LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021554.D
Acq On : 19 Jul 2019 11:32
Operator : HP/JU
Sample : K3764-23
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52H3

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-BM070819MA.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	6.887	657	663	674	rVB	632647	1016537	22.73%	2.294%
2	7.057	687	692	701	rVB	481149	768624	17.19%	1.734%
3	7.245	718	724	735	rVB	711392	1127627	25.22%	2.544%
4	7.710	797	803	820	rVB	673549	1086002	24.28%	2.450%
5	8.422	917	924	938	rBV	776278	1310358	29.30%	2.957%
6	8.875	995	1001	1012	rVB	654151	1085594	24.28%	2.450%
7	9.592	1116	1123	1132	rBV	518514	870192	19.46%	1.964%
8	10.122	1206	1213	1237	rVB	812704	1480101	33.10%	3.340%
9	10.492	1269	1276	1284	rVB	891232	1471323	32.90%	3.320%
10	10.651	1295	1303	1321	rBV	646737	1289213	28.83%	2.909%
11	12.104	1544	1550	1556	rVB3	10043	18113	0.41%	0.041%
12	13.774	1825	1834	1838	rBV	1461374	2032497	45.45%	4.586%
13	13.821	1838	1842	1855	rVB	402034	573803	12.83%	1.295%
14	14.051	1874	1881	1895	rBV	1800914	2567253	57.41%	5.793%
15	14.357	1920	1933	1946	rBV2	1310614	1931075	43.18%	4.357%
16	14.586	1965	1972	1990	rBV	255886	578316	12.93%	1.305%
17	15.198	2073	2076	2079	rVB3	7292	7753	0.17%	0.017%
18	15.357	2096	2103	2118	rVB	2196521	3189000	71.31%	7.196%
19	15.492	2120	2126	2139	rVV	352566	542974	12.14%	1.225%
20	15.598	2139	2144	2149	rVB	21737	32386	0.72%	0.073%
21	16.068	2220	2224	2229	rBV3	3346	4950	0.11%	0.011%
22	16.145	2232	2237	2242	rBV3	7138	10625	0.24%	0.024%
23	16.898	2361	2365	2371	rVV2	6287	9676	0.22%	0.022%
24	17.109	2394	2401	2411	rBV2	1654648	2290492	51.22%	5.168%
25	17.209	2411	2418	2434	rVV	2313740	3332367	74.52%	7.519%
26	17.321	2436	2437	2444	rVB5	3642	5025	0.11%	0.011%
27	17.598	2482	2484	2491	rVB5	2603	4768	0.11%	0.011%
28	17.774	2513	2514	2519	rBV4	2892	4690	0.10%	0.011%
29	18.003	2548	2553	2562	rBV	202743	324266	7.25%	0.732%
30	19.145	2742	2747	2750	rBV	39477	60438	1.35%	0.136%
31	19.286	2767	2771	2784	rBV3	98765	177090	3.96%	0.400%
32	19.392	2786	2789	2793	rVB	19914	27850	0.62%	0.063%
33	19.503	2803	2808	2819	rBV	2823321	3972003	88.82%	8.963%
34	21.003	3059	3063	3074	rBV2	220913	447526	10.01%	1.010%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021554.D
Acq On : 19 Jul 2019 11:32
Operator : HP/JU
Sample : K3764-23
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52H3

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-BM070819MA.M
Title : SVOA CALIBRATION

35	21.297	3108	3113	3124	rBV	2124030	2738824	61.24%	6.180%
36	21.874	3208	3211	3214	rBV2	115456	129816	2.90%	0.293%
37	22.333	3287	3289	3294	rVB3	127017	148162	3.31%	0.334%
38	22.838	3372	3375	3381	rVB	226191	315236	7.05%	0.711%
39	23.403	3465	3471	3481	rBV	2443272	4472015	100.00%	10.091%
40	23.550	3490	3496	3510	rVB	1503237	2863090	64.02%	6.460%

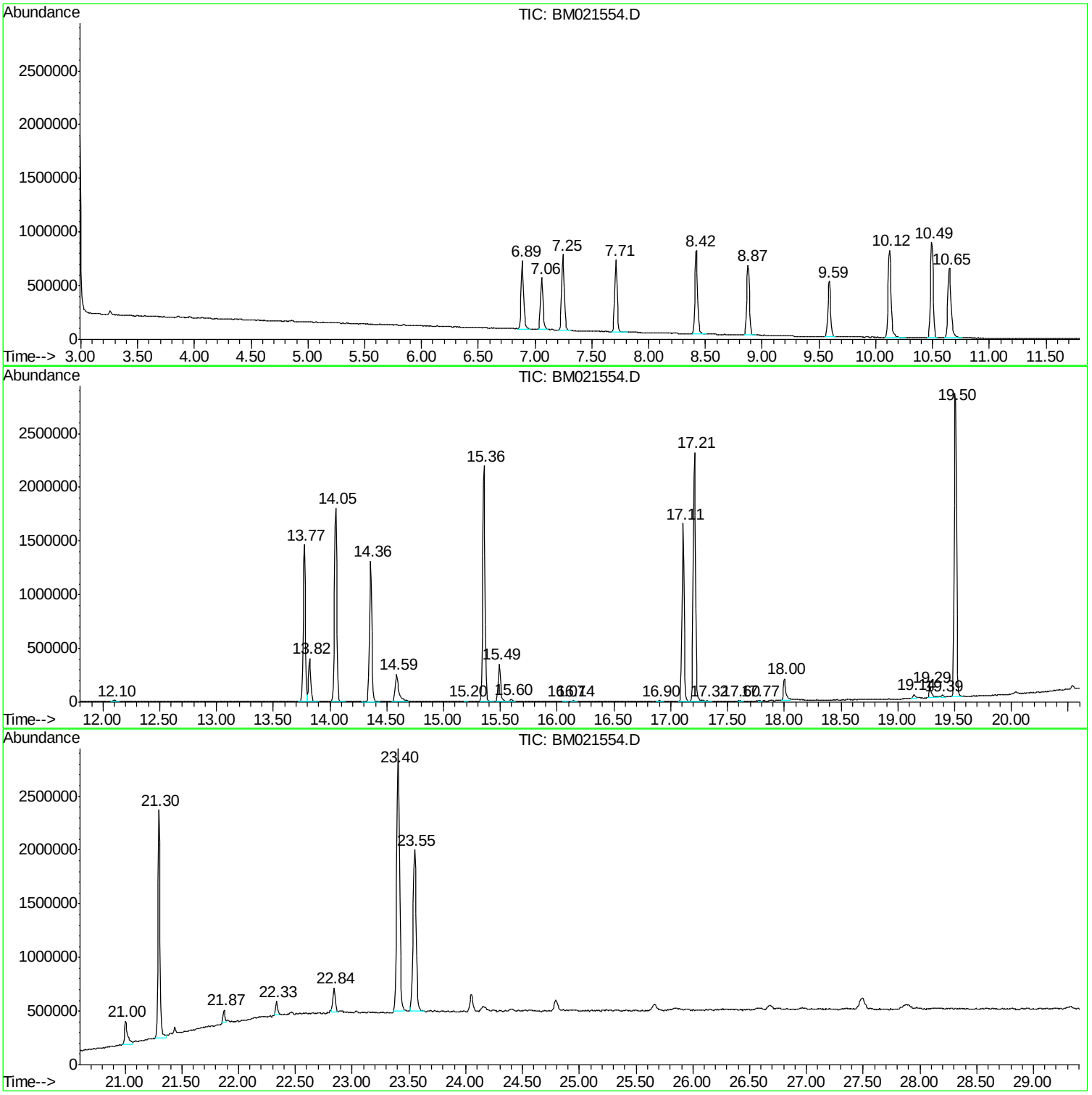
Sum of corrected areas: 44317650

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021554.D
Acq On : 19 Jul 2019 11:32
Operator : HP/JU
Sample : K3764-23
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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\BM071719\
Data File : BM021554.D
Acq On : 19 Jul 2019 11:32
Operator : HP/JU
Sample : K3764-23
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52H3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

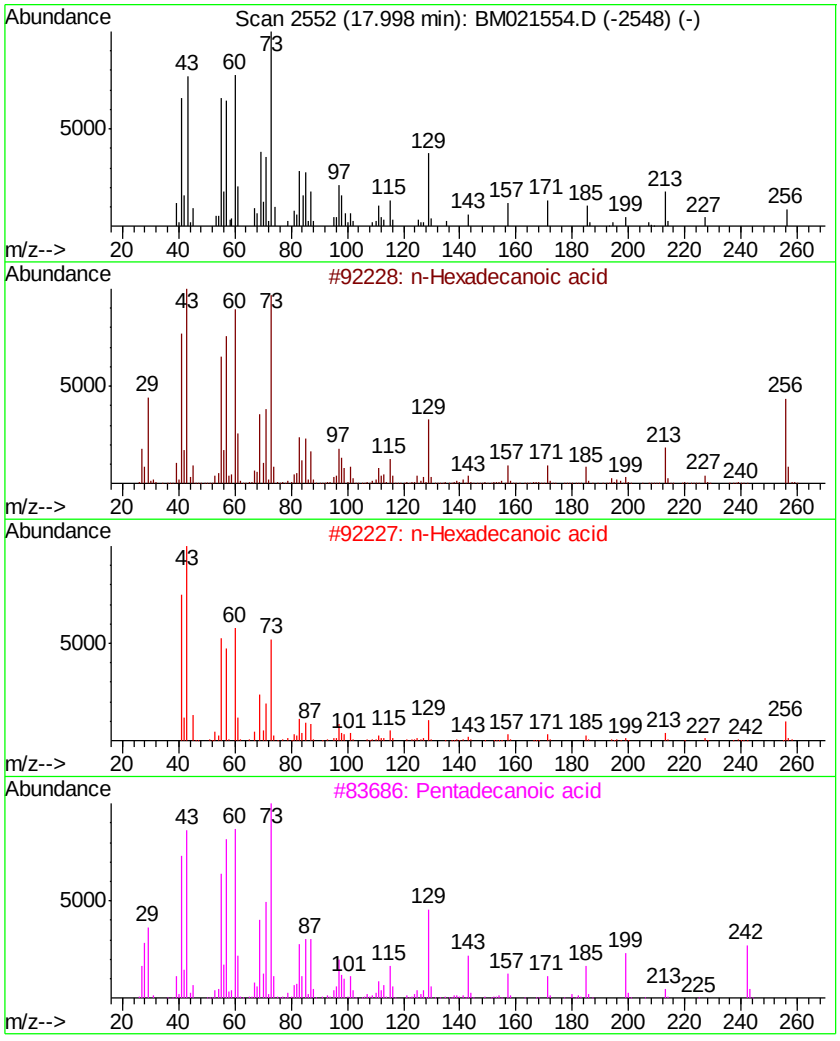
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

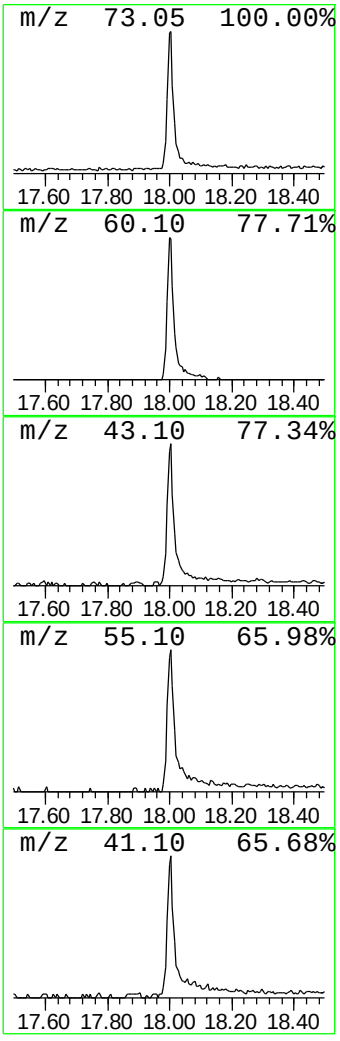
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.83 ng/ul	324266	Phenanthrene-d10	17.11

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	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021554.D
Acq On : 19 Jul 2019 11:32
Operator : HP/JU
Sample : K3764-23
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52H3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

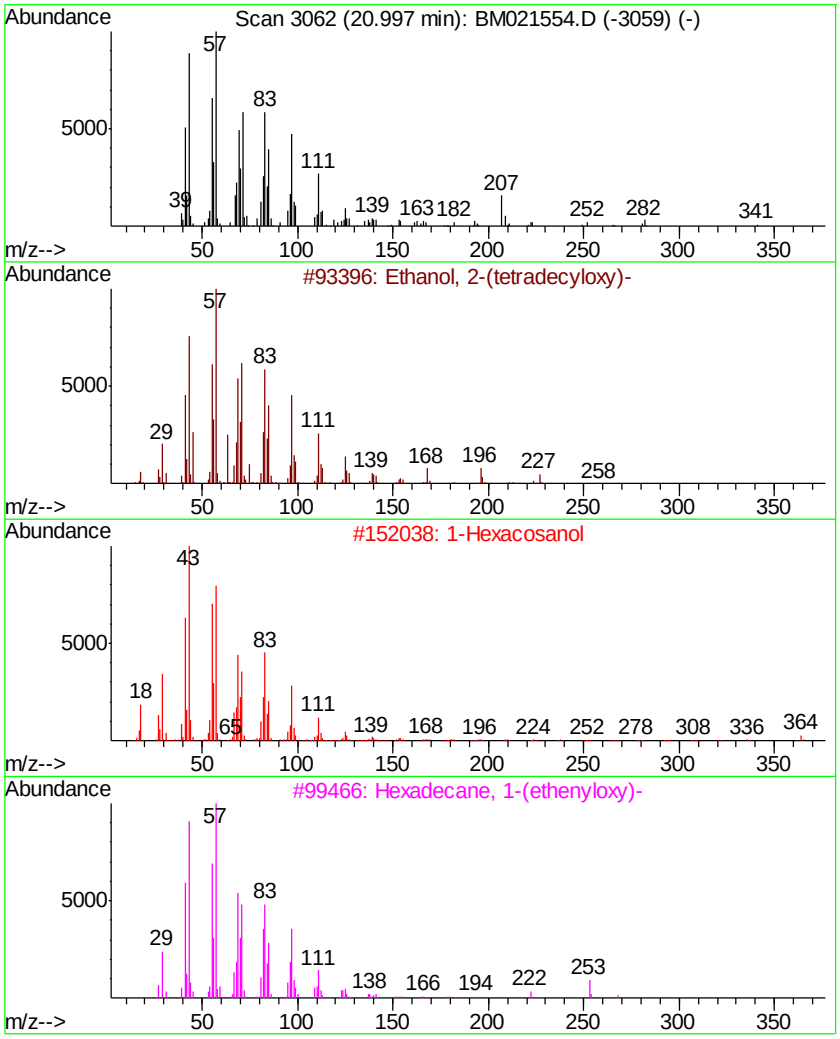
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

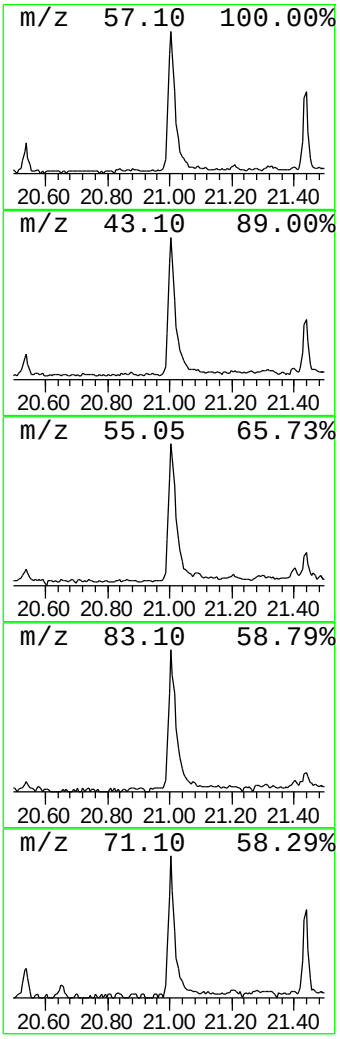
****

Peak Number 2 Ethanol, 2-(tetradecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.27 ng/ul	447526	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	Hexadecane, 1-(ethenyloxy)-	268	C18H36O	000822-28-6	87
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5	Cyclopentadecane	210	C15H30	000295-48-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021554.D
Acq On : 19 Jul 2019 11:32
Operator : HP/JU
Sample : K3764-23
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52H3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

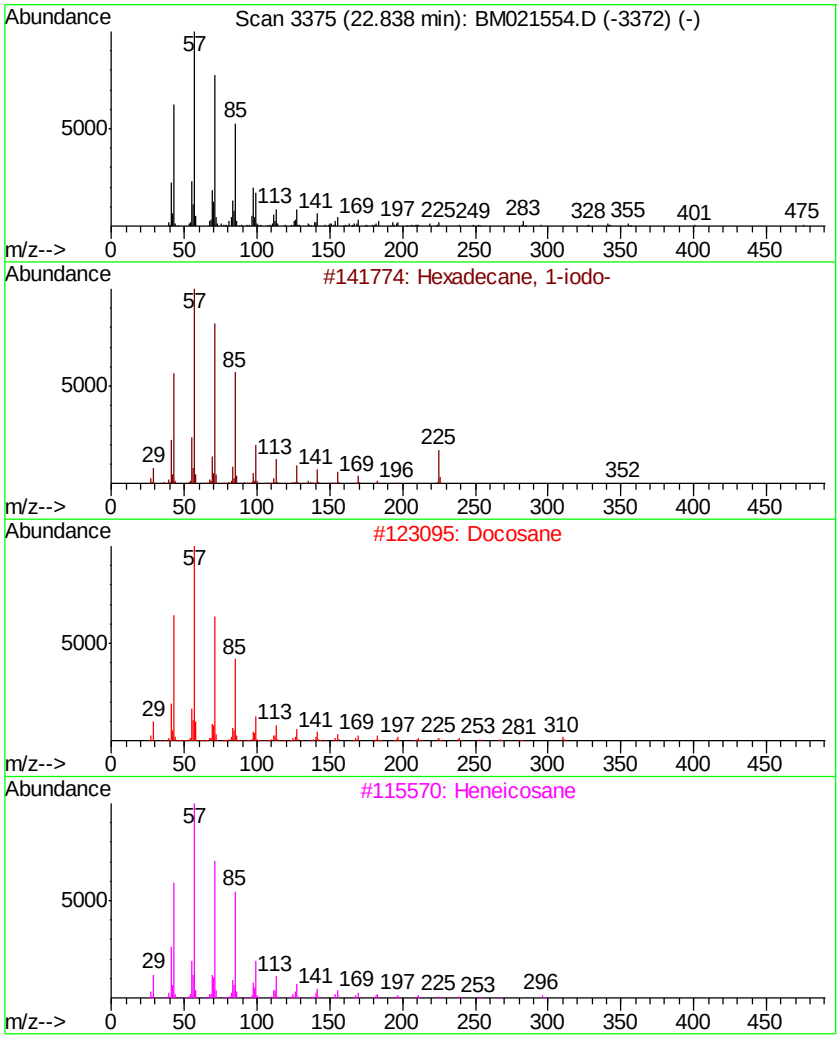
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

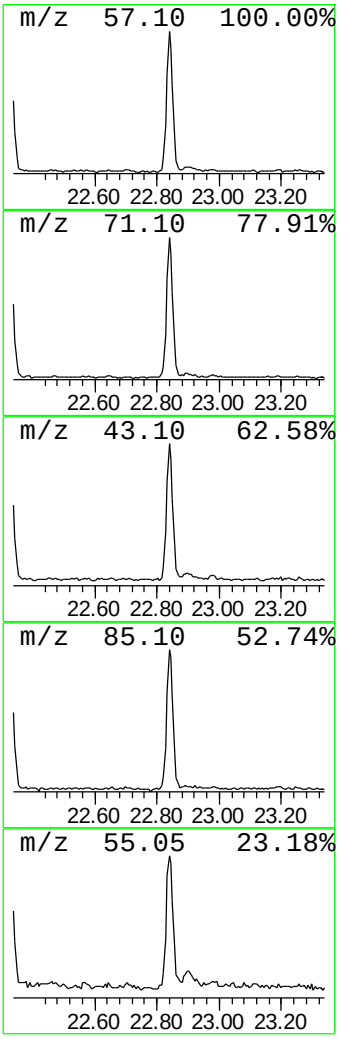
****

Peak Number 3 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.20 ng/ul	315236	Perylene-d12	23.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
2	Docosane	310	C22H46	000629-97-0	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Nonacosane	408	C29H60	000630-03-5	83
5	Octadecane	254	C18H38	000593-45-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021554.D
Acq On : 19 Jul 2019 11:32
Operator : HP/JU
Sample : K3764-23
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52H3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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	18.00	2.8	ng/ul	324266	4	17.11	2290490	20.0
Ethanol, 2-(tetra...	21.00	3.3	ng/ul	447526	5	21.30	2738820	20.0
Hexadecane, 1-iodo-	22.84	2.2	ng/ul	315236	6	23.55	2863090	20.0