	20.0
Bromoacetic acid,...	20.92	6.9	ng/ul	2980660	5	21.19	8617160	20.0