LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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-BM082219MA.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	3.134	22	25	30	rBV	5844	8319	0.49%	0.063%
2	3.716	121	124	129	rVB3	3697	5058	0.30%	0.038%
3	6.751	635	640	651	rBV3	34566	67087	3.99%	0.506%
4	6.910	661	667	682	rBV	117841	193980	11.53%	1.464%
5	7.092	692	698	710	rVB	153375	252756	15.03%	1.908%
6	7.551	771	776	785	rBB	135325	213496	12.69%	1.611%
7	7.916	833	838	840	rVB	1613	2076	0.12%	0.016%
8	8.275	893	899	911	rBV	114055	201591	11.98%	1.521%
9	8.722	968	975	985	rBV	181197	305323	18.15%	2.304%
10	9.045	1025	1030	1033	rBV	2801	4026	0.24%	0.030%
11	9.433	1090	1096	1108	rVB	173866	286267	17.02%	2.161%
12	9.969	1181	1187	1206	rBV	200756	422789	25.14%	3.191%
13	10.328	1241	1248	1260	rBV	202912	330168	19.63%	2.492%
14	10.528	1276	1282	1285	rBV	5526	10230	0.61%	0.077%
15	11.433	1431	1436	1442	rVB2	1910	3725	0.22%	0.028%
16	11.933	1518	1521	1528	rVB2	2240	3788	0.23%	0.029%
17	13.633	1804	1810	1815	rBV	524460	730418	43.42%	5.513%
18	13.686	1815	1819	1829	rVB	66745	94045	5.59%	0.710%
19	13.904	1849	1856	1863	rBV	593745	859009	51.07%	6.483%
20	14.210	1902	1908	1916	rBB	334338	482994	28.71%	3.645%
21	14.268	1916	1918	1923	rBV2	2564	3472	0.21%	0.026%
22	14.510	1954	1959	1969	rBV2	14252	42420	2.52%	0.320%
23	14.615	1975	1977	1981	rVV	1393	1909	0.11%	0.014%
24	15.215	2073	2079	2086	rBV	737075	1056937	62.84%	7.977%
25	15.262	2086	2087	2091	rVB2	2382	2765	0.16%	0.021%
26	15.380	2102	2107	2117	rBV	200593	293020	17.42%	2.211%
27	15.457	2117	2120	2123	rVB2	5479	6894	0.41%	0.052%
28	15.998	2210	2212	2215	rBV	1972	1772	0.11%	0.013%
29	16.757	2337	2341	2344	rBV3	1336	1949	0.12%	0.015%
30	16.974	2372	2378	2384	rBV2	447529	616941	36.68%	4.656%
31	17.074	2389	2395	2406	rVV2	909496	1274335	75.76%	9.618%
32	17.451	2456	2459	2462	rBV2	1535	1843	0.11%	0.014%
33	17.580	2479	2481	2485	rVB	5102	5795	0.34%	0.044%
34	17.868	2525	2530	2540	rBV	86565	122897	7.31%	0.928%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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-BM082219MA.M
Title : SVOA CALIBRATION

35	17.945	2540	2543	2546	rVB4	1682	2482	0.15%	0.019%
36	18.139	2573	2576	2580	rBV5	1995	2768	0.16%	0.021%
37	18.362	2612	2614	2617	rVB3	1887	2045	0.12%	0.015%
38	18.598	2651	2654	2657	rBV3	1892	1830	0.11%	0.014%
39	18.786	2683	2686	2689	rBV3	3900	4242	0.25%	0.032%
40	19.015	2721	2725	2734	rBV4	17228	36040	2.14%	0.272%
41	19.156	2745	2749	2758	rBV	55482	82264	4.89%	0.621%
42	19.268	2765	2768	2771	rBV	7171	8579	0.51%	0.065%
43	19.303	2772	2774	2776	rVB2	2723	1838	0.11%	0.014%
44	19.380	2781	2787	2793	rBV	1281435	1682046	100.00%	12.695%
45	19.592	2821	2823	2827	rBV4	3650	4821	0.29%	0.036%
46	19.915	2875	2878	2883	rVB5	16025	20926	1.24%	0.158%
47	20.415	2959	2963	2968	rBV3	28450	39130	2.33%	0.295%
48	20.886	3039	3043	3047	rBV2	94572	126447	7.52%	0.954%
49	21.186	3089	3094	3100	rBV	571188	752086	44.71%	5.676%
50	21.315	3113	3116	3120	rBV	66596	72250	4.30%	0.545%
51	21.739	3185	3188	3192	rBV	76452	90801	5.40%	0.685%
52	22.191	3261	3265	3271	rVB	100078	136516	8.12%	1.030%
53	22.674	3344	3347	3352	rVB	107280	144926	8.62%	1.094%
54	23.238	3435	3443	3452	rBV	743929	1428206	84.91%	10.779%
55	23.374	3461	3466	3473	rVB	324346	578075	34.37%	4.363%
56	23.833	3541	3544	3550	rVB2	77167	121602	7.23%	0.918%

Sum of corrected areas: 13250014

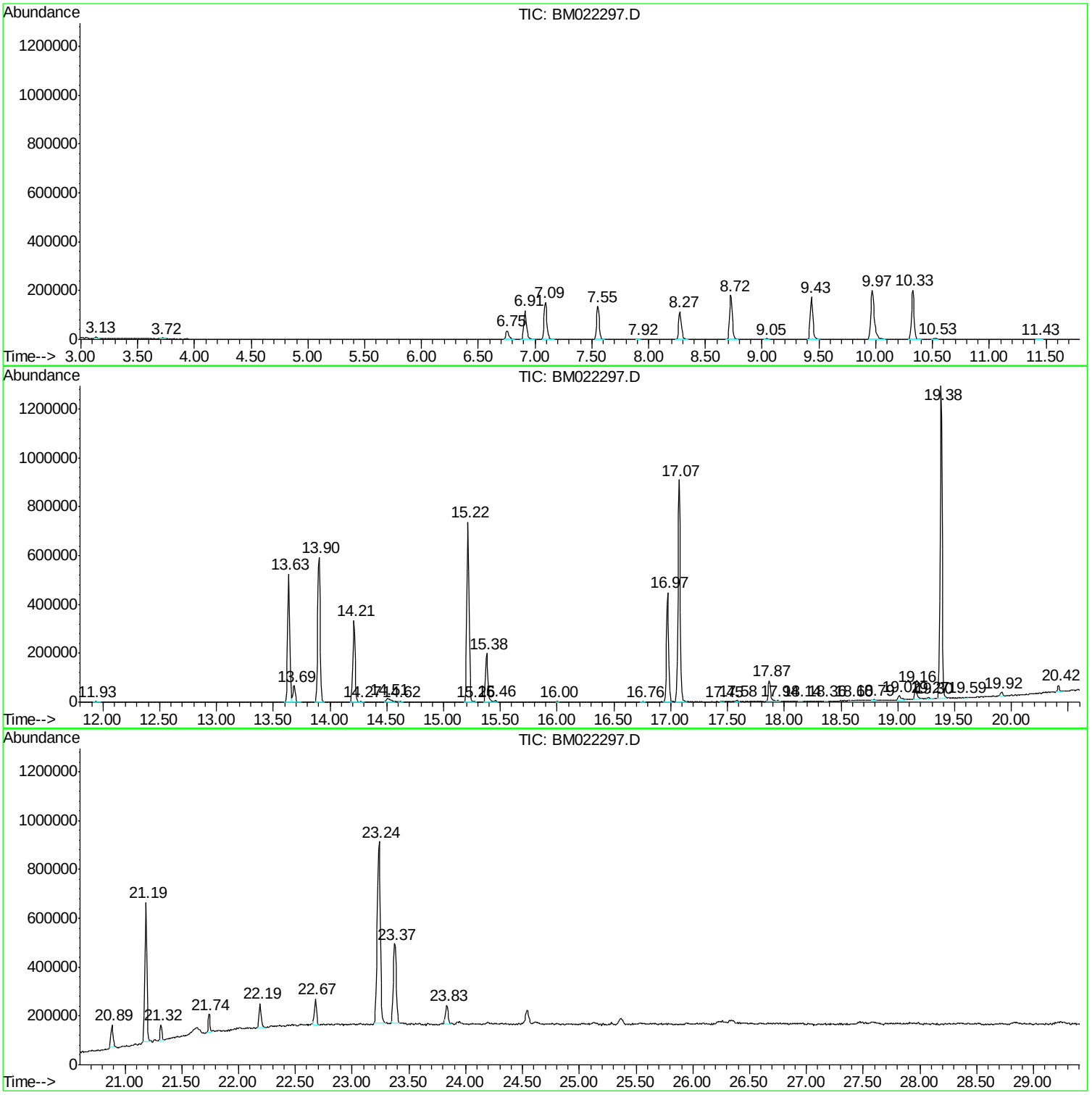
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

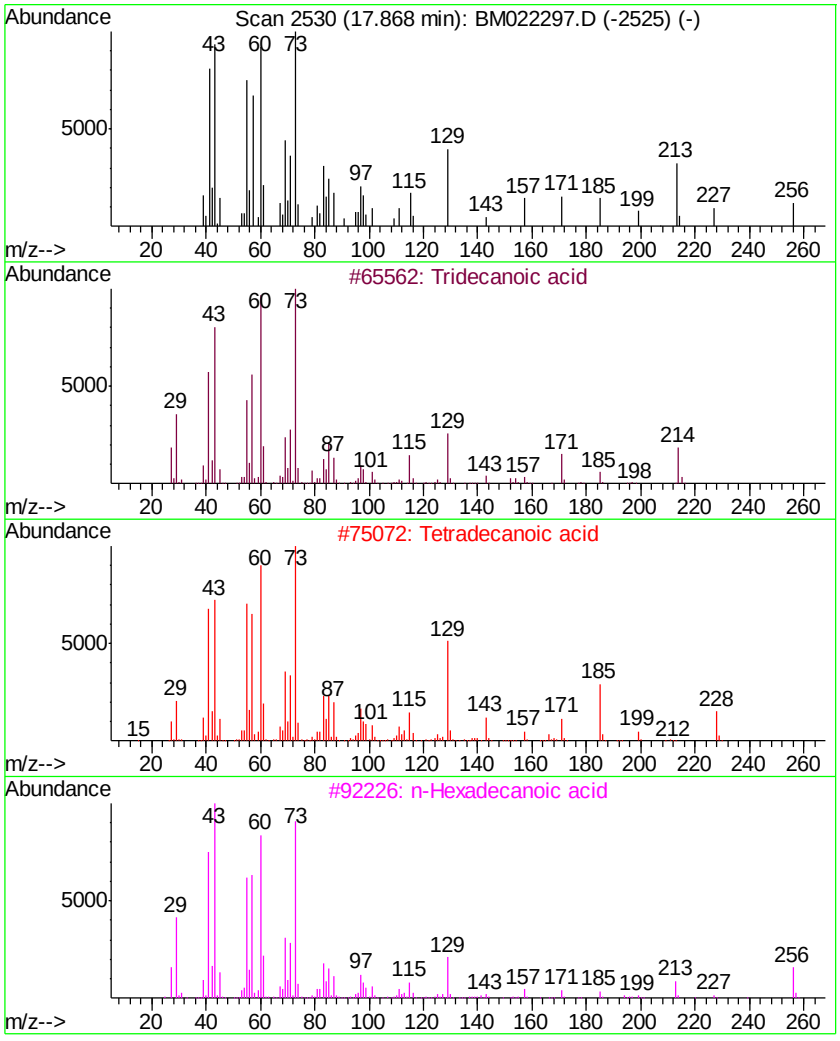
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

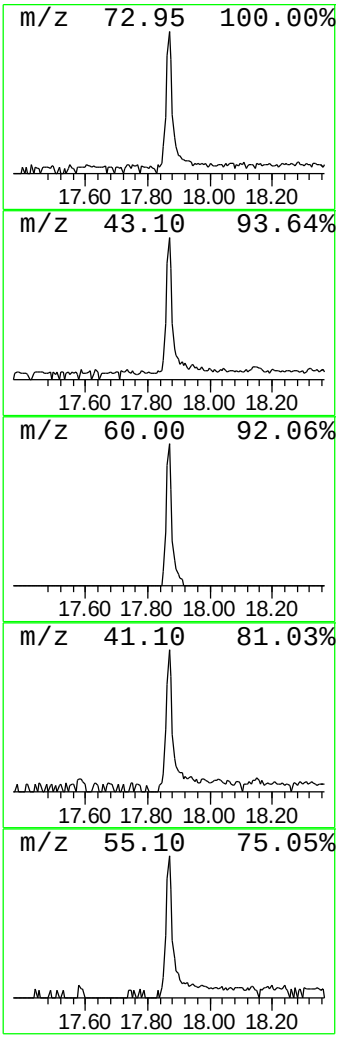
****

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.98 ng/ul	122897	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	76
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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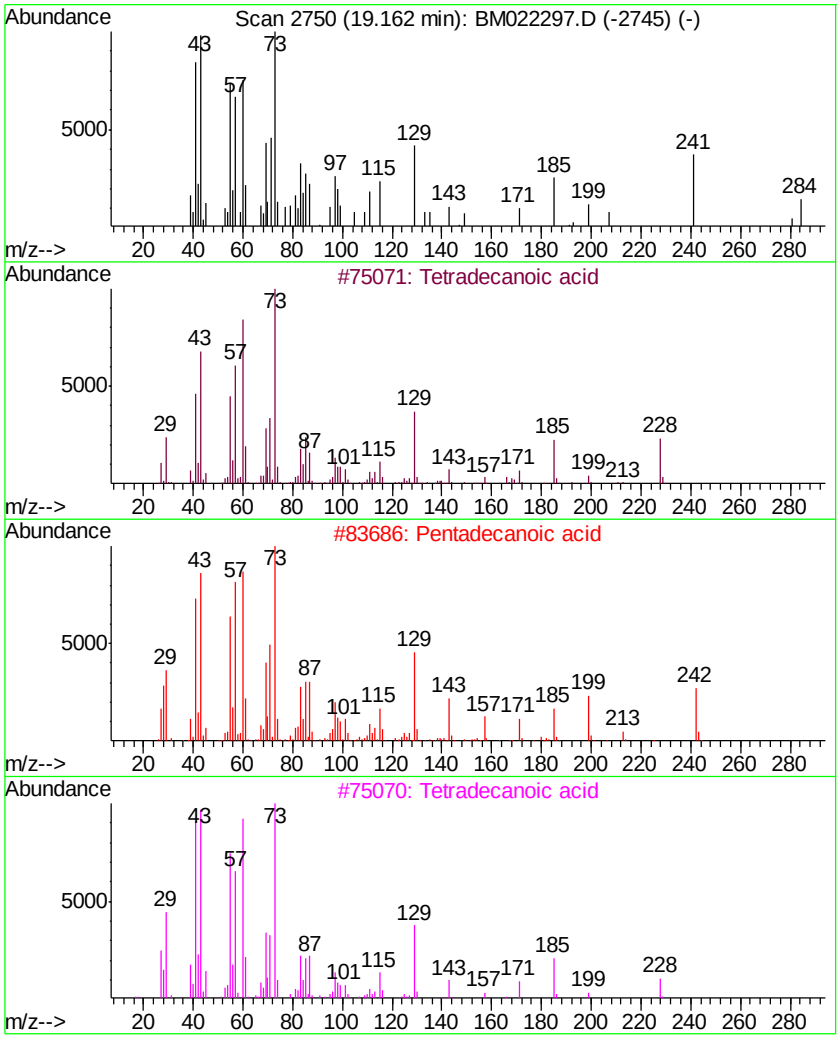
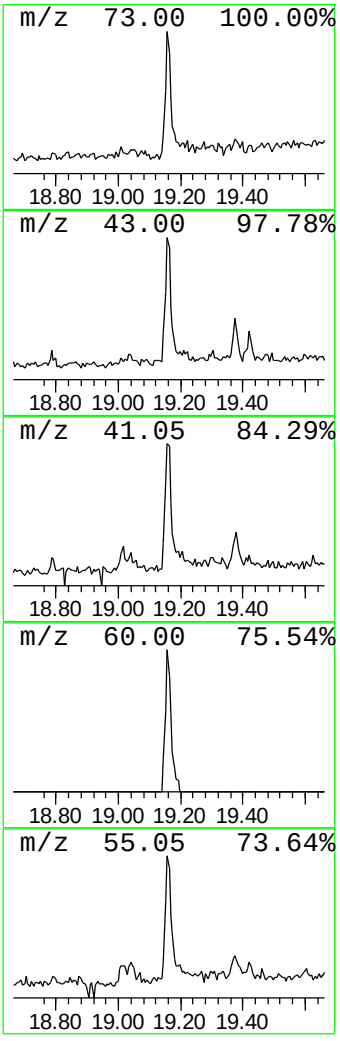
Peak Number 2 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.19 ng/ul	82264	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

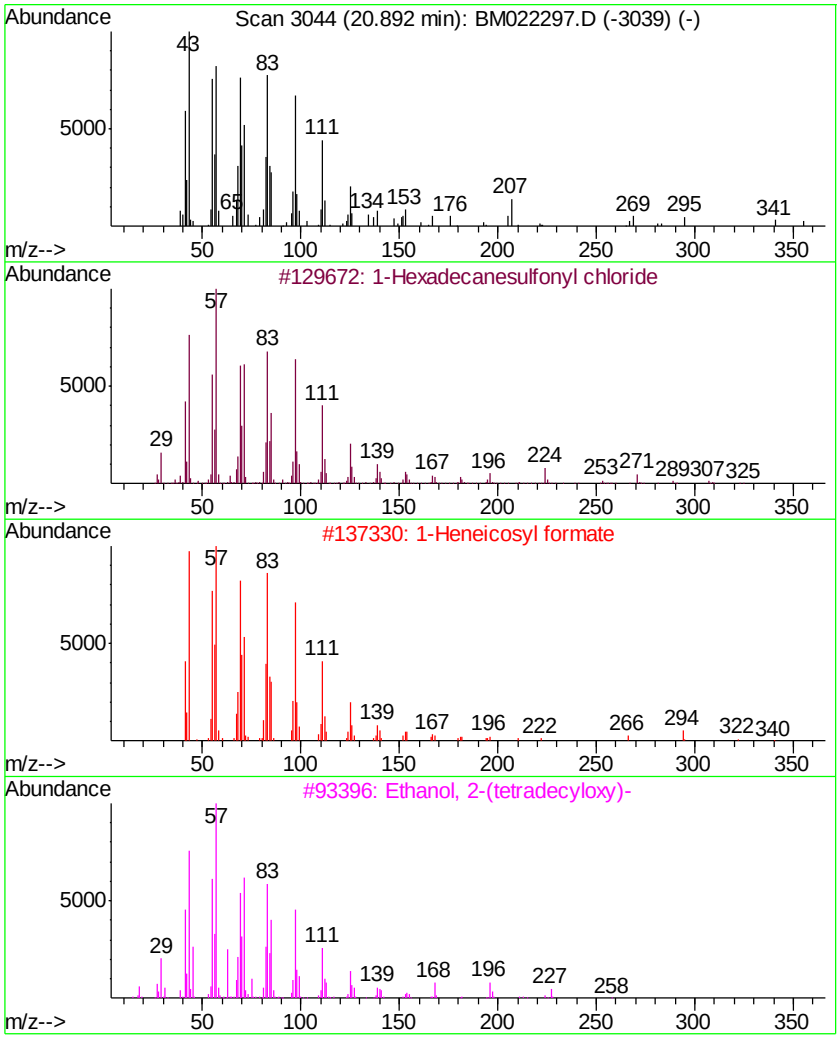
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

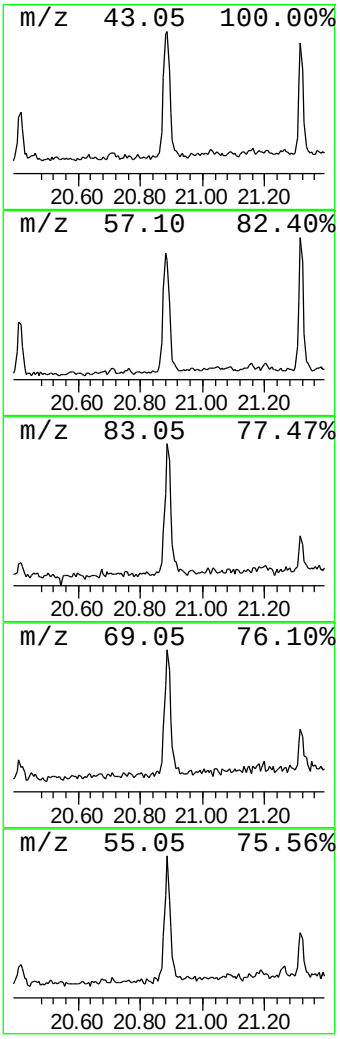
****

Peak Number 3 1-Hexadecanesulfonyl chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.36 ng/ul	126447	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

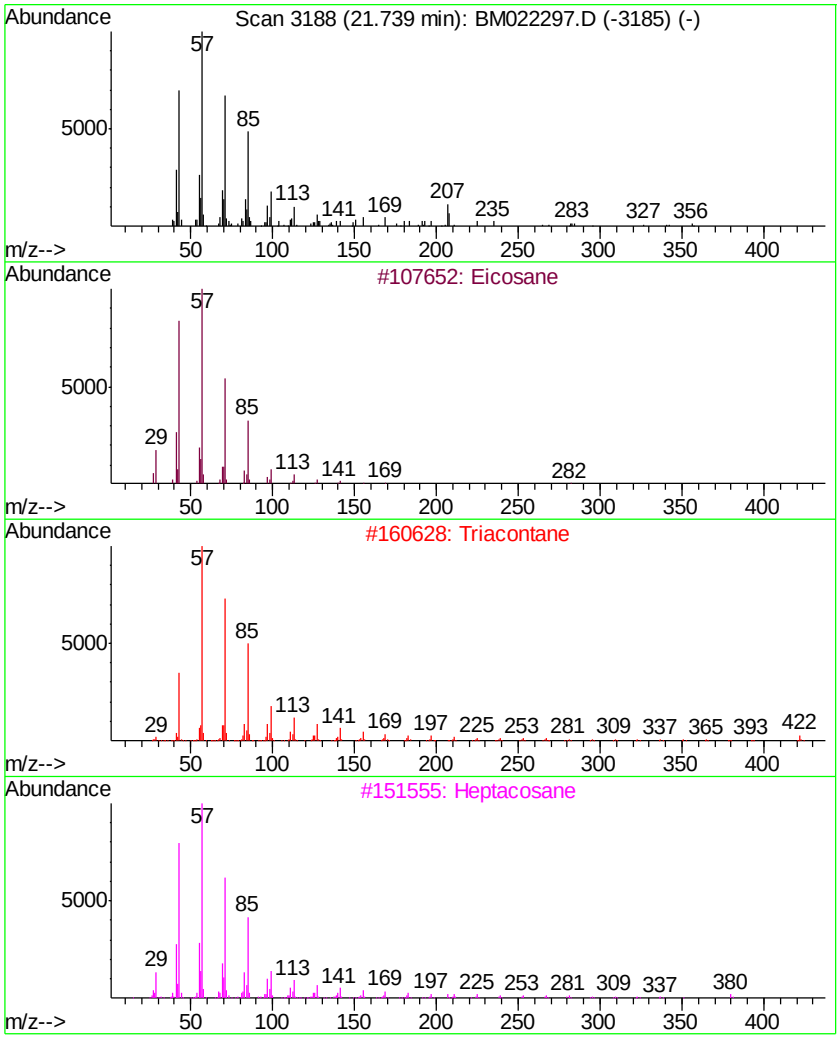
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

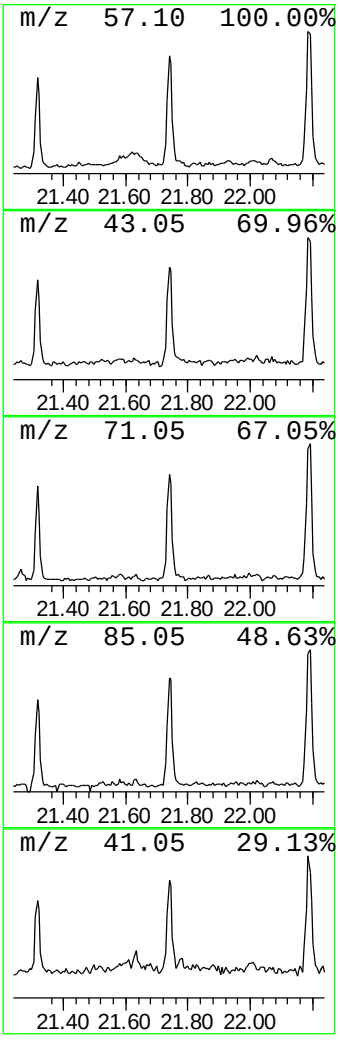
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.41 ng/ul	90801	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Triacontane	422	C30H62	000638-68-6	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

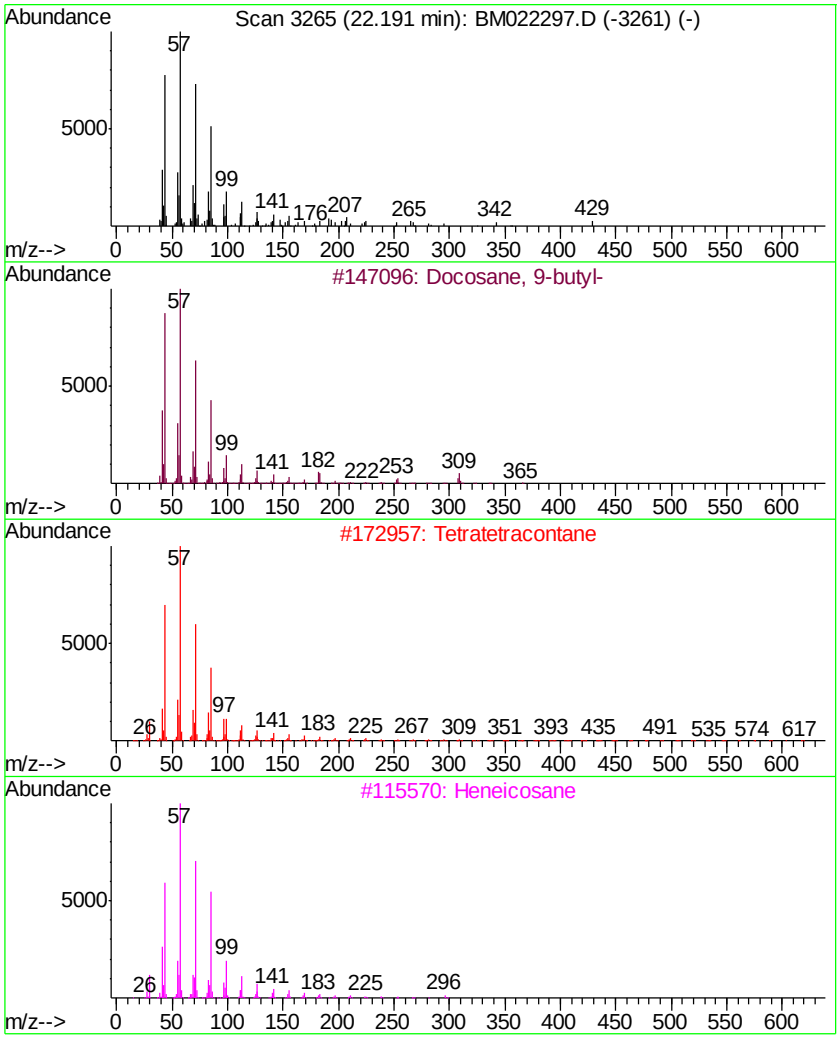
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

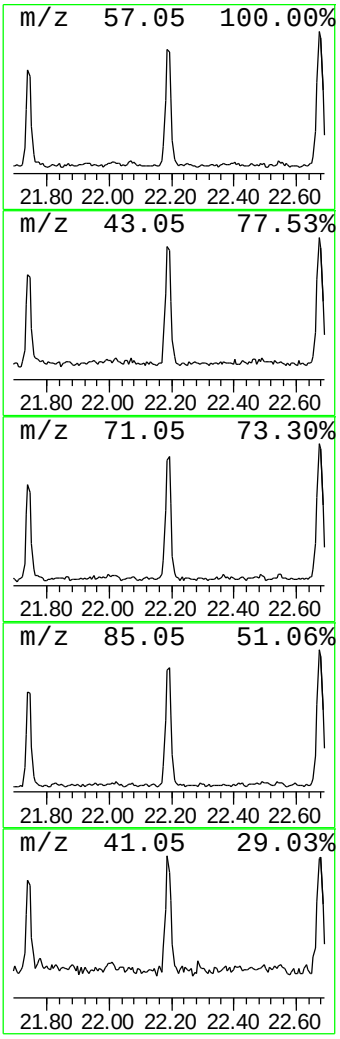
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.63 ng/ul	136516	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

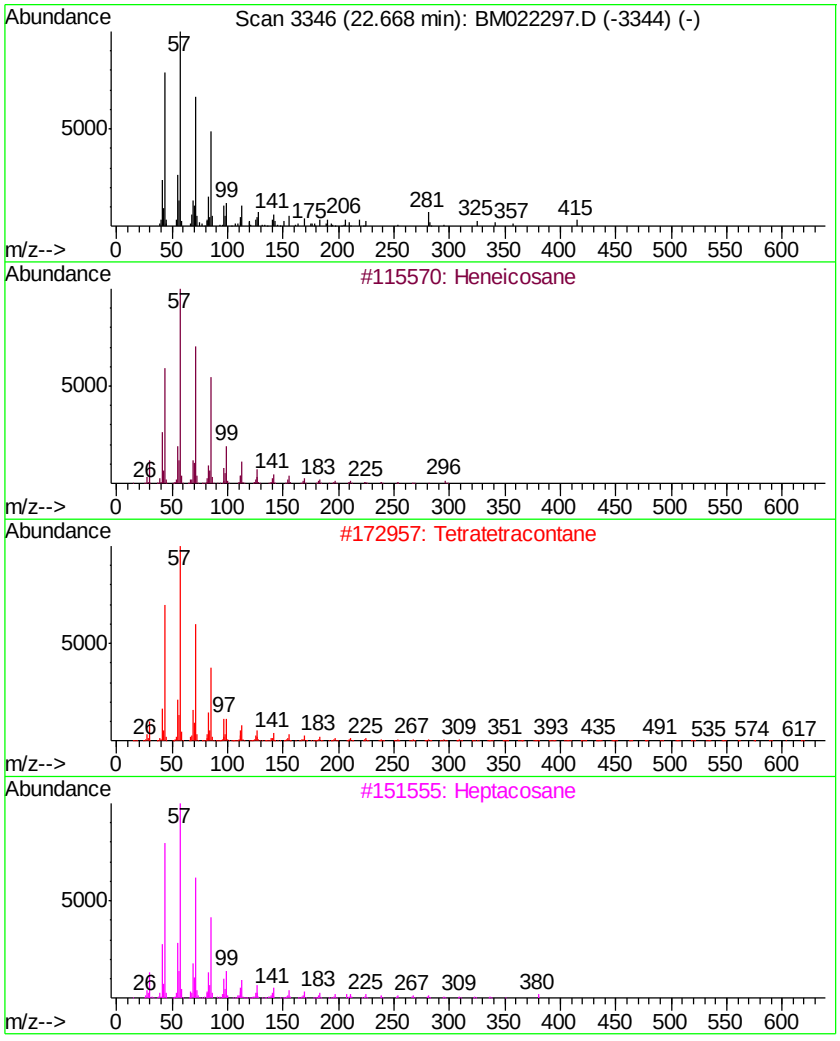
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

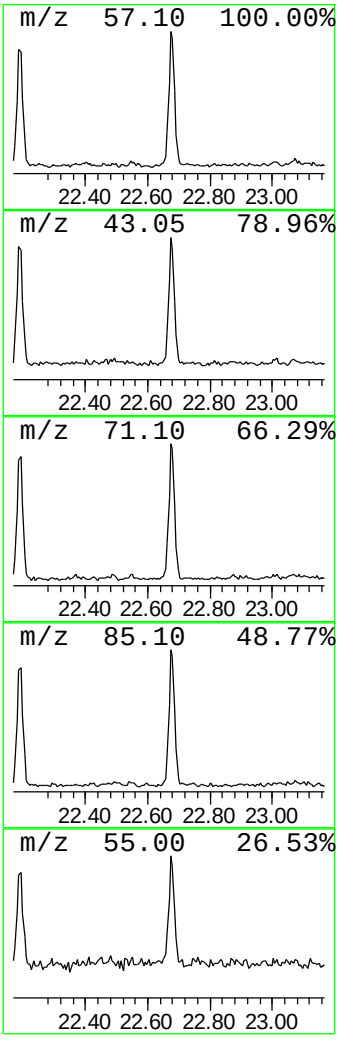
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	5.01 ng/ul	144926	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

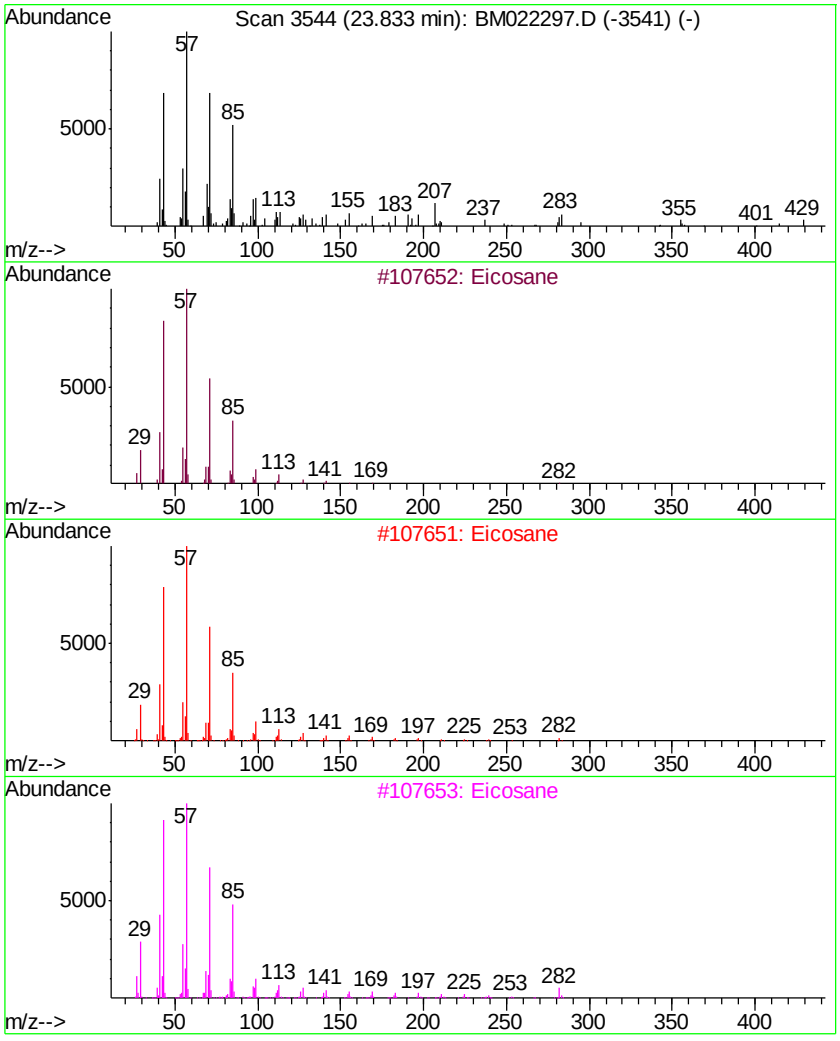
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

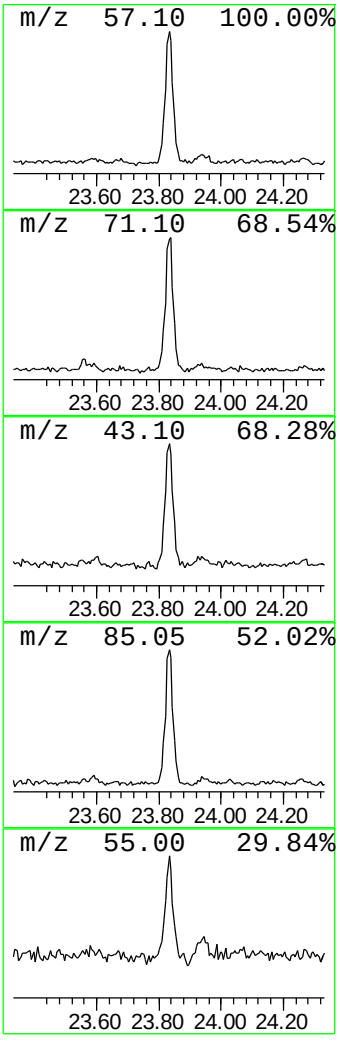
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	4.21 ng/ul	121602	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Eicosane	282	C20H42	000112-95-8	92
4	10-Methylnonadecane	282	C20H42	056862-62-5	87
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022297.D
Acq On : 24 Aug 2019 17:02
Operator : HP/JU
Sample : K4373-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
Tridecanoic acid	17.87	4.0	ng/ul	122897	4	16.97	616941	20.0
Tetradecanoic acid	19.16	2.2	ng/ul	82264	5	21.19	752086	20.0
1-Hexadecanesulfo...	20.89	3.4	ng/ul	126447	5	21.19	752086	20.0
(DEL) Alkane: Str...	21.74	2.4	ng/ul	90801	5	21.19	752086	20.0
(DEL) Alkane: Str...	22.19	3.6	ng/ul	136516	5	21.19	752086	20.0
(DEL) Alkane: Str...	22.67	5.0	ng/ul	144926	6	23.37	578075	20.0
(DEL) Alkane: Str...	23.83	4.2	ng/ul	121602	6	23.37	578075	20.0