LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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	3.122	20	23	37	rVB	30096	49727	1.81%	0.152%
2	3.716	120	124	130	rVB	15826	26868	0.98%	0.082%
3	3.816	137	141	145	rBV3	11515	15599	0.57%	0.048%
4	4.716	289	294	297	rBV	19801	27384	1.00%	0.084%
5	4.751	297	300	306	rVB	11669	19561	0.71%	0.060%
6	6.757	635	641	656	rBV	298566	609518	22.15%	1.869%
7	6.922	664	669	685	rBV	263234	488410	17.75%	1.498%
8	7.104	694	700	714	rVB	395767	658409	23.93%	2.019%
9	7.569	772	779	788	rBV	682735	1124569	40.88%	3.448%
10	7.639	788	791	797	rVB3	9433	16893	0.61%	0.052%
11	7.892	829	834	836	rBV4	1931	2911	0.11%	0.009%
12	8.286	894	901	920	rBV	365853	711951	25.88%	2.183%
13	8.422	920	924	931	rVB3	6145	12015	0.44%	0.037%
14	8.739	972	978	988	rBV	330663	583883	21.22%	1.790%
15	9.063	1029	1033	1038	rVB2	14335	19911	0.72%	0.061%
16	9.451	1093	1099	1109	rBV	223203	419963	15.26%	1.288%
17	9.986	1184	1190	1213	rBV	300556	722320	26.25%	2.215%
18	10.345	1243	1251	1264	rBV	1011909	1685472	61.26%	5.168%
19	10.533	1276	1283	1300	rBV3	54659	172133	6.26%	0.528%
20	11.927	1514	1520	1525	rBV3	3050	5190	0.19%	0.016%
21	11.986	1525	1530	1535	rVB3	4126	7750	0.28%	0.024%
22	13.021	1702	1706	1712	rBV5	3579	6165	0.22%	0.019%
23	13.651	1807	1813	1818	rBV	680086	1003956	36.49%	3.078%
24	13.698	1818	1821	1832	rVB	247135	363843	13.22%	1.116%
25	13.921	1852	1859	1878	rBV	969269	1456720	52.95%	4.467%
26	14.115	1888	1892	1896	rBV3	4602	5957	0.22%	0.018%
27	14.227	1905	1911	1925	rBV2	1497506	2335635	84.89%	7.162%
28	14.504	1952	1958	1985	rBV3	49928	216511	7.87%	0.664%
29	15.021	2042	2046	2051	rVB	8974	10396	0.38%	0.032%
30	15.074	2051	2055	2059	rVB3	5621	7973	0.29%	0.024%
31	15.233	2075	2082	2095	rBV	1244083	1898056	68.99%	5.820%
32	15.386	2103	2108	2118	rBV	87127	155600	5.66%	0.477%
33	15.480	2118	2124	2129	rVB3	13153	21772	0.79%	0.067%
34	15.939	2197	2202	2208	rBV4	5971	13294	0.48%	0.041%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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	16.015	2212	2215	2219	rVV4	3784	4690	0.17%	0.014%
36	16.192	2241	2245	2247	rBV3	2953	2860	0.10%	0.009%
37	16.733	2333	2337	2341	rBV4	7024	9660	0.35%	0.030%
38	16.780	2341	2345	2350	rVB3	8522	12543	0.46%	0.038%
39	16.909	2364	2367	2372	rVB5	3172	3947	0.14%	0.012%
40	16.986	2374	2380	2392	rVV2	1848401	2672473	97.14%	8.194%
41	17.086	2392	2397	2413	rVB2	1312728	1971647	71.66%	6.046%
42	17.280	2425	2430	2434	rBV2	15396	22912	0.83%	0.070%
43	17.327	2434	2438	2442	rVV	29133	36466	1.33%	0.112%
44	17.374	2445	2446	2451	rVB3	2393	3155	0.11%	0.010%
45	17.474	2457	2463	2469	rBV5	8597	19579	0.71%	0.060%
46	17.651	2490	2493	2496	rBV5	3423	5539	0.20%	0.017%
47	17.880	2527	2532	2542	rBV5	18568	41074	1.49%	0.126%
48	17.962	2542	2546	2551	rVV	28166	37005	1.35%	0.113%
49	18.168	2577	2581	2584	rBV3	12950	17743	0.64%	0.054%
50	18.427	2621	2625	2628	rBV5	4373	6514	0.24%	0.020%
51	18.539	2641	2644	2646	rBV3	3655	4992	0.18%	0.015%
52	18.603	2650	2655	2658	rVV3	22476	29431	1.07%	0.090%
53	18.645	2658	2662	2666	rVV	52865	58841	2.14%	0.180%
54	18.756	2677	2681	2685	rBV5	7137	9713	0.35%	0.030%
55	18.809	2686	2690	2693	rBV2	14900	16783	0.61%	0.051%
56	18.956	2713	2715	2717	rBV3	4027	4180	0.15%	0.013%
57	19.033	2724	2728	2731	rBV3	14519	18962	0.69%	0.058%
58	19.174	2749	2752	2759	rBV6	9348	16623	0.60%	0.051%
59	19.280	2767	2770	2774	rBV3	11511	16784	0.61%	0.051%
60	19.397	2784	2790	2806	rBV	1618975	2231978	81.13%	6.844%
61	19.645	2828	2832	2834	rBV5	6859	9982	0.36%	0.031%
62	19.733	2843	2847	2850	rBV	261013	279125	10.15%	0.856%
63	19.774	2850	2854	2859	rVB	620557	669708	24.34%	2.053%
64	19.927	2878	2880	2884	rVB2	32795	33729	1.23%	0.103%
65	20.427	2962	2965	2969	rBV2	52317	61763	2.24%	0.189%
66	20.709	3010	3013	3016	rBV	104910	118658	4.31%	0.364%
67	20.744	3016	3019	3023	rVB	247327	251939	9.16%	0.773%
68	20.897	3040	3045	3052	rBV3	274044	405055	14.72%	1.242%
69	21.103	3077	3080	3084	rVB	102159	102704	3.73%	0.315%
70	21.197	3091	3096	3107	rBV	2141322	2751212	100.00%	8.436%
71	21.333	3116	3119	3128	rBV	118629	157724	5.73%	0.484%

LSC Area Percent Report

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Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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

72	21.580	3158	3161	3163	rBV2	60822	70051	2.55%	0.215%
73	21.609	3163	3166	3170	rVB	115024	127850	4.65%	0.392%
74	21.756	3188	3191	3195	rBV	148702	185069	6.73%	0.567%
75	22.209	3264	3268	3272	rVB	180312	215515	7.83%	0.661%
76	22.697	3348	3351	3356	rVB	197260	265937	9.67%	0.815%
77	23.256	3440	3446	3455	rBV2	1099840	2073800	75.38%	6.359%
78	23.397	3464	3470	3480	rVB2	1298273	2414480	87.76%	7.403%
79	23.874	3547	3551	3558	rVB	145496	266456	9.69%	0.817%

Sum of corrected areas: 32613166

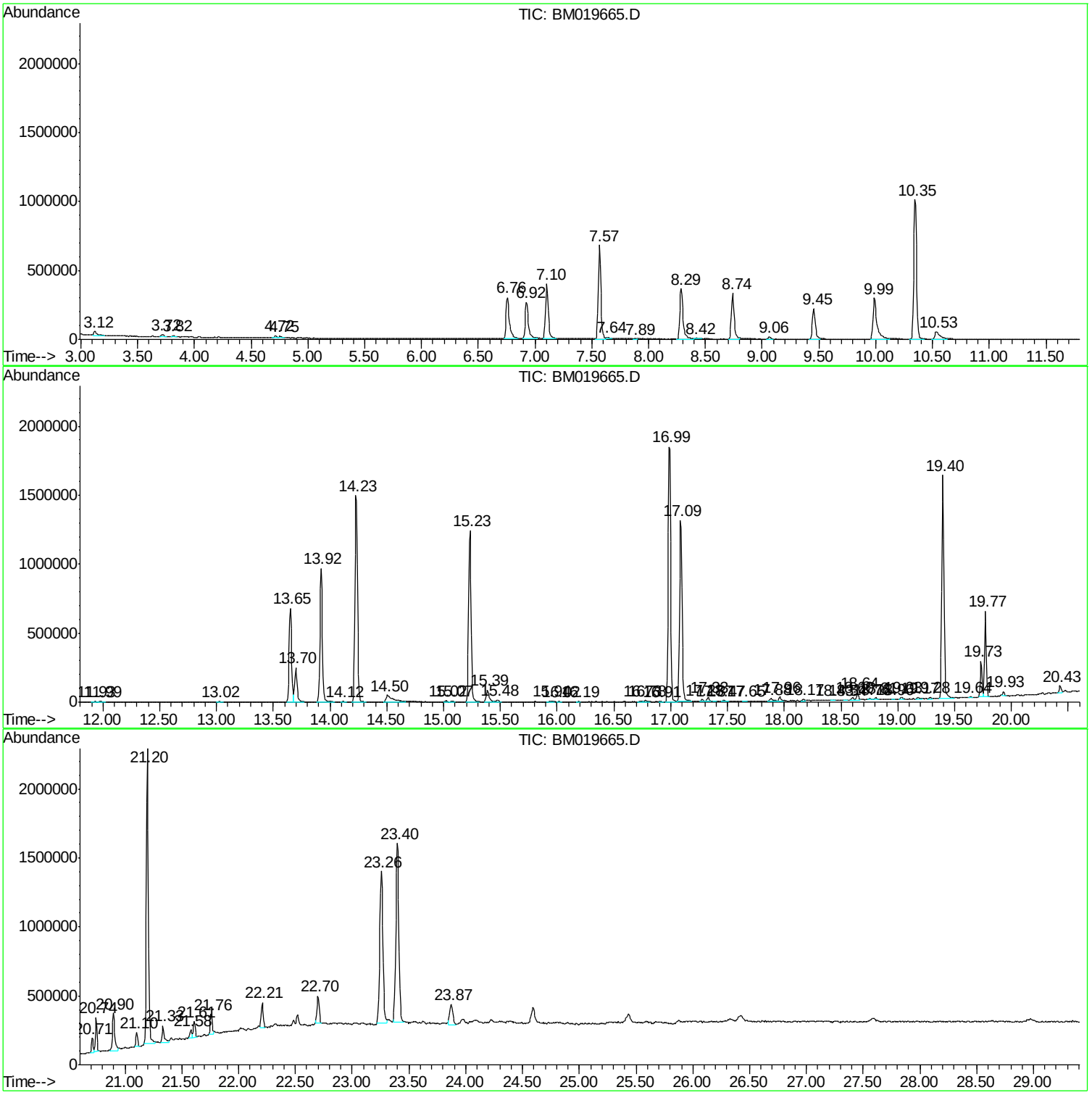
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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

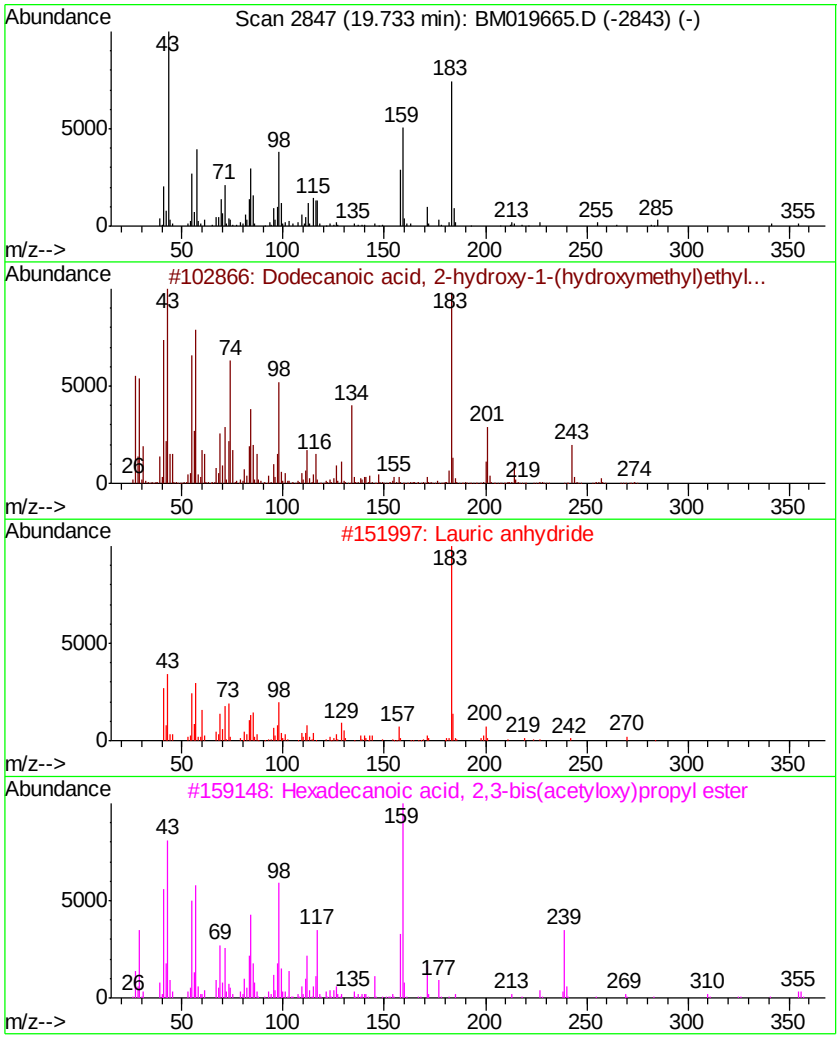
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

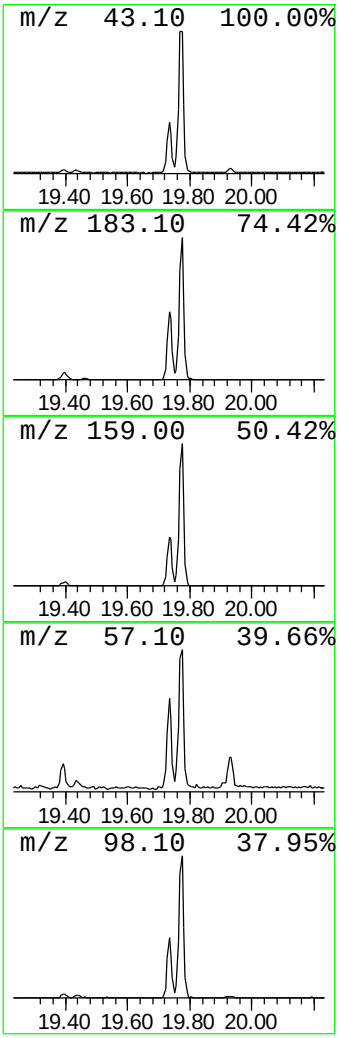
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.03 ng/ul	279125	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	40
2	Lauric anhydride	382	C24H46O3	000645-66-9	37
3	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	32
4	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	30
5	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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

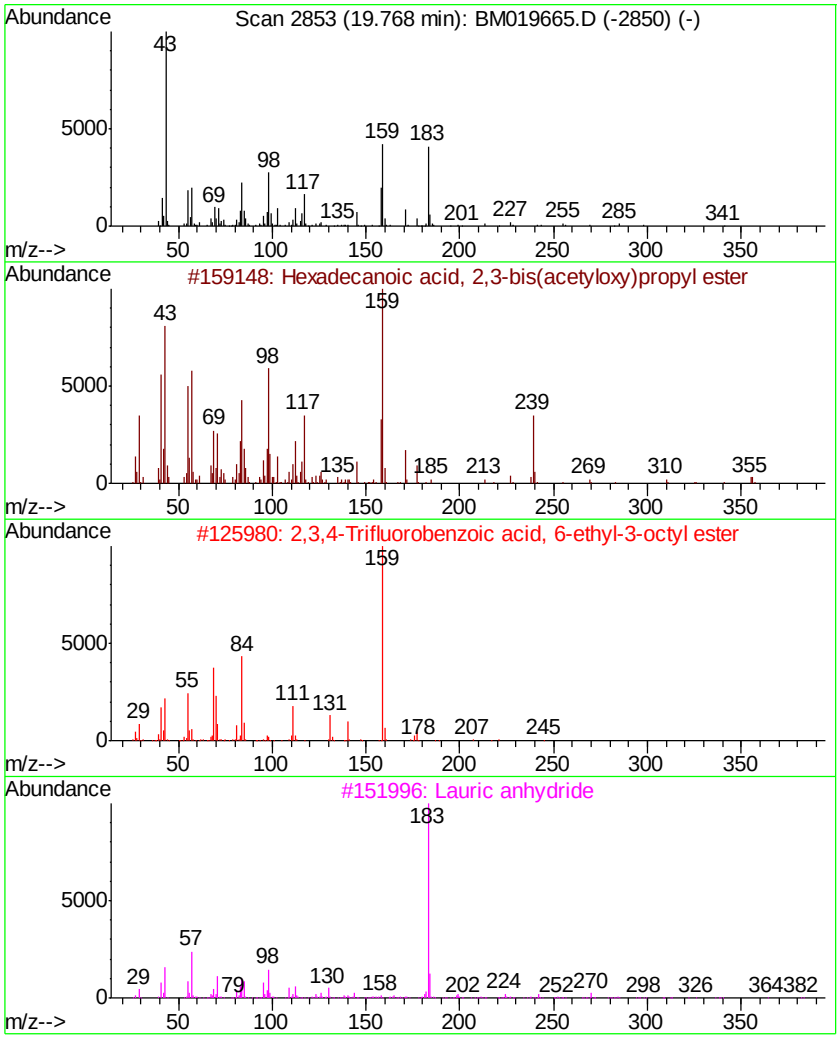
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

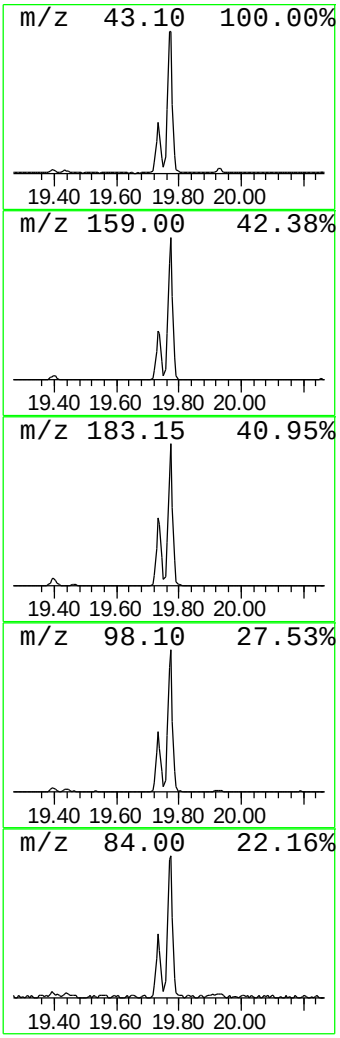
****

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	4.87 ng/ul	669708	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	35
2	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14
3	Lauric anhydride	382	C24H46O3	000645-66-9	14
4	Lauric anhydride	382	C24H46O3	000645-66-9	12
5	2,3,4-Trifluorobenzoic acid, 4-h...	400	C23H35F3O2	1000283-00-8	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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

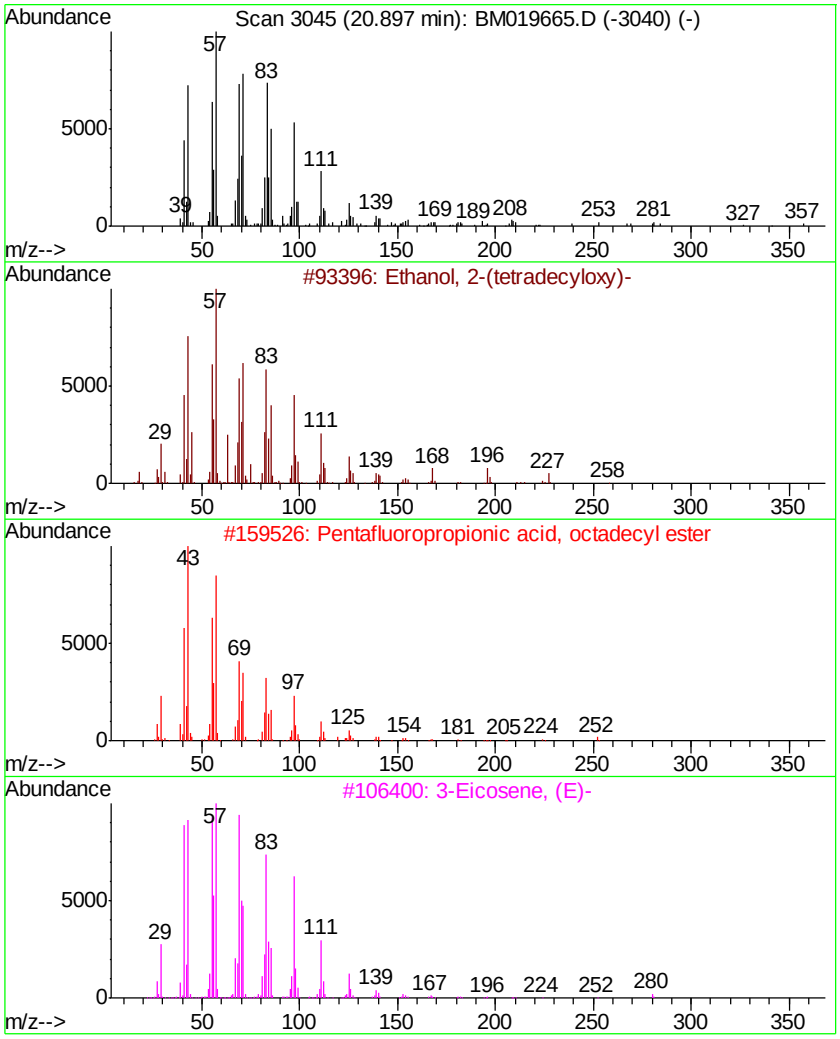
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

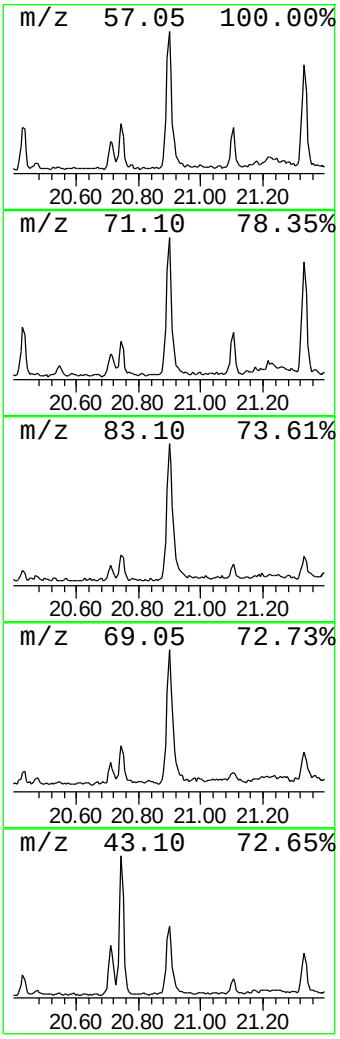
****

Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.94 ng/ul	405055	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	87
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	80
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74
5	1-Tricosene	322	C23H46	018835-32-0	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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

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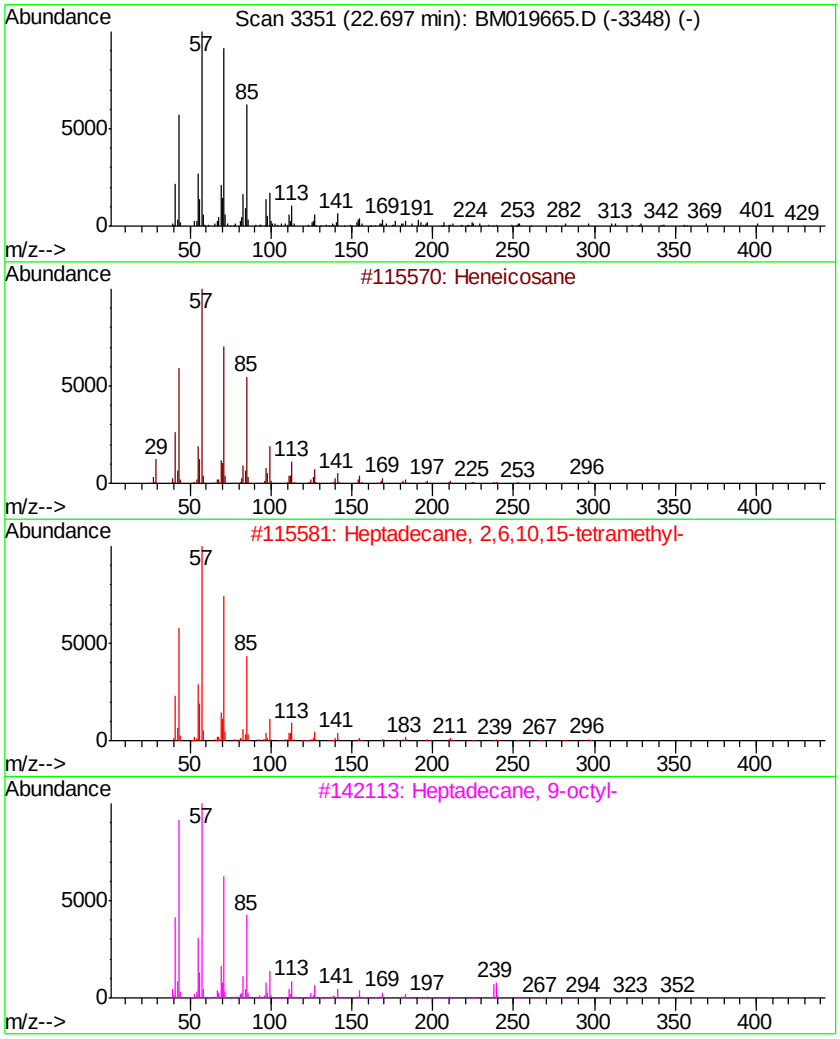
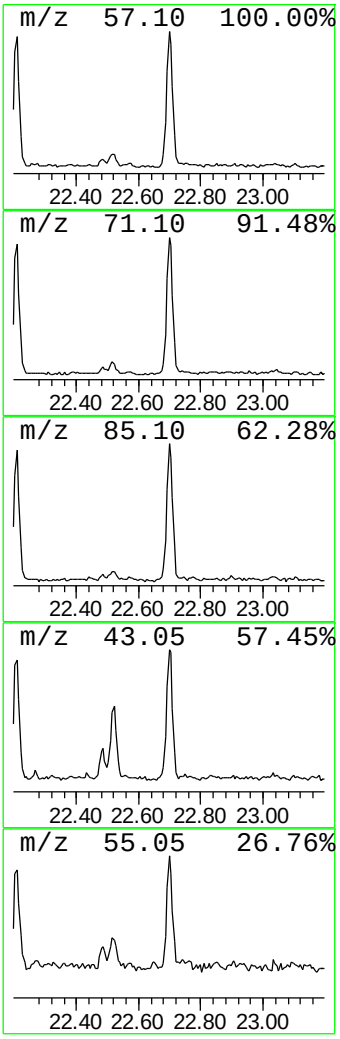
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.20 ng/ul	265937	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Docosane	310	C22H46	000629-97-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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

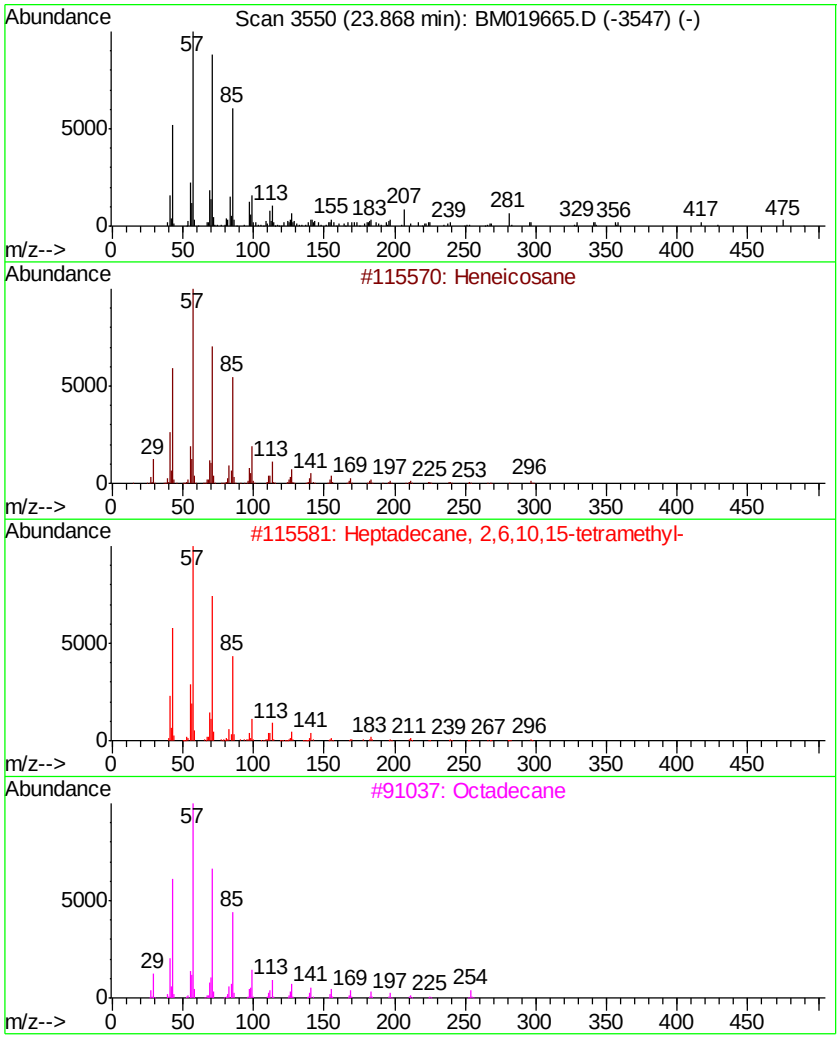
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

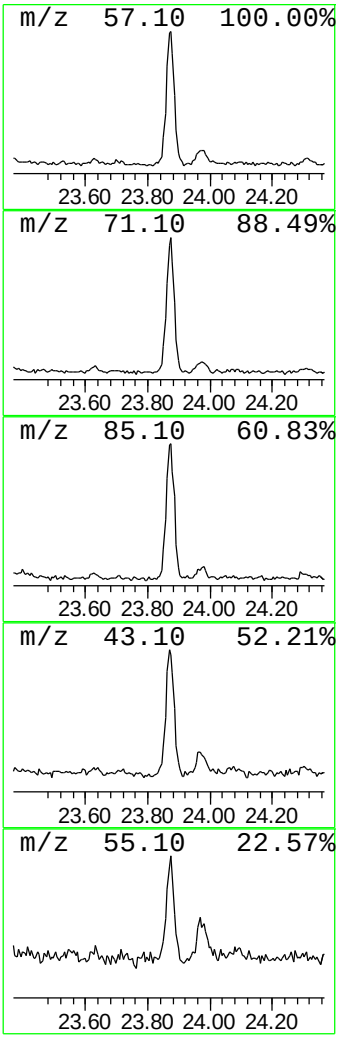
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	2.21 ng/ul	266456	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Octadecane	254	C18H38	000593-45-3	83
4	Hexatriacontane	507	C36H74	000630-06-8	83
5	Eicosane	282	C20H42	000112-95-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019665.D
Acq On : 01 Apr 2019 21:10
Operator : JU/SJ
Sample : K2119-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B3

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
unknown-01	19.73	2.0	ng/ul	279125	5	21.20	2751210	20.0
unknown-02	19.77	4.9	ng/ul	669708	5	21.20	2751210	20.0
Ethanol, 2-(tetra...	20.90	2.9	ng/ul	405055	5	21.20	2751210	20.0
(DEL) Alkane: Str...	22.70	2.2	ng/ul	265937	6	23.40	2414480	20.0
(DEL) Alkane: Str...	23.87	2.2	ng/ul	266456	6	23.40	2414480	20.0