LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019560.D
Acq On : 29 Mar 2019 02:50
Operator : JU/SJ
Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

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	36	rVB2	29753	55801	1.21%	0.149%
2	6.763	636	642	660	rBV2	347333	745702	16.14%	1.995%
3	6.934	665	671	689	rBV	283954	531184	11.50%	1.421%
4	7.116	696	702	715	rBV	409807	718392	15.55%	1.922%
5	7.581	775	781	793	rBV	410342	703301	15.22%	1.882%
6	8.292	896	902	918	rBV	434096	818540	17.72%	2.190%
7	8.751	973	980	997	rBV	362474	671355	14.53%	1.796%
8	9.081	1029	1036	1041	rVB2	4125	8332	0.18%	0.022%
9	9.463	1095	1101	1114	rBV	296749	537352	11.63%	1.438%
10	9.992	1185	1191	1220	rBV	404509	846993	18.33%	2.266%
11	10.363	1246	1254	1263	rBV	609733	1034790	22.40%	2.769%
12	10.527	1275	1282	1297	rBV	347523	807505	17.48%	2.161%
13	11.986	1526	1530	1539	rVB3	3641	8563	0.19%	0.023%
14	13.663	1808	1815	1819	rBV	955503	1350380	29.23%	3.613%
15	13.710	1819	1823	1832	rVB	163970	254143	5.50%	0.680%
16	13.933	1854	1861	1874	rBV	1136623	1704072	36.88%	4.559%
17	14.239	1907	1913	1931	rVB2	984941	1487626	32.20%	3.980%
18	14.492	1951	1956	1976	rBV	126171	404495	8.75%	1.082%
19	14.674	1983	1987	1993	rVB6	8726	16528	0.36%	0.044%
20	15.033	2044	2048	2053	rVV3	3070	5593	0.12%	0.015%
21	15.080	2053	2056	2061	rVB3	4709	6316	0.14%	0.017%
22	15.239	2077	2083	2092	rBV	1443287	2101952	45.49%	5.624%
23	15.386	2103	2108	2121	rBV	320507	480899	10.41%	1.287%
24	15.480	2121	2124	2131	rVB3	16146	24112	0.52%	0.065%
25	15.945	2200	2203	2208	rBV4	4769	6455	0.14%	0.017%
26	16.033	2214	2218	2221	rVB4	3623	4715	0.10%	0.013%
27	16.739	2335	2338	2342	rBV3	3654	5246	0.11%	0.014%
28	16.792	2344	2347	2350	rVB3	5144	5437	0.12%	0.015%
29	16.998	2376	2382	2392	rBV	1341216	1790196	38.75%	4.790%
30	17.098	2393	2399	2413	rVB	1607403	2311258	50.02%	6.184%
31	17.892	2528	2534	2547	rBV	147065	270445	5.85%	0.724%
32	18.756	2678	2681	2685	rBV5	3809	5328	0.12%	0.014%
33	18.815	2688	2691	2696	rVB5	8970	11257	0.24%	0.030%
34	19.039	2724	2729	2733	rBV3	31638	53568	1.16%	0.143%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019560.D
Acq On : 29 Mar 2019 02:50
Operator : JU/SJ
Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

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	19.180	2749	2753	2762	rBV2	76024	124964	2.70%	0.334%
36	19.292	2769	2772	2776	rVB	12422	13510	0.29%	0.036%
37	19.403	2785	2791	2797	rBV	2141886	2801736	60.64%	7.496%
38	19.745	2847	2849	2852	rVB4	6526	5142	0.11%	0.014%
39	19.780	2853	2855	2858	rVB4	9063	9036	0.20%	0.024%
40	19.839	2863	2865	2868	rBV3	6453	6188	0.13%	0.017%
41	19.915	2875	2878	2879	rBV3	9702	9184	0.20%	0.025%
42	19.939	2879	2882	2886	rVB2	36885	39841	0.86%	0.107%
43	20.439	2963	2967	2971	rBV2	75219	85396	1.85%	0.228%
44	20.903	3042	3046	3057	rBV	376645	454317	9.83%	1.216%
45	21.203	3092	3097	3105	rBV	1954467	2504328	54.20%	6.701%
46	21.339	3116	3120	3124	rBV	255140	259432	5.62%	0.694%
47	21.762	3188	3192	3202	rBV	390991	485466	10.51%	1.299%
48	22.215	3265	3269	3277	rBV	538886	706253	15.29%	1.890%
49	22.709	3348	3353	3358	rVB	595227	797623	17.26%	2.134%
50	23.268	3441	3448	3460	rBV2	2562808	4620330	100.00%	12.362%
51	23.409	3465	3472	3483	rVB	1589385	2926263	63.33%	7.829%
52	23.885	3547	3553	3561	rVB	439611	830389	17.97%	2.222%
53	24.609	3670	3676	3684	rVB2	299466	619315	13.40%	1.657%
54	25.450	3816	3819	3826	rVB2	153111	288304	6.24%	0.771%

Sum of corrected areas: 37374848

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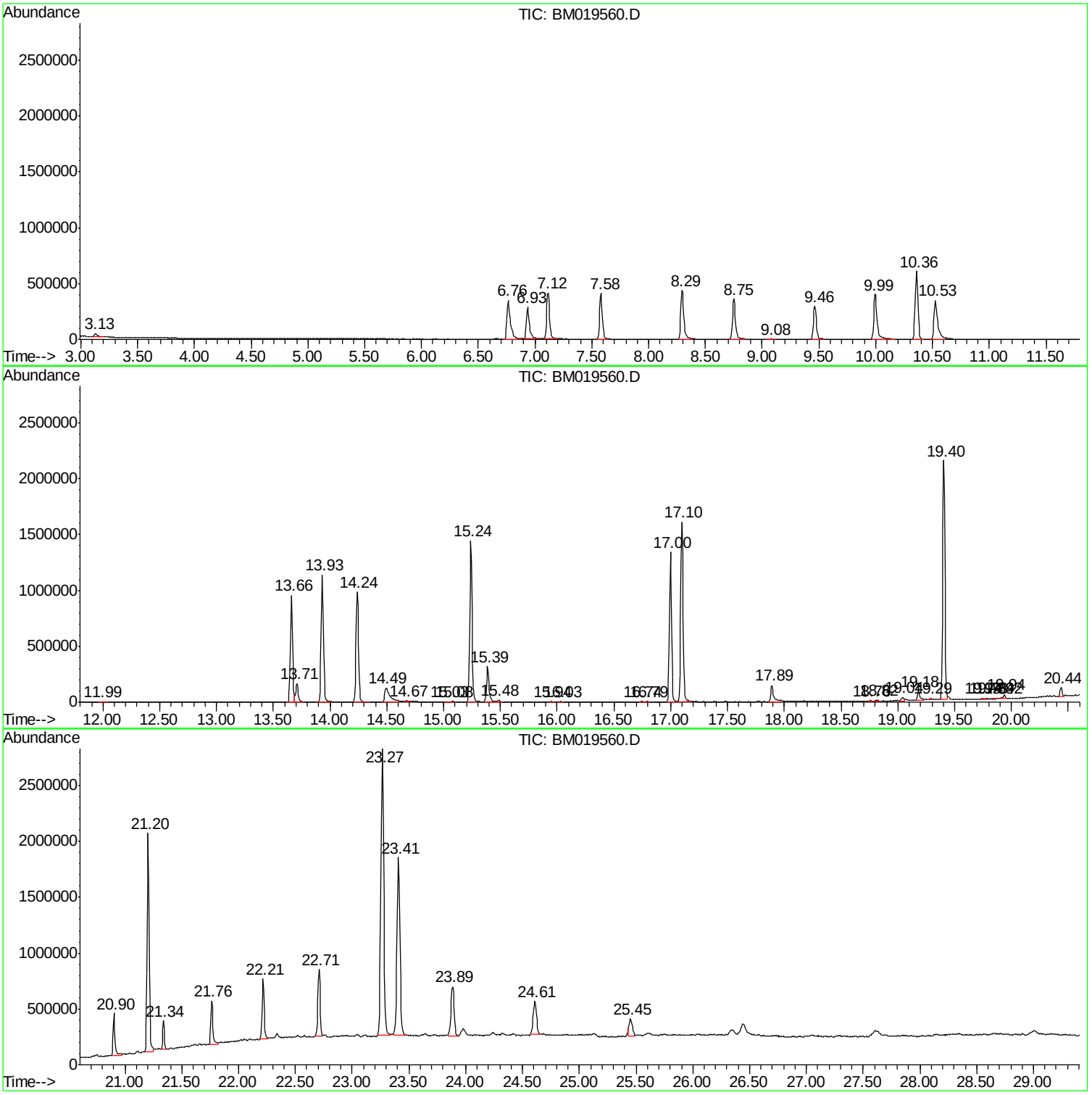
Data File : BM019560.D
Acq On : 29 Mar 2019 02:50
Operator : JU/SJ
Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC99

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\BM032819\
Data File : BM019560.D
Acq On : 29 Mar 2019 02:50
Operator : JU/SJ
Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

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

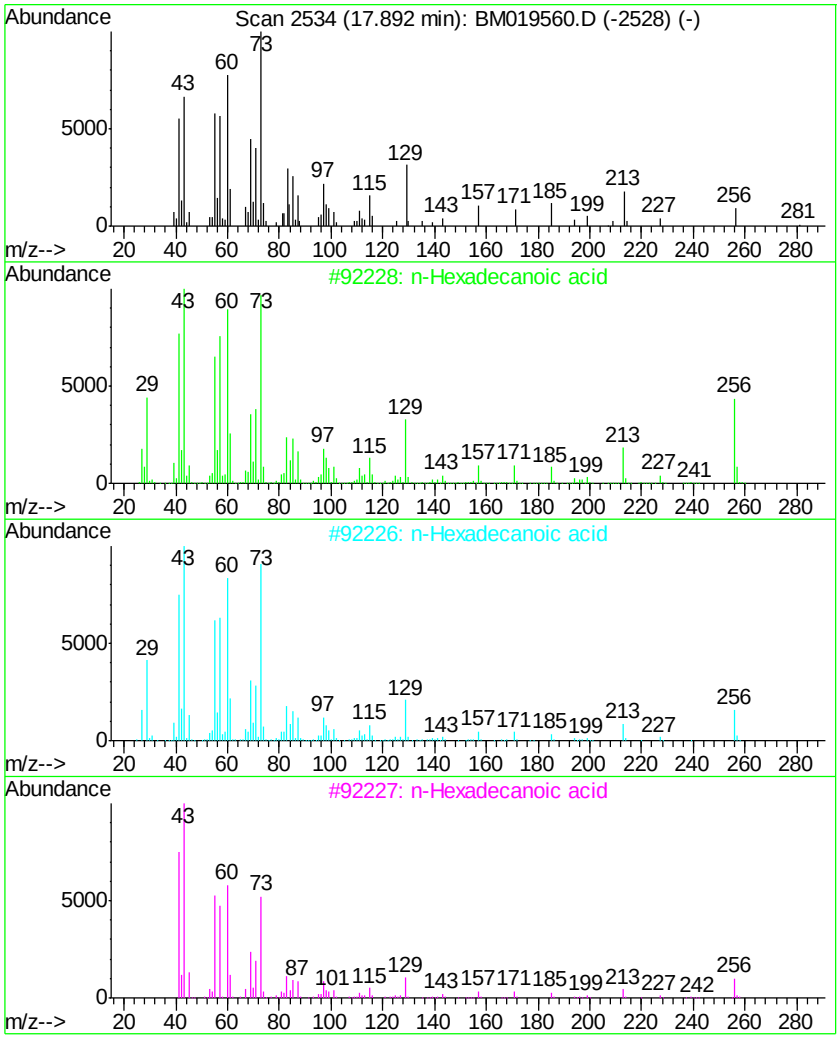
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

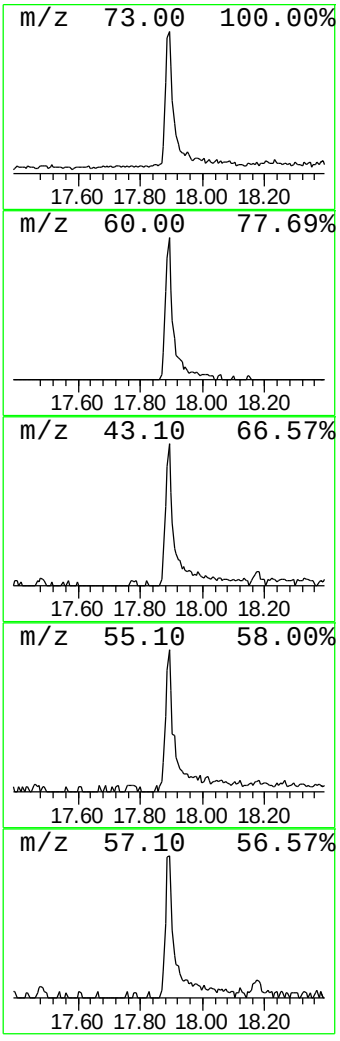
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.02 ng/ul	270445	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Data File : BM019560.D
Acq On : 29 Mar 2019 02:50
Operator : JU/SJ
Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

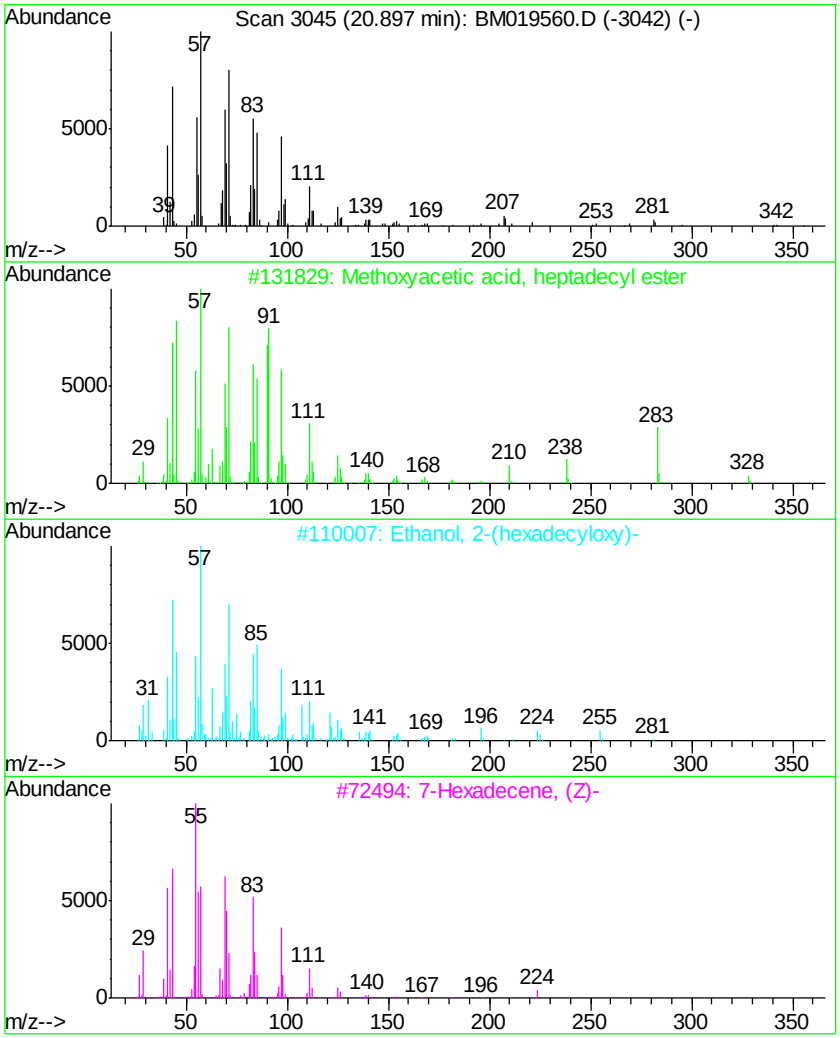
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

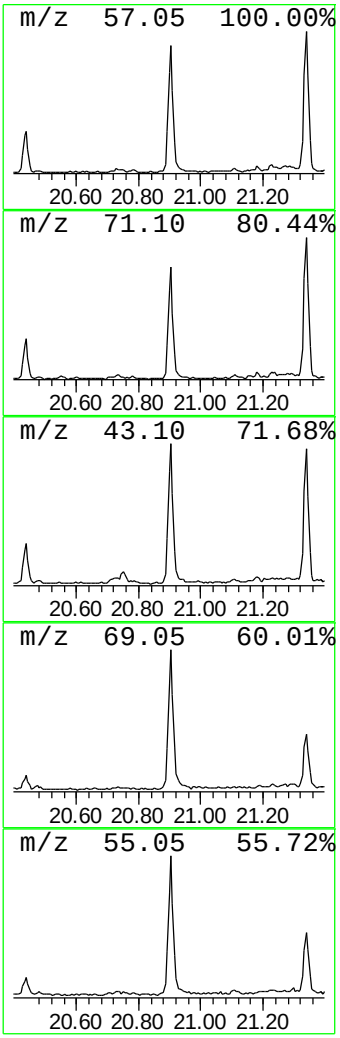
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methoxyacetic acid, heptade... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.63 ng/ul	454317	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	90
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	89
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76





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Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

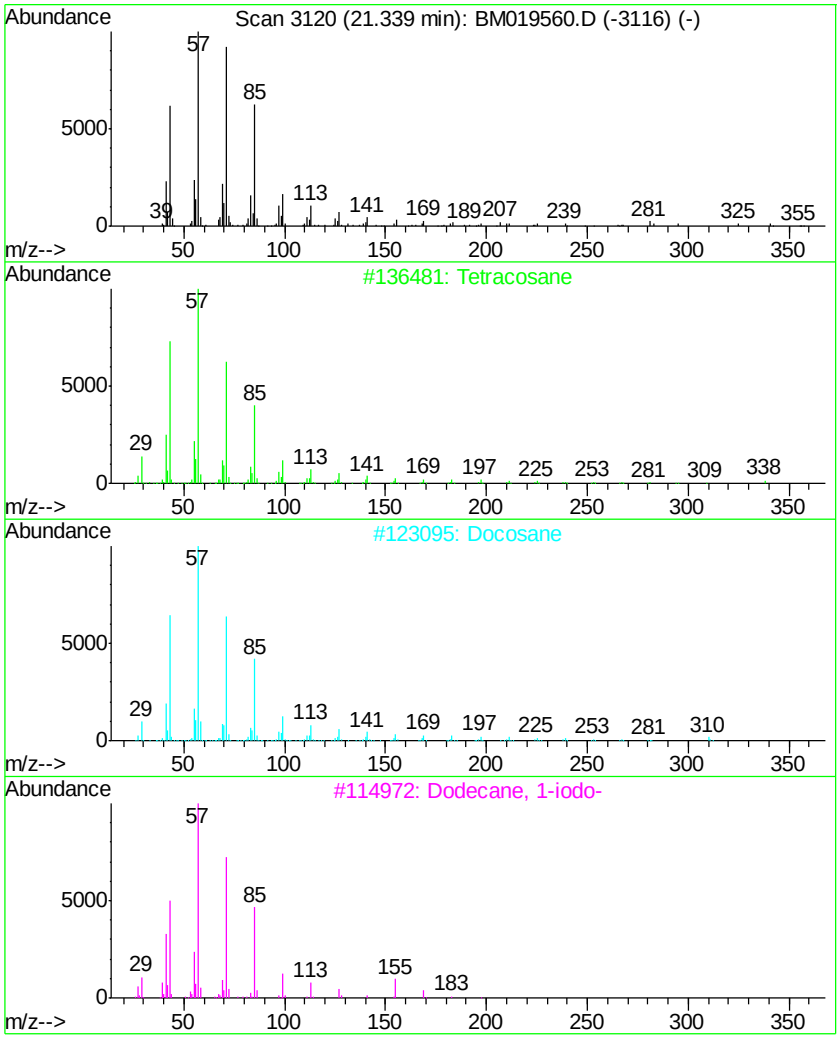
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

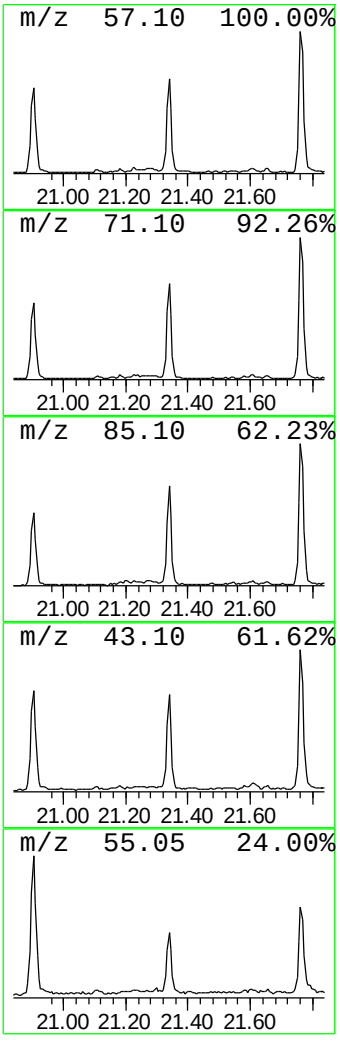
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.07 ng/ul	259432	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Docosane	310	C22H46	000629-97-0	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Heptacosane	380	C27H56	000593-49-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019560.D
Acq On : 29 Mar 2019 02:50
Operator : JU/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

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

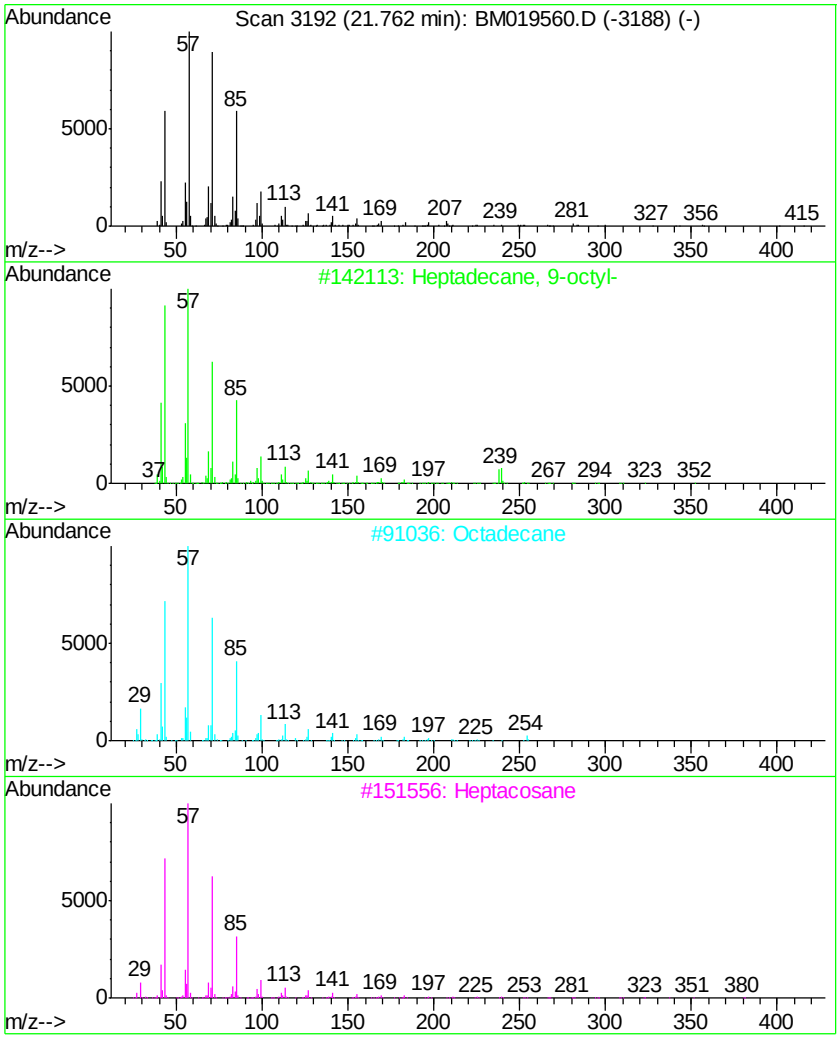
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

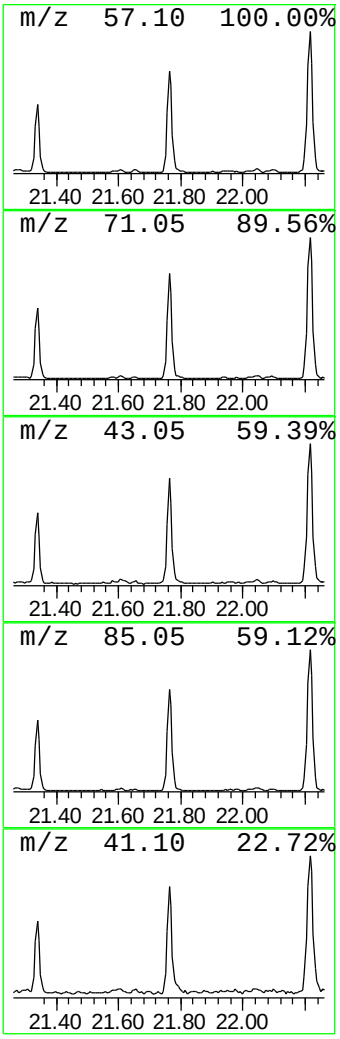
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.88 ng/ul	485466	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octadecane	254	C18H38	000593-45-3	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





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Operator : JU/SJ
Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

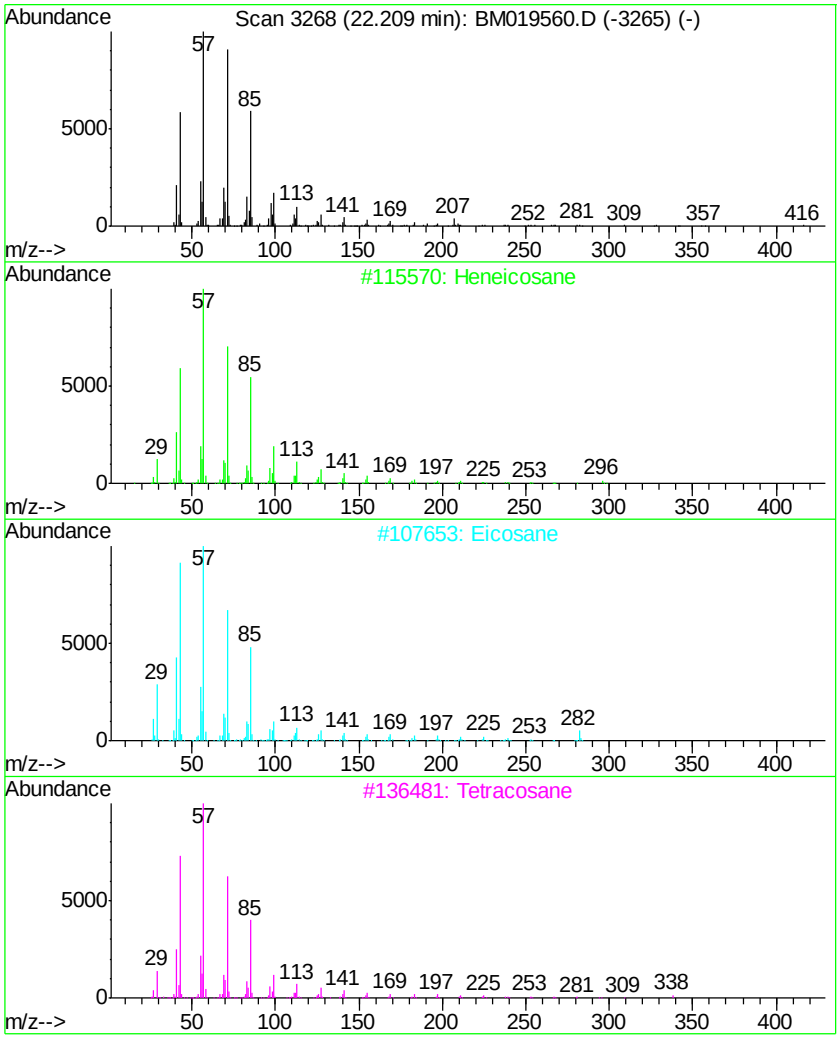
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

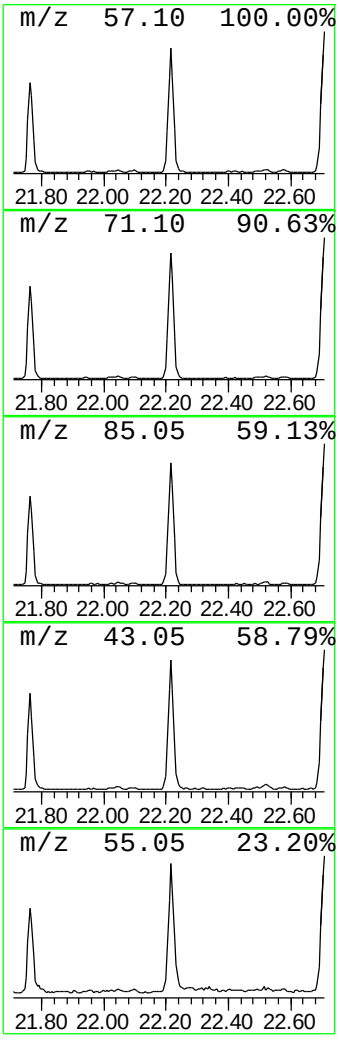
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	5.64 ng/ul	706253	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019560.D
Acq On : 29 Mar 2019 02:50
Operator : JU/SJ
Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

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

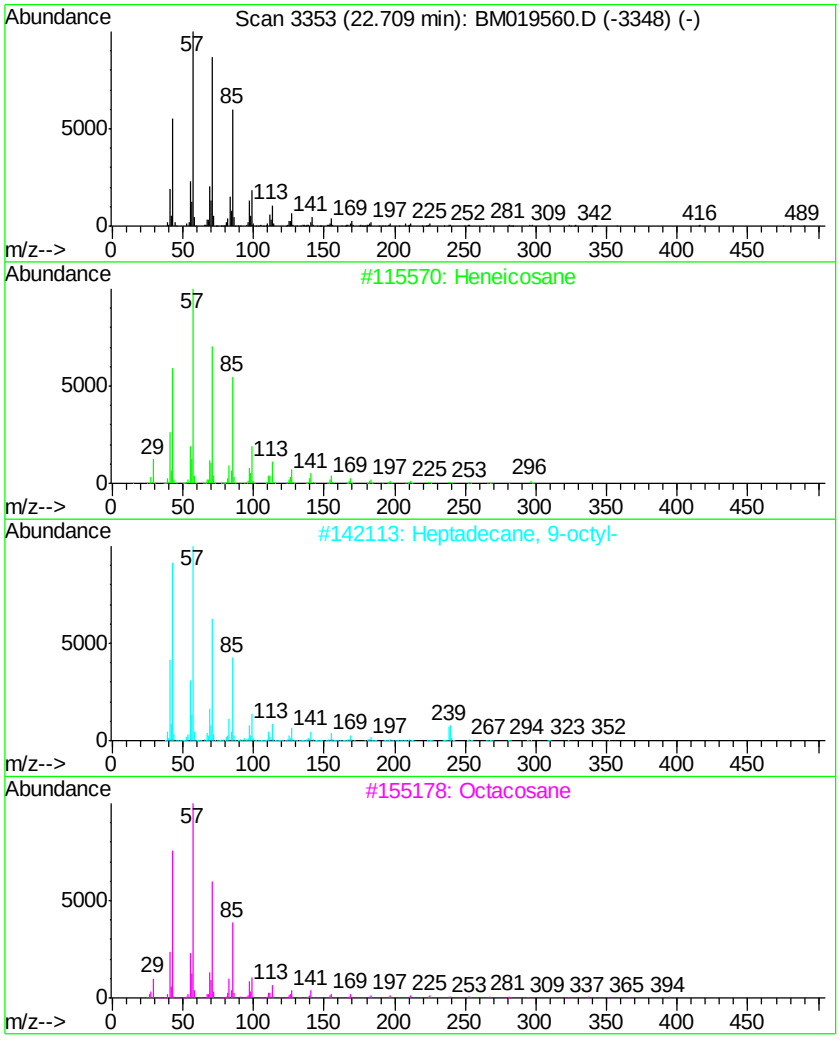
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

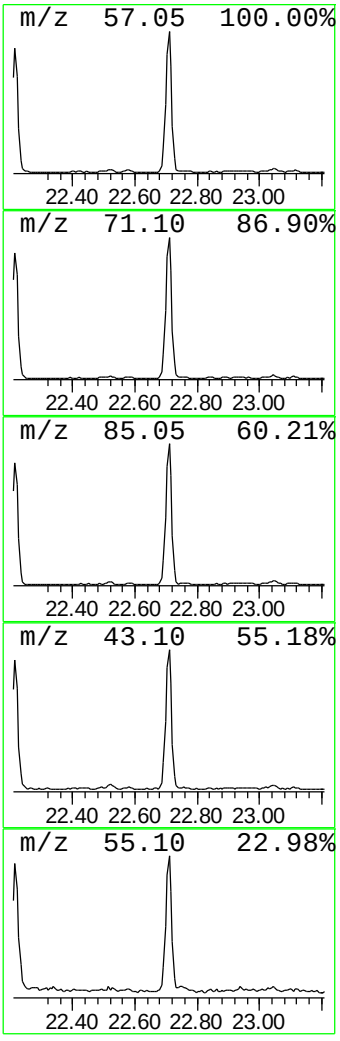
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	5.45 ng/ul	797623	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Library Search Compound Report

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Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

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

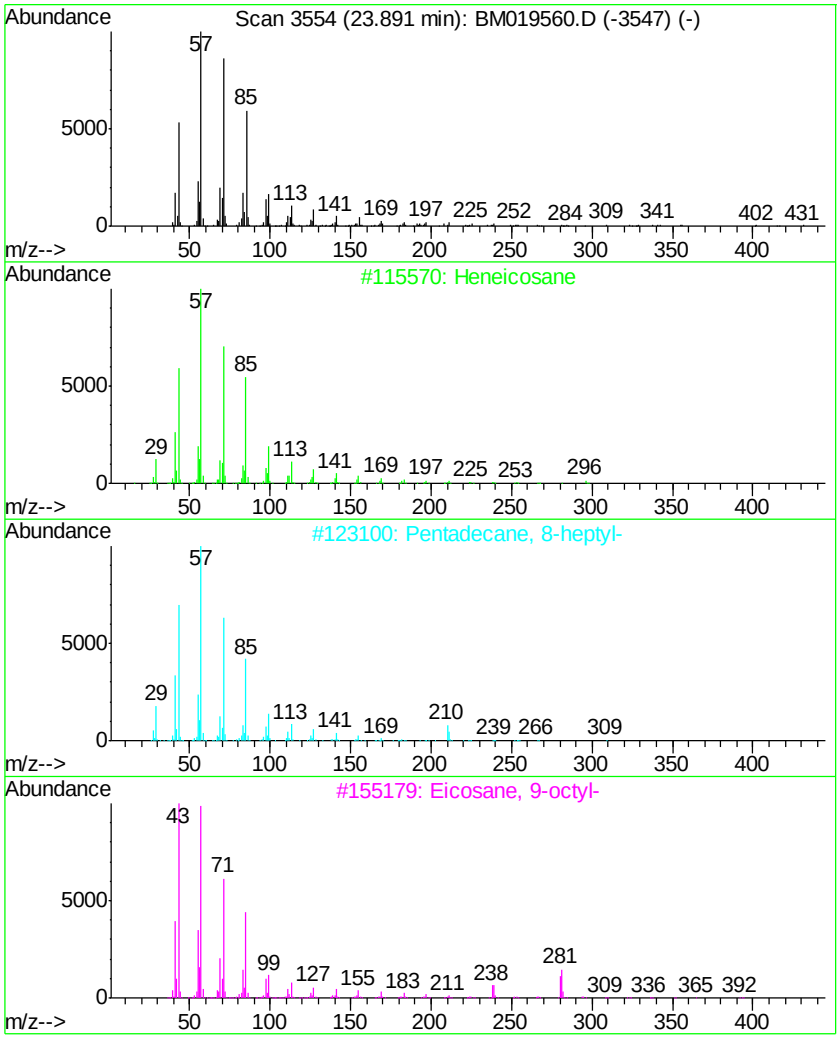
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

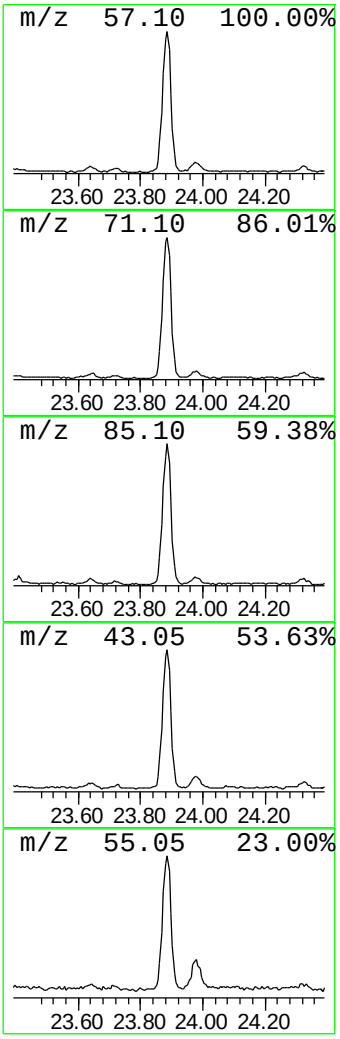
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	5.68 ng/ul	830389	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019560.D
Acq On : 29 Mar 2019 02:50
Operator : JU/SJ
Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

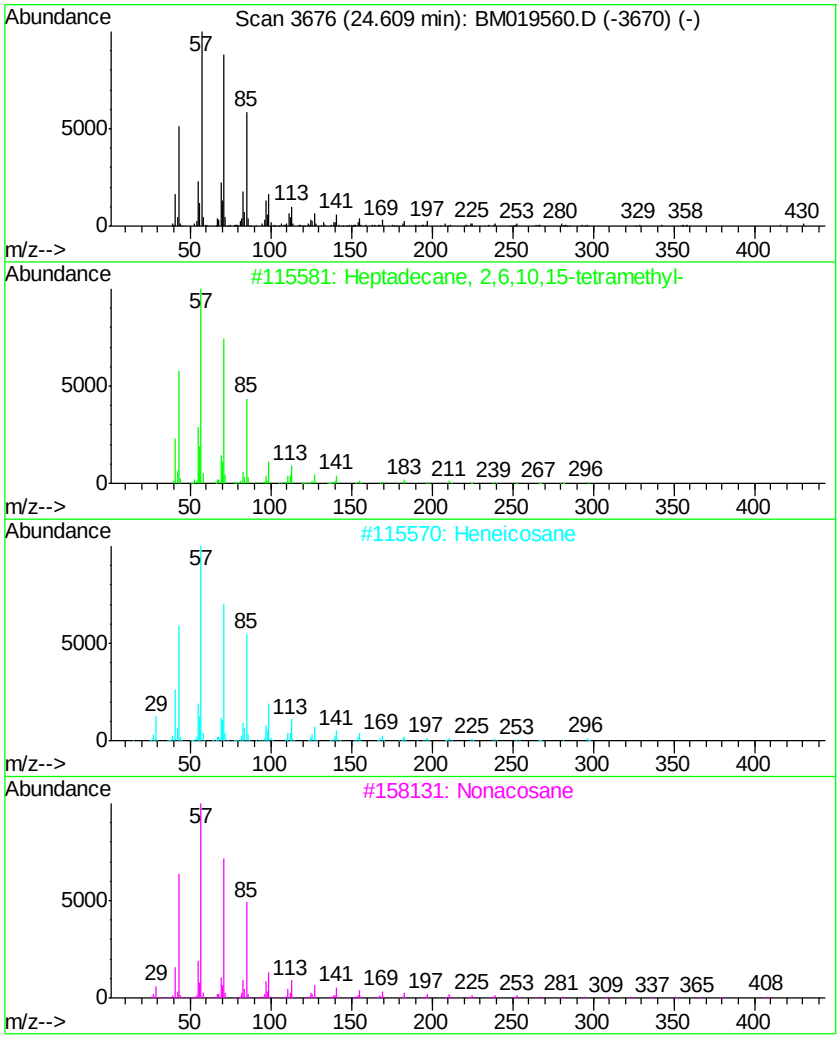
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

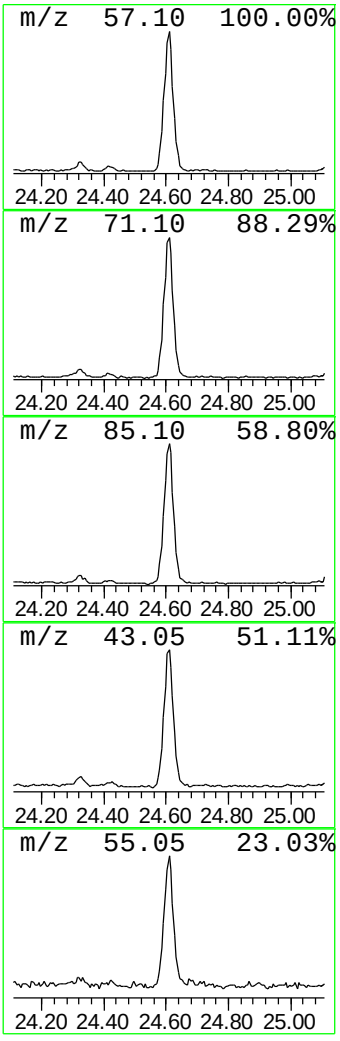
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	4.23 ng/ul	619315	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019560.D
Acq On : 29 Mar 2019 02:50
Operator : JU/SJ
Sample : K2065-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC99

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	3.0	ng/ul	270445	4	17.00	1790200	20.0
Methoxyacetic aci...	20.90	3.6	ng/ul	454317	5	21.20	2504330	20.0
(DEL) Alkane: Str...	21.34	2.1	ng/ul	259432	5	21.20	2504330	20.0
(DEL) Alkane: Str...	21.76	3.9	ng/ul	485466	5	21.20	2504330	20.0
(DEL) Alkane: Str...	22.21	5.6	ng/ul	706253	5	21.20	2504330	20.0
(DEL) Alkane: Str...	22.71	5.5	ng/ul	797623	6	23.41	2926260	20.0
(DEL) Alkane: Str...	23.89	5.7	ng/ul	830389	6	23.41	2926260	20.0
(DEL) Alkane: Str...	24.61	4.2	ng/ul	619315	6	23.41	2926260	20.0