LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
Data File : BN012076.D
Acq On : 06 Oct 2020 03:50
Operator : CG/JU
Sample : L4184-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AN7

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-BN100220.M
Title : SVOA CALIBRATION

Signal : TIC: BN012076.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	32	35	43	rVB	100550	133365	1.72%	0.151%
2	3.911	154	157	162	rVB3	22419	27864	0.36%	0.032%
3	4.128	192	194	198	rVB4	9534	10709	0.14%	0.012%
4	4.234	209	212	218	rVV5	10674	17355	0.22%	0.020%
5	4.534	260	263	266	rVB4	5658	8868	0.11%	0.010%
6	4.899	324	325	330	rVB5	7651	8456	0.11%	0.010%
7	6.828	645	653	665	rBV	1532322	2395858	30.84%	2.710%
8	6.999	673	682	691	rBV	1194106	1839450	23.68%	2.081%
9	7.193	708	715	725	rBV	1663831	2585967	33.29%	2.925%
10	7.287	727	731	742	rVB2	31433	53060	0.68%	0.060%
11	7.658	784	794	801	rBV	1172225	1799265	23.16%	2.035%
12	7.722	801	805	810	rVB6	18119	31242	0.40%	0.035%
13	8.358	906	913	923	rBV	1850039	2832577	36.46%	3.204%
14	8.610	950	956	957	rBV6	4252	7844	0.10%	0.009%
15	8.805	981	989	997	rBV	1505426	2393993	30.82%	2.708%
16	8.975	1015	1018	1025	rVB7	6351	11343	0.15%	0.013%
17	9.240	1058	1063	1066	rVB5	12073	17391	0.22%	0.020%
18	9.522	1104	1111	1120	rVV	1251286	2060819	26.53%	2.331%
19	9.746	1146	1149	1155	rVB6	11091	19245	0.25%	0.022%
20	10.052	1191	1201	1214	rBV	1944353	3117622	40.13%	3.526%
21	10.428	1257	1265	1273	rBV	1491608	2467907	31.77%	2.792%
22	10.569	1280	1289	1306	rBV	1698646	2865349	36.88%	3.241%
23	12.022	1531	1536	1543	rVB3	27713	46730	0.60%	0.053%
24	12.563	1624	1628	1632	rBV5	7543	9467	0.12%	0.011%
25	12.646	1638	1642	1645	rBV4	6422	10616	0.14%	0.012%
26	12.904	1681	1686	1692	rVB7	9414	13382	0.17%	0.015%
27	13.128	1720	1724	1730	rVB5	7904	12711	0.16%	0.014%
28	13.193	1730	1735	1739	rBV5	19013	28627	0.37%	0.032%
29	13.522	1786	1791	1793	rBV5	16566	22178	0.29%	0.025%
30	13.710	1816	1823	1827	rBV	3072565	4274189	55.02%	4.835%
31	13.751	1827	1830	1838	rVB	531353	746954	9.61%	0.845%
32	13.987	1861	1870	1881	rBV	3579273	5201913	66.96%	5.884%
33	14.204	1903	1907	1913	rBV7	10758	15363	0.20%	0.017%
34	14.293	1915	1922	1933	rBV	2220287	3238909	41.69%	3.664%
35	14.493	1950	1956	1977	rBV	1239507	1855843	23.89%	2.099%
36	14.722	1989	1995	1999	rBV6	26197	35995	0.46%	0.041%

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Sample : L4184-10
Misc :
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Instrument : BNA_N
ClientSampleId : C0AN7

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-BN100220.M
Title : SVOA CALIBRATION

37	15.122	2057	2063	2067	rBV6	12476	24024	0.31%	0.027%
38	15.163	2067	2070	2075	rVB6	8696	11421	0.15%	0.013%
39	15.292	2085	2092	2106	rBV	4575176	6249285	80.44%	7.069%
40	15.410	2106	2112	2124	rVV	1393903	1887687	24.30%	2.135%
41	15.534	2128	2133	2137	rVB	49580	74911	0.96%	0.085%
42	15.857	2183	2188	2193	rBV6	9036	16417	0.21%	0.019%
43	15.969	2204	2207	2213	rVB7	8683	9402	0.12%	0.011%
44	16.075	2222	2225	2229	rVB4	17514	20616	0.27%	0.023%
45	16.451	2286	2289	2294	rBV6	7587	11618	0.15%	0.013%
46	16.722	2332	2335	2339	rVV5	10044	10482	0.13%	0.012%
47	16.810	2345	2350	2352	rBV4	10587	13854	0.18%	0.016%
48	17.039	2383	2389	2398	rBV	2585163	3668771	47.22%	4.150%
49	17.139	2400	2406	2419	rBV	4763209	6474179	83.34%	7.323%
50	17.339	2437	2440	2445	rVB5	6046	9898	0.13%	0.011%
51	17.392	2445	2449	2453	rBV8	8870	18183	0.23%	0.021%
52	17.716	2500	2504	2509	rVB7	9534	15640	0.20%	0.018%
53	17.945	2538	2543	2553	rBV2	339516	478785	6.16%	0.542%
54	18.663	2661	2665	2668	rBV4	25516	31295	0.40%	0.035%
55	18.704	2668	2672	2676	rVV	50950	55675	0.72%	0.063%
56	18.757	2679	2681	2685	rVB5	8073	8714	0.11%	0.010%
57	18.981	2716	2719	2721	rBV4	10623	14929	0.19%	0.017%
58	19.075	2731	2735	2740	rBV	52903	84556	1.09%	0.096%
59	19.233	2758	2762	2768	rBV3	141619	189513	2.44%	0.214%
60	19.328	2774	2778	2782	rBV	49822	62057	0.80%	0.070%
61	19.439	2791	2797	2805	rBV	5392490	7350594	94.62%	8.315%
62	19.504	2806	2808	2812	rVB4	38066	47009	0.61%	0.053%
63	19.792	2853	2857	2860	rBV	453833	496437	6.39%	0.562%
64	19.833	2860	2864	2872	rVB	971232	1041698	13.41%	1.178%
65	19.969	2883	2887	2890	rBV6	39275	63779	0.82%	0.072%
66	20.004	2890	2893	2898	rVB4	47876	61443	0.79%	0.070%
67	20.380	2951	2957	2962	rBV	247762	335848	4.32%	0.380%
68	20.504	2975	2978	2981	rVB2	98295	94081	1.21%	0.106%
69	20.775	3020	3024	3026	rBV2	215914	228797	2.95%	0.259%
70	20.804	3026	3029	3034	rVB	441446	470286	6.05%	0.532%
71	20.963	3051	3056	3064	rBV	1212660	1605727	20.67%	1.816%
72	21.239	3098	3103	3109	rBV	3234802	3961540	50.99%	4.481%
73	21.404	3128	3131	3134	rBV	191526	194456	2.50%	0.220%
74	21.675	3174	3177	3182	rVB2	220712	258613	3.33%	0.293%
75	21.839	3201	3205	3213	rBV4	184034	346603	4.46%	0.392%
76	22.592	3330	3333	3339	rVB4	216181	298188	3.84%	0.337%

LSC Area Percent Report

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Sample : L4184-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AN7

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-BN100220.M
Title : SVOA CALIBRATION

77	23.304	3448	3454	3467	rVB	4181403	7768804	100.00%	8.788%
78	23.445	3472	3478	3488	rVB2	2250070	4121875	53.06%	4.662%

Sum of corrected areas: 88406116

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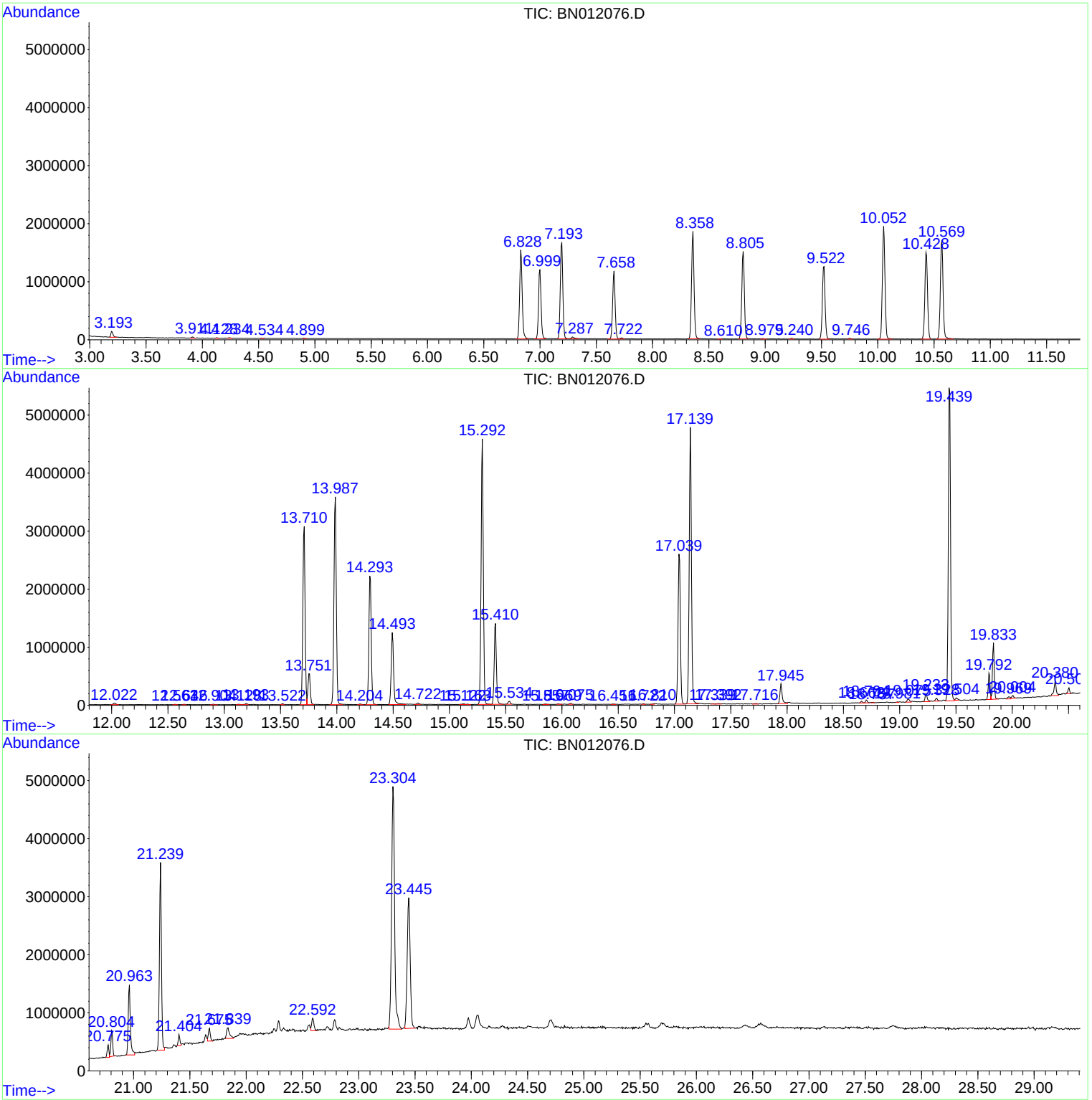
Acq On : 06 Oct 2020 03:50
Operator : CG/JU
Sample : L4184-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

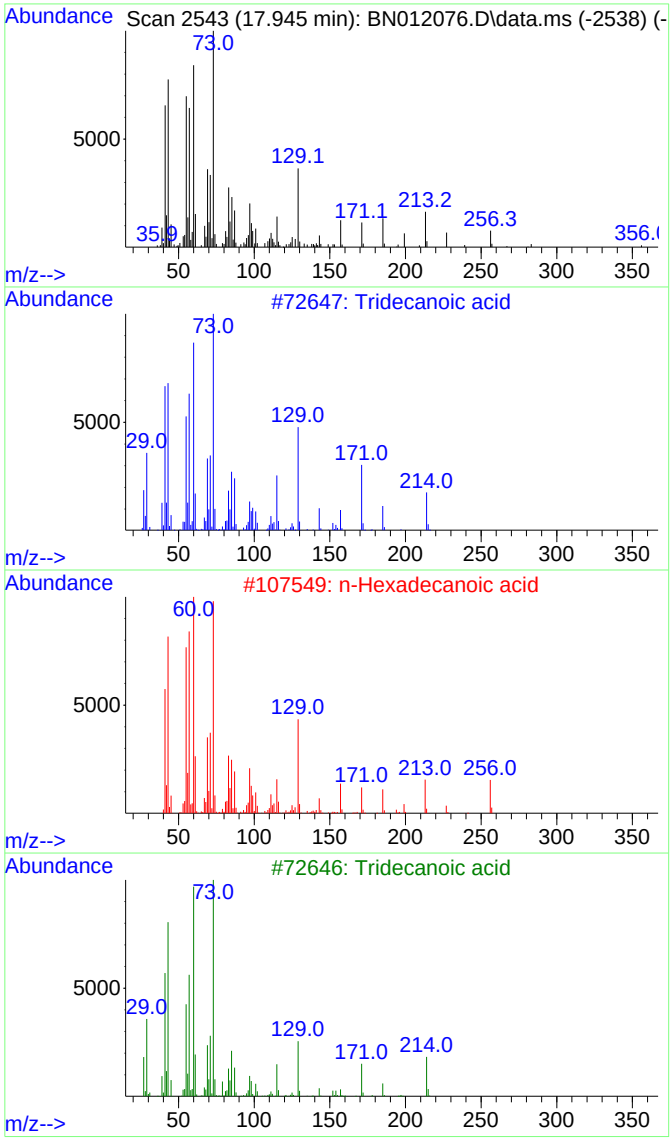
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

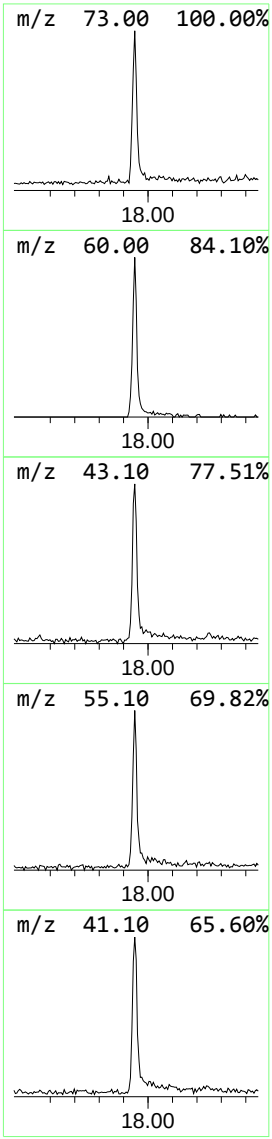
****

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.950	2.61 ng/ul	478785	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Data File : BN012076.D
Acq On : 06 Oct 2020 03:50
Operator : CG/JU
Sample : L4184-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

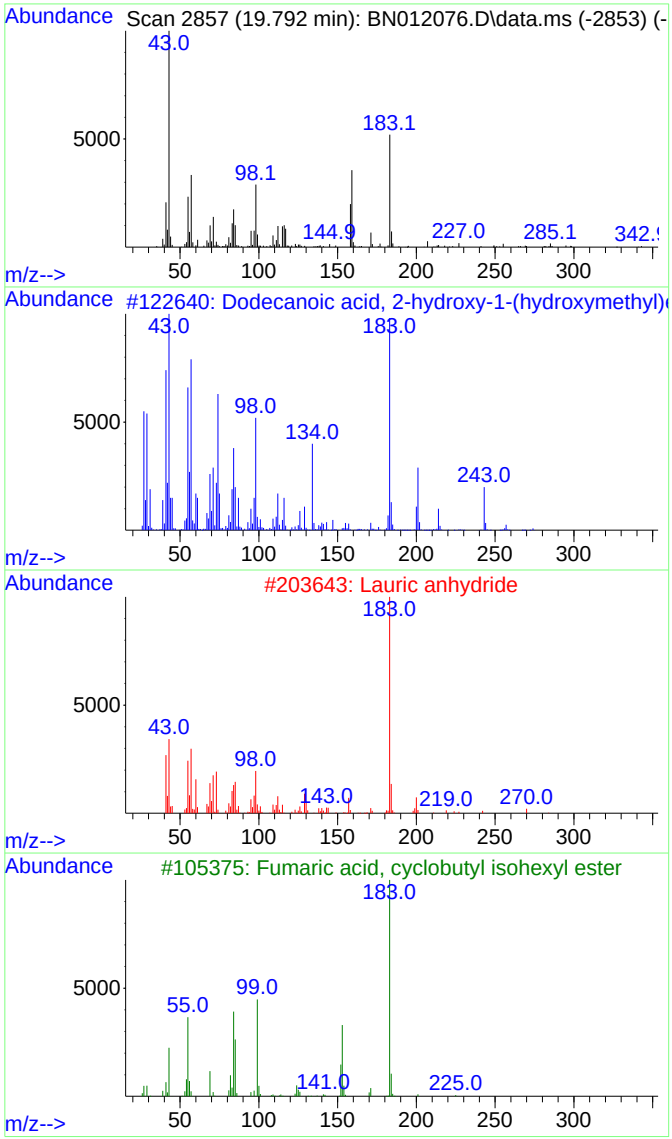
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

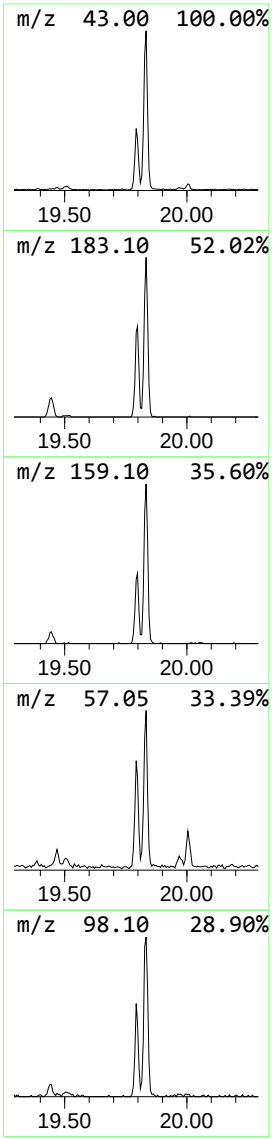
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.790	2.51 ng/ul	496437	Chrysene-d12	21.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	42
2	Lauric anhydride	382	C24H46O3	000645-66-9	38
3	Fumaric acid, cyclobutyl isohexy...	254	C14H22O4	1000345-03-5	35
4	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	30
5	Lauric acid, 3,4-dichlorophenyl ...	344	C18H26Cl2O2	1000357-92-7	27





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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

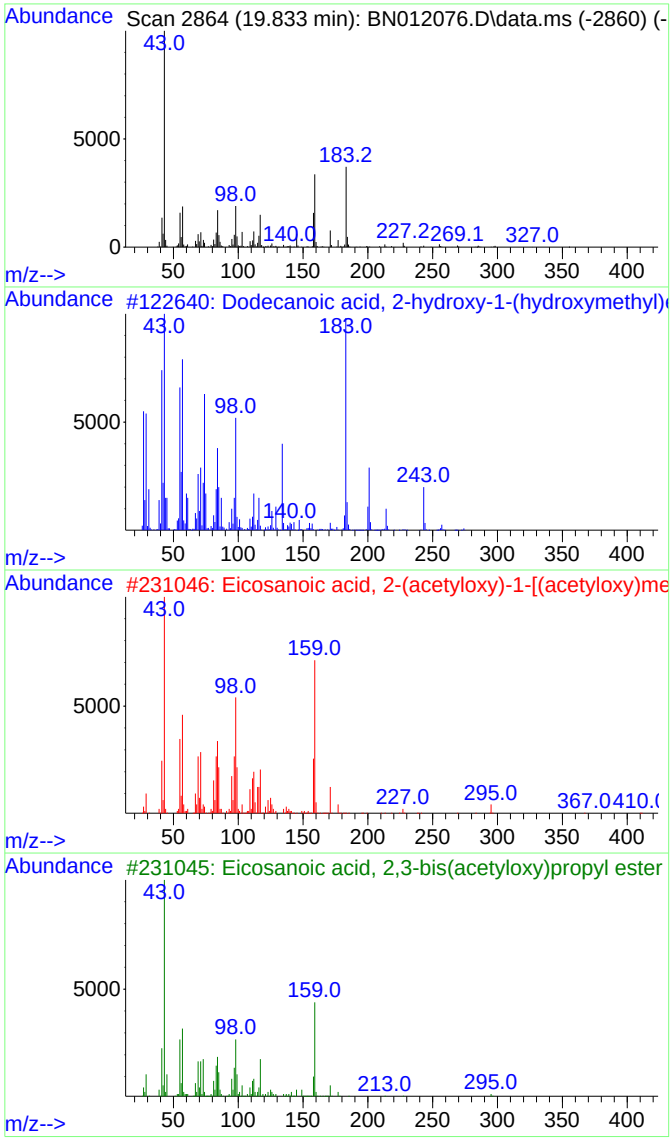
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

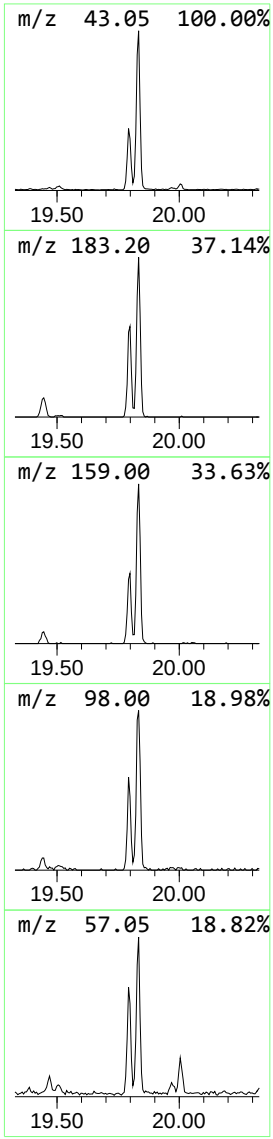
****

Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.830	5.26 ng/ul	1041700	Chrysene-d12	21.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	32
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	27
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	12
4	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	12
5	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	12





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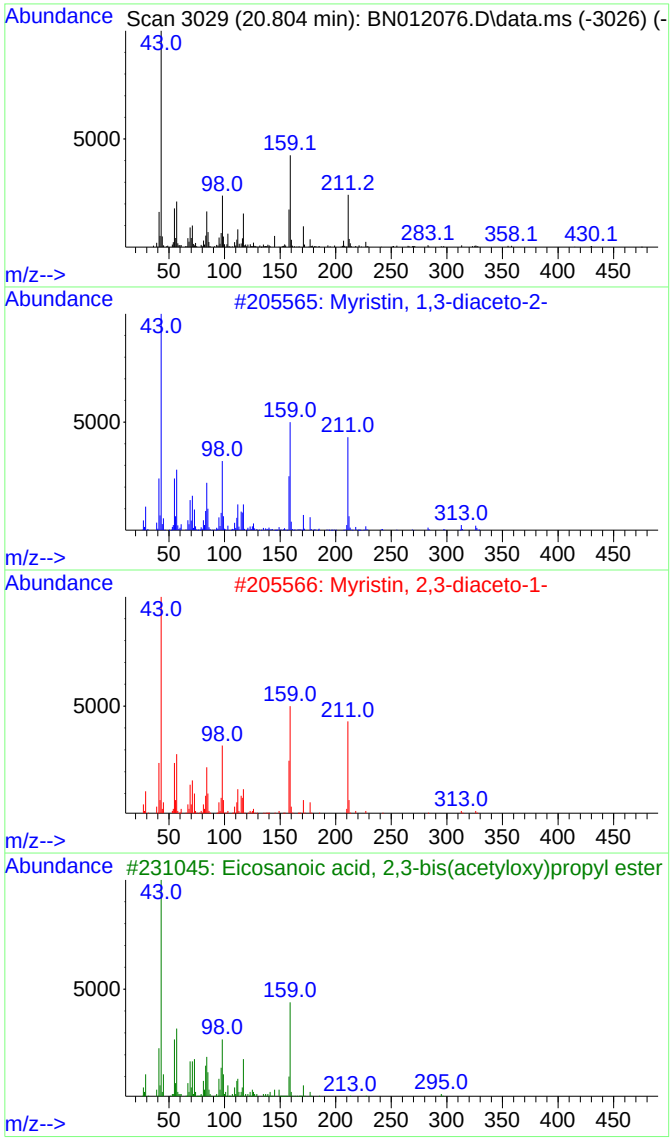
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

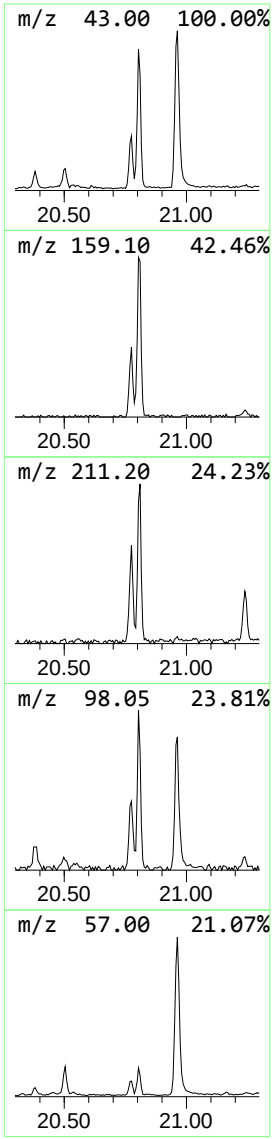
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Myristin, 1,3-diaceto-2- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.800	2.37 ng/ul	470286	Chrysene-d12	21.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	68
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	52
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	45
4	Tetradecanoic acid, 2,3-dihydrox...	302	C17H34O4	000589-68-4	27
5	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	10





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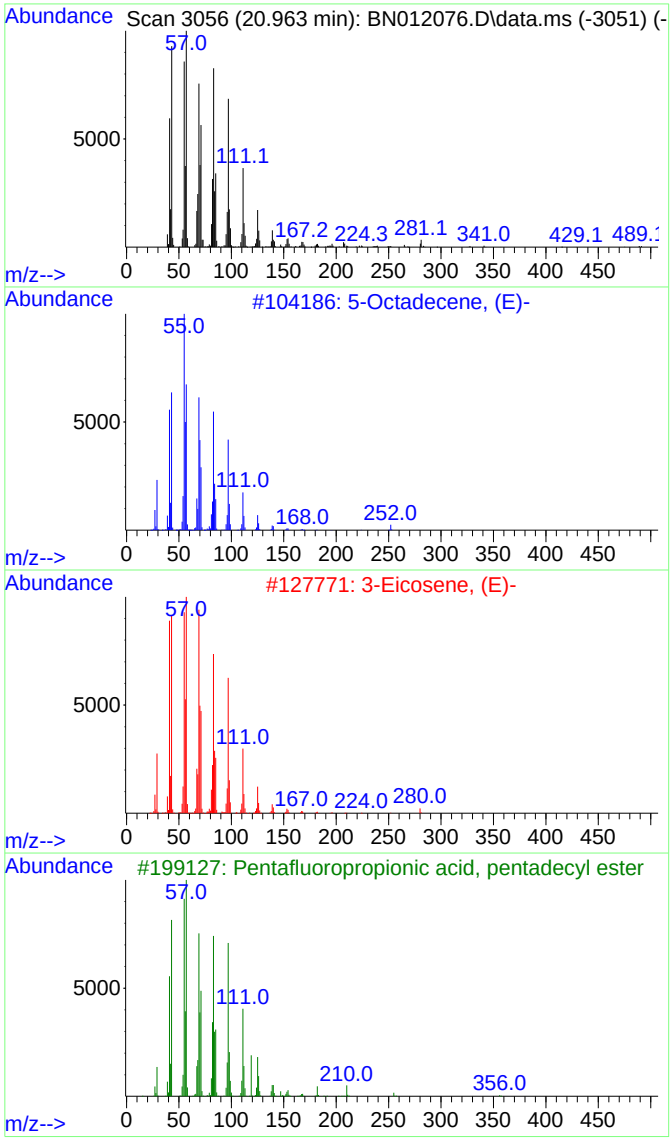
Quant Title : SVOA CALIBRATION

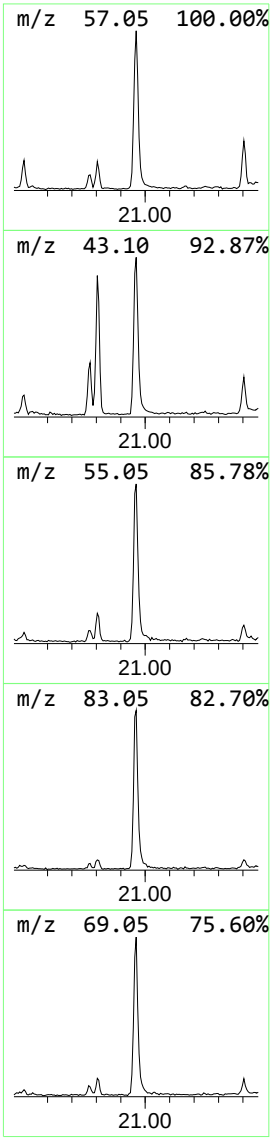
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.960	8.11 ng/ul	1605730	Chrysene-d12	21.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_N
ClientSampleId :
C0AN7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.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
Tridecanoic acid	17.950	2.6	ng/ul	478785	4	17.039	3668770	20.0
unknown-01	19.790	2.5	ng/ul	496437	5	21.239	3961540	20.0
unknown-02	19.830	5.3	ng/ul	1041700	5	21.239	3961540	20.0
Myristin, 1,3-d...	20.800	2.4	ng/ul	470286	5	21.239	3961540	20.0
(DEL) Alkane: S...	20.960	8.1	ng/ul	1605730	5	21.239	3961540	20.0