LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019580.D
Acq On : 29 Mar 2019 15:21
Operator : JU/SJ
Sample : K2085-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X0

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_M\METHODS\SOM-EPA-BM032219MA.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	3.128	21	24	34	rVB3	21698	38517	1.18%	0.130%
2	6.763	637	642	664	rBV2	237512	603927	18.47%	2.038%
3	6.934	666	671	685	rBV	181860	357617	10.94%	1.207%
4	7.116	695	702	716	rBV	268343	489155	14.96%	1.651%
5	7.581	774	781	791	rBV	351223	603676	18.47%	2.037%
6	8.298	896	903	920	rBV	290698	592458	18.12%	1.999%
7	8.751	973	980	995	rBV	234219	449737	13.76%	1.518%
8	9.075	1032	1035	1041	rVB2	9231	11805	0.36%	0.040%
9	9.463	1095	1101	1119	rBV	199499	383726	11.74%	1.295%
10	9.851	1163	1167	1171	rBV3	1546	3368	0.10%	0.011%
11	9.998	1185	1192	1222	rBV	258633	611387	18.70%	2.063%
12	10.357	1245	1253	1267	rBV	540654	928924	28.42%	3.135%
13	10.533	1277	1283	1312	rBV	162484	461080	14.10%	1.556%
14	12.004	1532	1533	1541	rVB4	3232	4482	0.14%	0.015%
15	13.657	1809	1814	1819	rBV	664633	1012046	30.96%	3.415%
16	13.710	1819	1823	1834	rVB	150260	251158	7.68%	0.848%
17	13.933	1854	1861	1872	rBV	790112	1228239	37.57%	4.145%
18	14.239	1906	1913	1924	rBV2	823905	1261774	38.60%	4.258%
19	14.498	1951	1957	1983	rBV2	100973	372587	11.40%	1.257%
20	14.668	1983	1986	1993	rVB4	17176	29829	0.91%	0.101%
21	15.080	2050	2056	2060	rBV2	4613	6620	0.20%	0.022%
22	15.239	2077	2083	2095	rBV	1027004	1548991	47.38%	5.227%
23	15.386	2103	2108	2120	rBV	223065	383443	11.73%	1.294%
24	15.486	2120	2125	2128	rVB3	11327	17177	0.53%	0.058%
25	15.945	2199	2203	2207	rVV4	4292	6405	0.20%	0.022%
26	16.027	2211	2217	2223	rBV3	3751	4777	0.15%	0.016%
27	16.139	2233	2236	2240	rVB3	3038	3392	0.10%	0.011%
28	16.427	2277	2285	2290	rBV4	5246	12273	0.38%	0.041%
29	16.745	2336	2339	2341	rBV	3538	3962	0.12%	0.013%
30	16.780	2343	2345	2351	rVB3	3363	5635	0.17%	0.019%
31	16.998	2376	2382	2392	rBV	1045283	1465083	44.82%	4.944%
32	17.098	2392	2399	2417	rVV	1141503	1759854	53.84%	5.938%
33	17.215	2417	2419	2427	rVB4	2952	4676	0.14%	0.016%
34	17.286	2427	2431	2434	rBV5	2802	4180	0.13%	0.014%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2085-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X0

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_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	17.486	2461	2465	2470	rVB3	4687	7194	0.22%	0.024%
36	17.833	2520	2524	2528	rBV3	4602	6346	0.19%	0.021%
37	17.886	2528	2533	2546	rBV	158954	291963	8.93%	0.985%
38	17.974	2546	2548	2553	rVB5	5359	7075	0.22%	0.024%
39	18.180	2577	2583	2589	rBV3	12193	17077	0.52%	0.058%
40	18.609	2653	2656	2659	rVV4	12642	15626	0.48%	0.053%
41	18.656	2659	2664	2667	rVV2	21208	28858	0.88%	0.097%
42	18.698	2669	2671	2673	rVV3	4766	4355	0.13%	0.015%
43	18.750	2675	2680	2685	rVB9	5747	10352	0.32%	0.035%
44	18.815	2685	2691	2697	rBV7	10236	15087	0.46%	0.051%
45	19.039	2725	2729	2731	rBV2	19824	26789	0.82%	0.090%
46	19.180	2748	2753	2769	rBV2	111097	208699	6.38%	0.704%
47	19.292	2769	2772	2778	rBV2	7958	10517	0.32%	0.035%
48	19.403	2785	2791	2800	rBV2	1605665	2260727	69.16%	7.629%
49	19.568	2816	2819	2823	rBV5	10228	13110	0.40%	0.044%
50	19.739	2844	2848	2851	rBV	318213	352877	10.79%	1.191%
51	19.780	2851	2855	2864	rVB	615732	657955	20.13%	2.220%
52	19.939	2874	2882	2888	rBV9	24218	50802	1.55%	0.171%
53	20.439	2963	2967	2971	rBV3	33663	40553	1.24%	0.137%
54	20.721	3011	3015	3017	rBV	167294	180357	5.52%	0.609%
55	20.750	3017	3020	3025	rVB	269054	301988	9.24%	1.019%
56	20.903	3042	3046	3052	rBV	344123	395165	12.09%	1.333%
57	21.203	3092	3097	3108	rBV	1655387	2152652	65.85%	7.264%
58	21.339	3117	3120	3125	rVB2	80175	90175	2.76%	0.304%
59	21.586	3159	3162	3164	rBV	99816	102782	3.14%	0.347%
60	21.615	3164	3167	3172	rVB	169620	181143	5.54%	0.611%
61	21.768	3189	3193	3196	rBV	98349	124824	3.82%	0.421%
62	22.215	3266	3269	3276	rVB	134358	188085	5.75%	0.635%
63	22.491	3313	3316	3319	rBV2	80646	99816	3.05%	0.337%
64	22.533	3319	3323	3328	rVB	129949	172646	5.28%	0.583%
65	22.709	3349	3353	3358	rVB	165677	244500	7.48%	0.825%
66	23.268	3441	3448	3457	rBV2	1821700	3268951	100.00%	11.031%
67	23.409	3465	3472	3484	rVB	1331309	2535307	77.56%	8.555%
68	23.885	3548	3553	3562	rVB	192693	345856	10.58%	1.167%
69	24.609	3672	3676	3683	rVB2	161099	302550	9.26%	1.021%

Sum of corrected areas: 29634719

LSC Report - Integrated Chromatogram

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Data File : BM019580.D
Acq On : 29 Mar 2019 15:21
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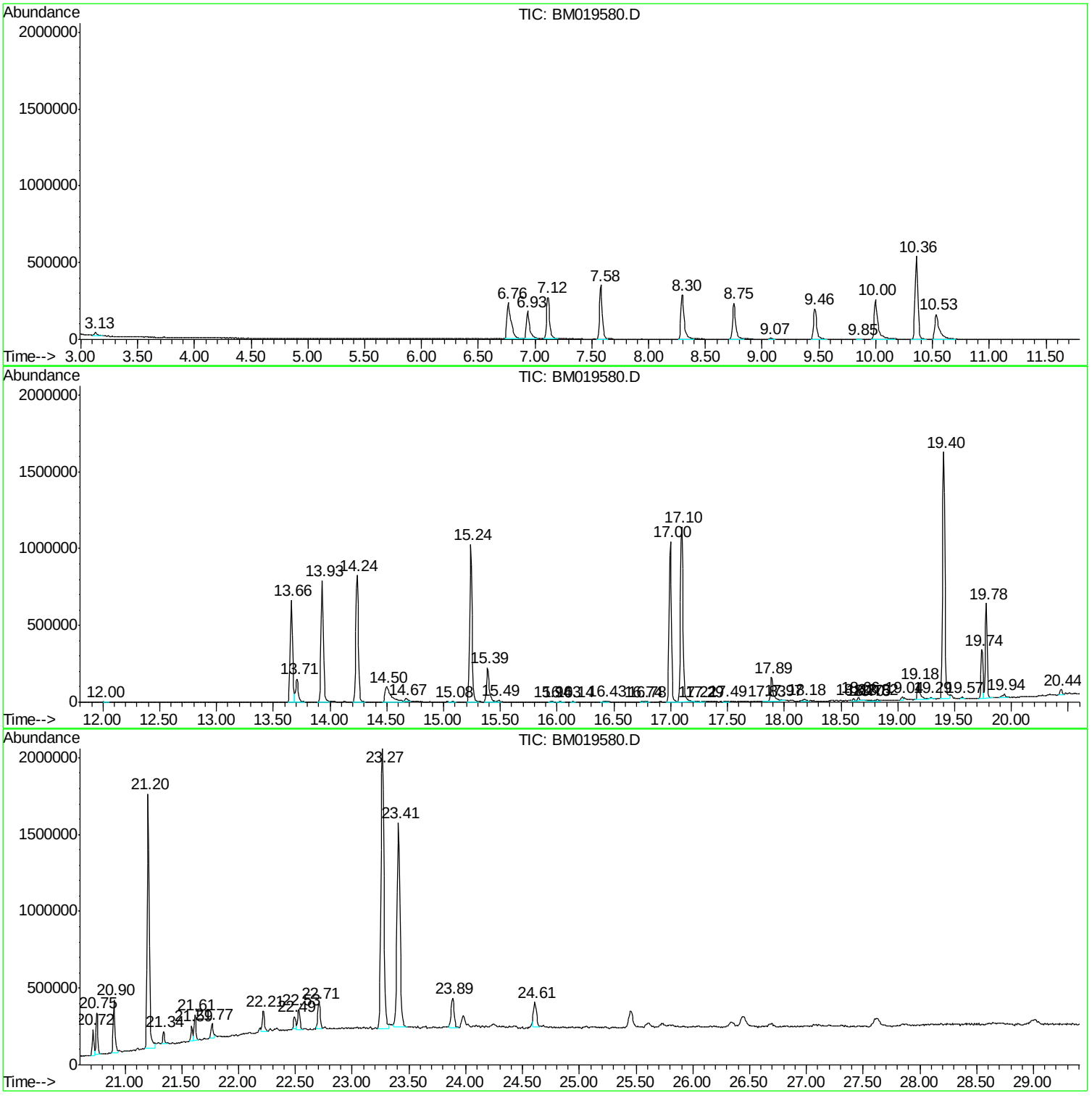
Sample : K2085-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7X0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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_M\DATA\BM032919\
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Instrument : BNA_M
ClientSampleId : BF7X0

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Quant Title : SVOA CALIBRATION

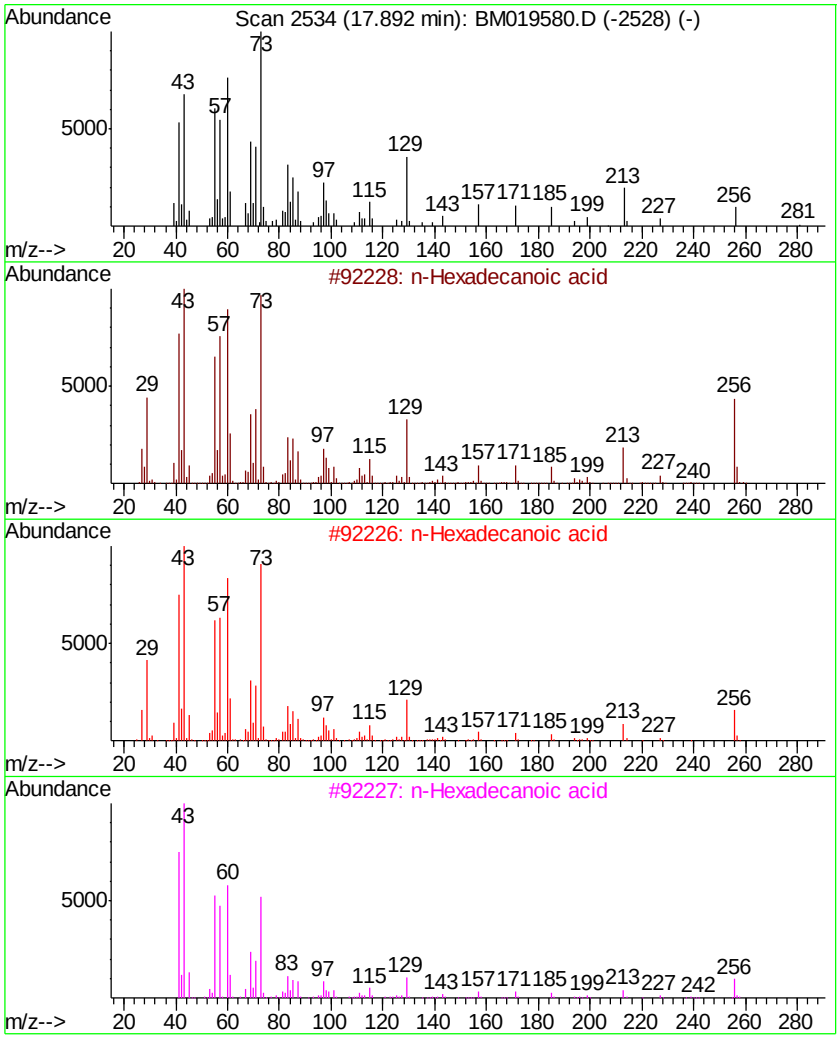
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

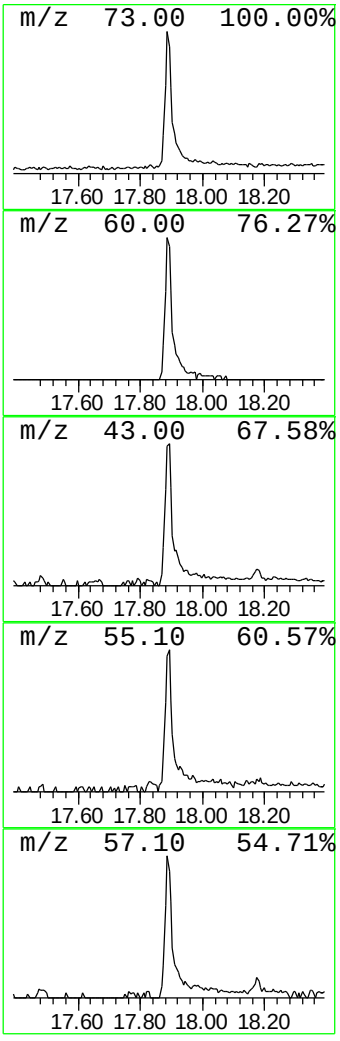
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.99 ng/ul	291963	Phenanthrene-d10	17.00

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019580.D
Acq On : 29 Mar 2019 15:21
Operator : JU/SJ
Sample : K2085-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

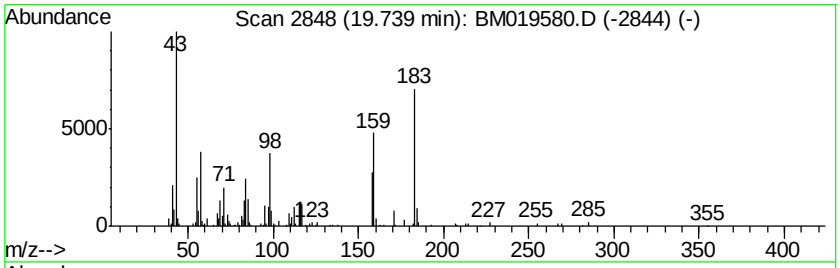
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

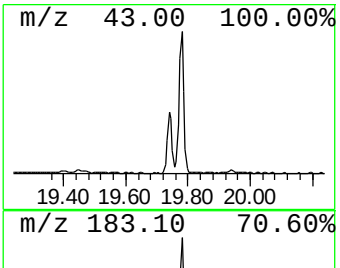
****

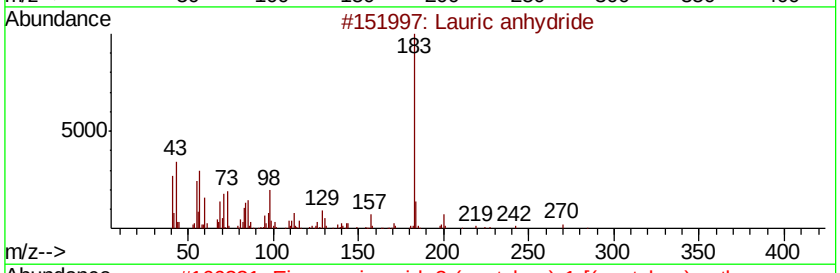
Peak Number 2 unknown-01 Concentration Rank 4

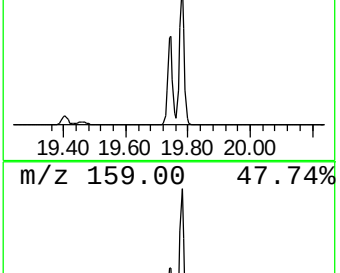
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.28 ng/ul	352877	Chrysene-d12	21.20

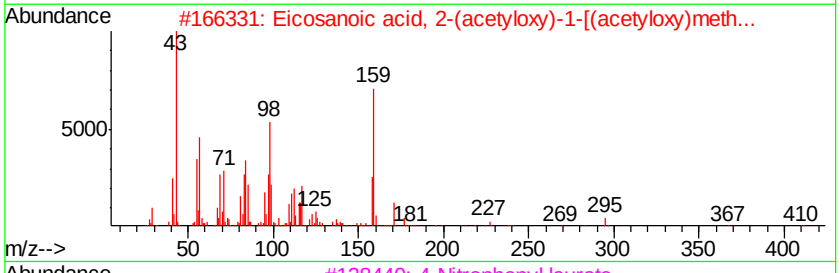
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	35
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	27
3	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	18
4	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	16
5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	16

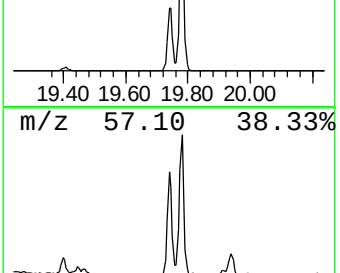


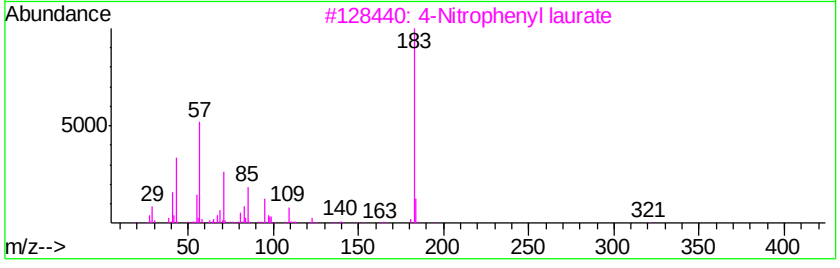


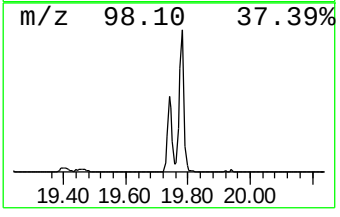












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Instrument : BNA_M
ClientSampleId : BF7X0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

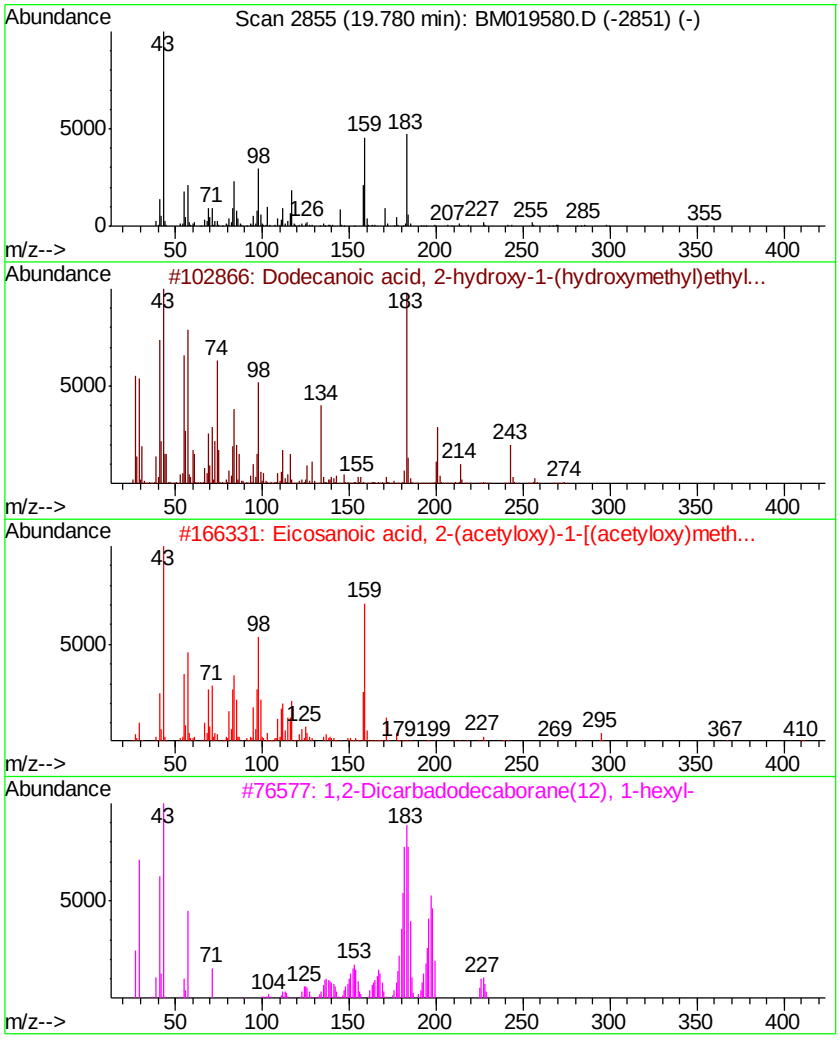
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

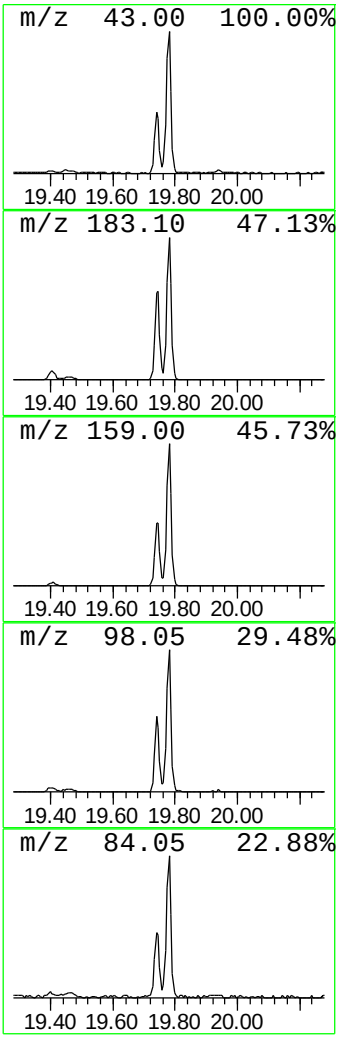
****

Peak Number 3 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	6.11 ng/ul	657955	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	17
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10
3	1,2-Dicarbadodecaborane(12), 1-h...	230	C8H24B10	020740-05-0	10
4	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	10
5	4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9





Library Search Compound Report

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ClientSampleId : BF7X0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

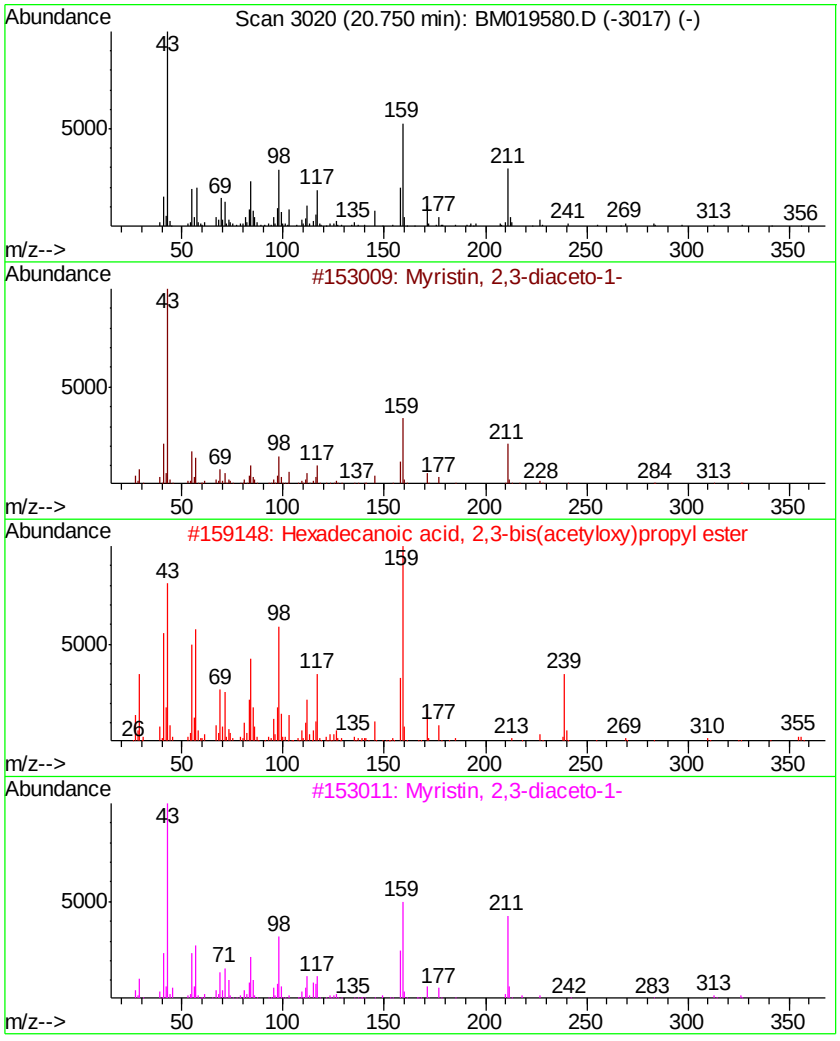
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

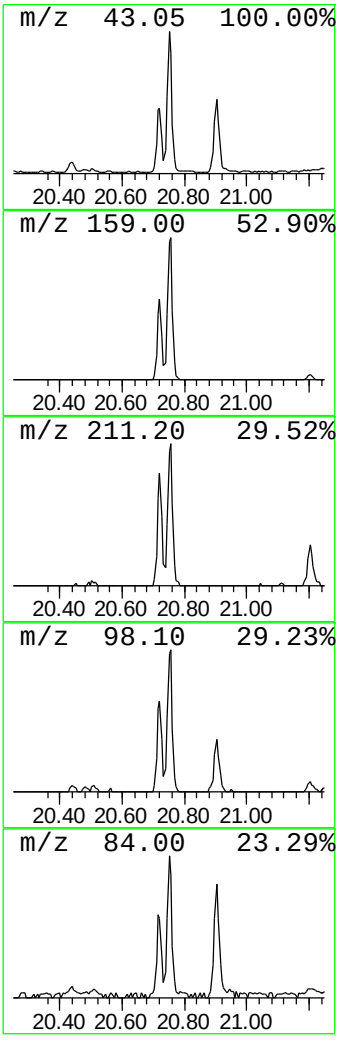
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.81 ng/ul	301988	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	87
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	68
3	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	68
4	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	68
5	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	32





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Data File : BM019580.D
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Operator : JU/SJ
Sample : K2085-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

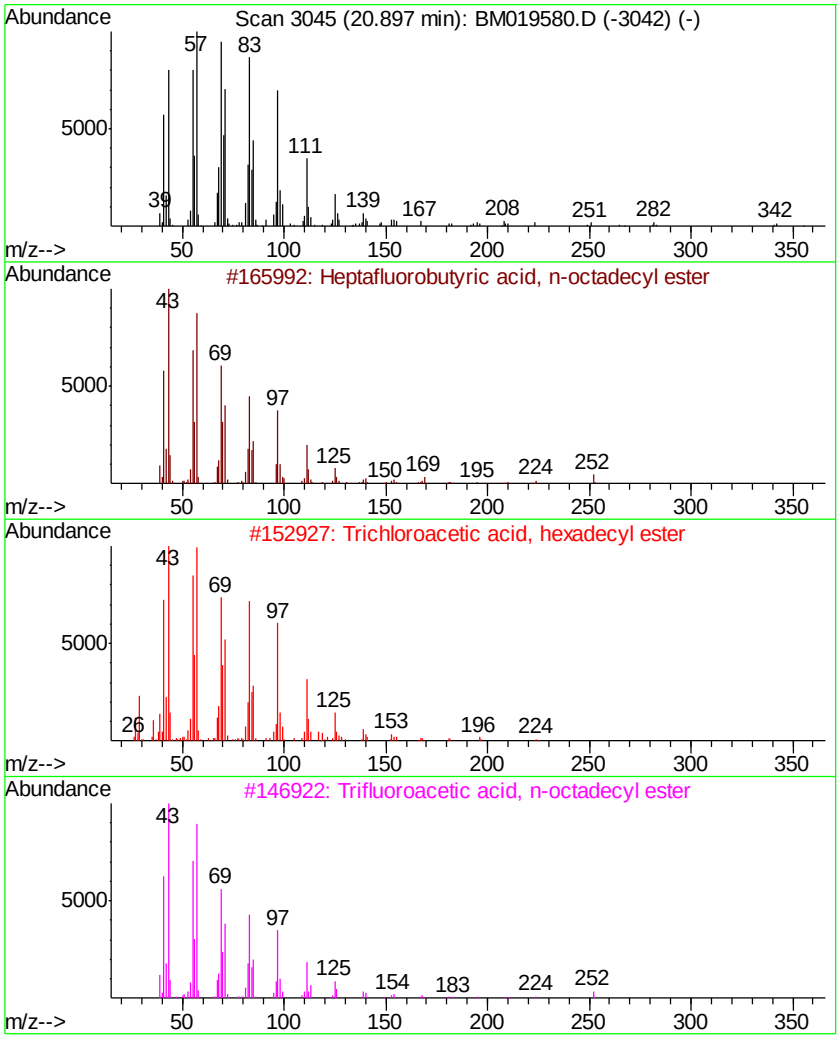
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

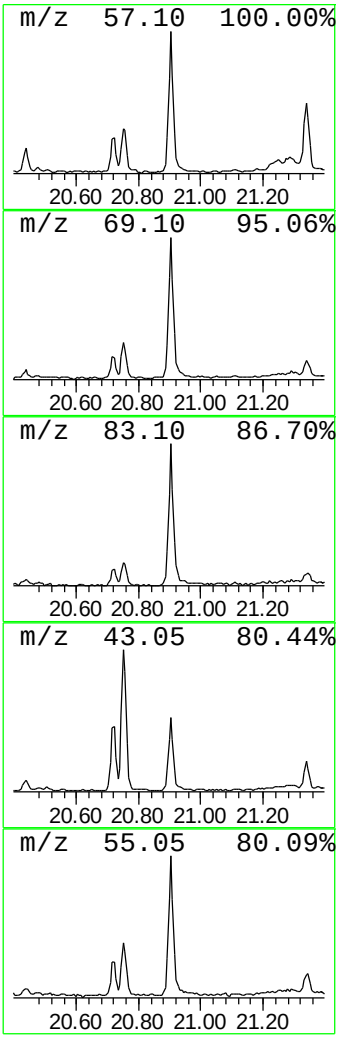
****

Peak Number 5 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.67 ng/ul	395165	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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Data File : BM019580.D
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Operator : JU/SJ
Sample : K2085-03
Misc :
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Instrument : BNA_M
ClientSampleId : BF7X0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

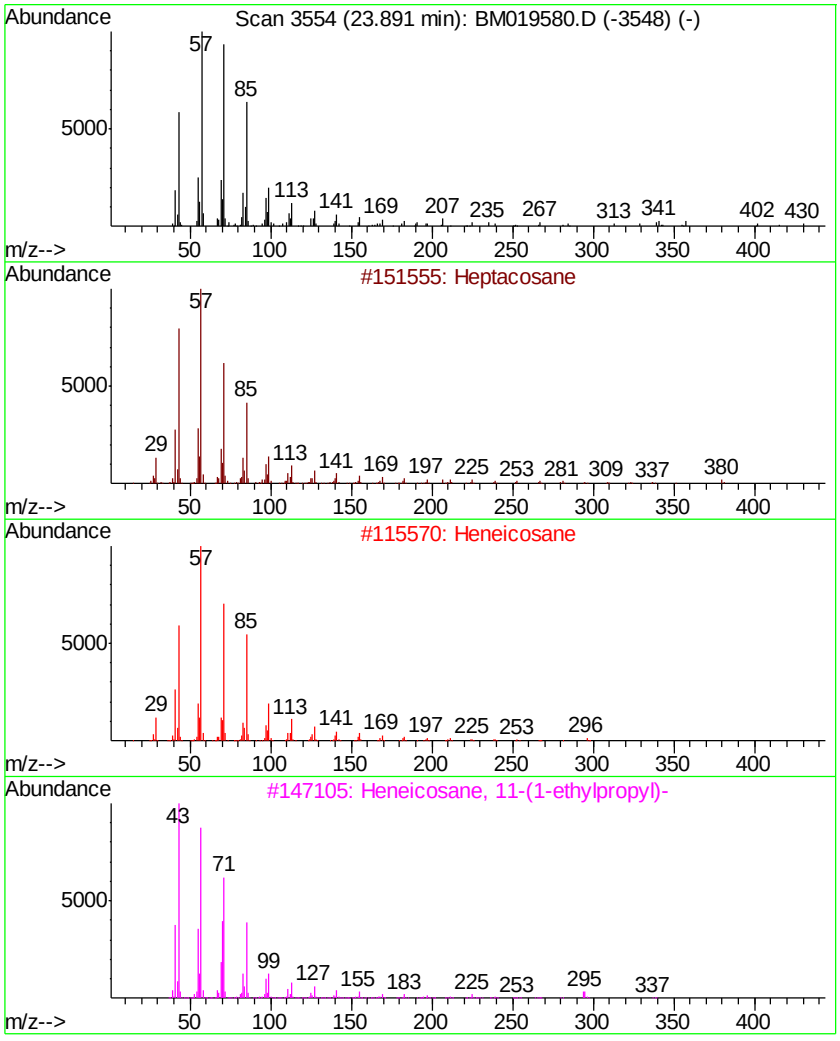
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

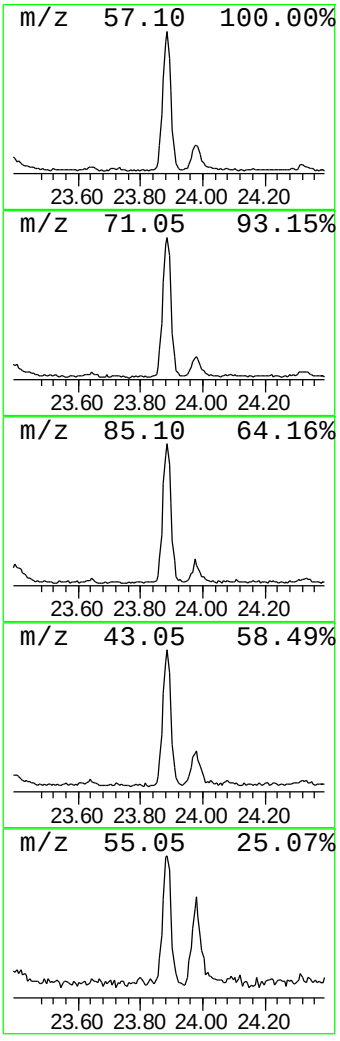
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.73 ng/ul	345856	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019580.D
Acq On : 29 Mar 2019 15:21
Operator : JU/SJ
Sample : K2085-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

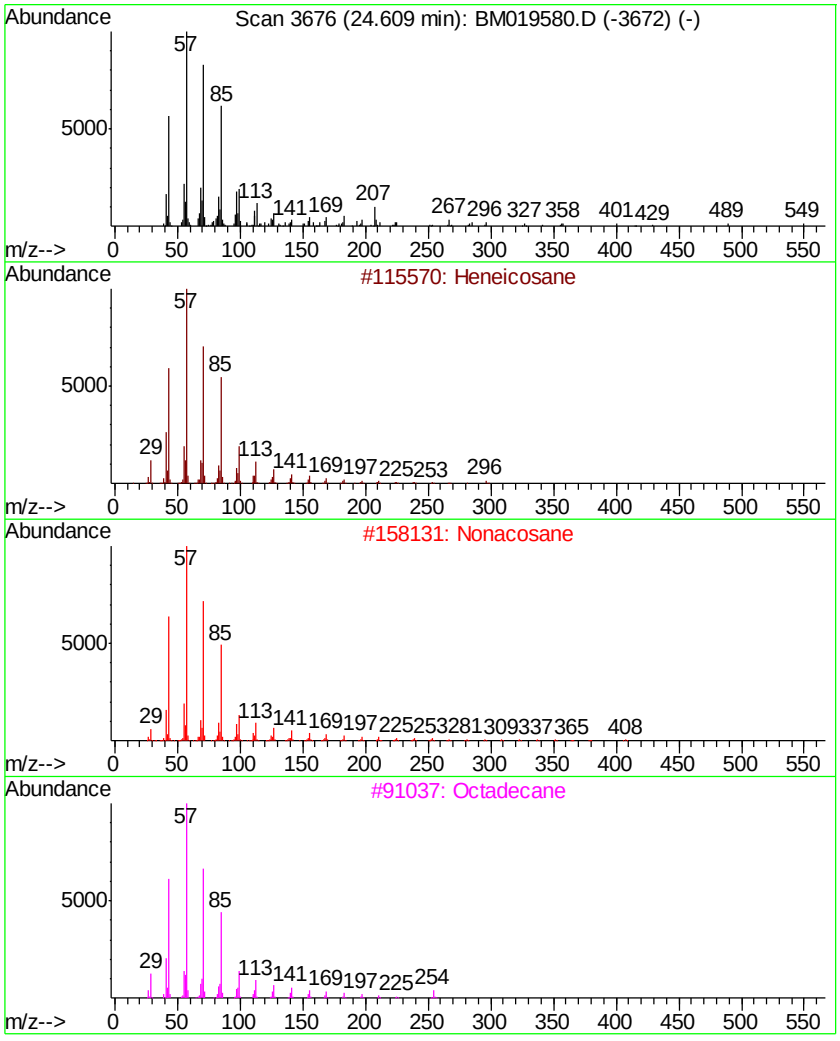
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

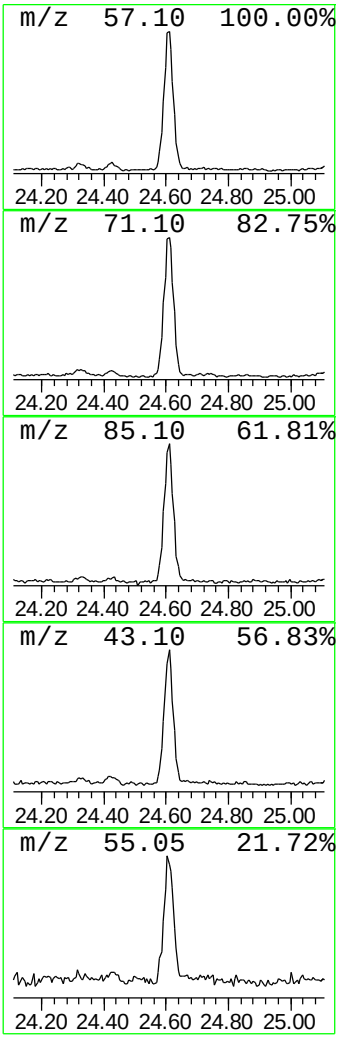
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	2.39 ng/ul	302550	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Nonacosane	408	C29H60	000630-03-5	83
3	Octadecane	254	C18H38	000593-45-3	83
4	Tetratriacontane	479	C34H70	014167-59-0	83
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019580.D
Acq On : 29 Mar 2019 15:21
Operator : JU/SJ
Sample : K2085-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
n-Hexadecanoic acid	17.89	4.0	ng/ul	291963	4	17.00	1465080	20.0
unknown-01	19.74	3.3	ng/ul	352877	5	21.20	2152650	20.0
unknown-02	19.78	6.1	ng/ul	657955	5	21.20	2152650	20.0
Myristin, 2,3-dia...	20.75	2.8	ng/ul	301988	5	21.20	2152650	20.0
Heptafluorobutyri...	20.90	3.7	ng/ul	395165	5	21.20	2152650	20.0
(DEL) Alkane: Str...	23.89	2.7	ng/ul	345856	6	23.41	2535310	20.0
(DEL) Alkane: Str...	24.61	2.4	ng/ul	302550	6	23.41	2535310	20.0