LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024274.D
Acq On : 25 Dec 2019 03:24
Operator : JU
Sample : K6240-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS3

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-BM121719MA.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	2.993	15	18	28	rVB	73346	113017	1.60%	0.143%
2	6.634	632	637	650	rBV	302012	573808	8.10%	0.728%
3	6.781	656	662	679	rBV	988121	1638804	23.15%	2.080%
4	6.969	687	694	706	rBV	1151674	1867790	26.38%	2.371%
5	7.428	765	772	780	rBV	1226765	1944889	27.47%	2.469%
6	8.157	889	896	912	rBV	889843	1546575	21.85%	1.963%
7	8.581	962	968	989	rBV	1208908	2108789	29.79%	2.677%
8	9.010	1036	1041	1045	rBV2	36676	55390	0.78%	0.070%
9	9.298	1083	1090	1106	rBV	1013048	1752302	24.75%	2.225%
10	9.839	1175	1182	1207	rBV	1394154	2692250	38.03%	3.418%
11	10.192	1235	1242	1256	rBV	1648630	2790604	39.42%	3.543%
12	10.363	1263	1271	1290	rBV	117660	304598	4.30%	0.387%
13	11.757	1503	1508	1512	rBV6	4778	9605	0.14%	0.012%
14	11.810	1512	1517	1523	rVV3	17917	35322	0.50%	0.045%
15	13.286	1763	1768	1772	rBV8	4745	9135	0.13%	0.012%
16	13.392	1781	1786	1792	rBV9	7982	18621	0.26%	0.024%
17	13.516	1801	1807	1812	rBV	2834631	3976213	56.16%	5.048%
18	13.569	1812	1816	1822	rVB	190940	291315	4.11%	0.370%
19	13.780	1845	1852	1864	rBV	3503327	5082536	71.79%	6.452%
20	14.027	1888	1894	1897	rVB7	6990	10605	0.15%	0.013%
21	14.092	1897	1905	1916	rBV2	2457456	3567035	50.38%	4.528%
22	14.368	1945	1952	1967	rBV2	108625	317937	4.49%	0.404%
23	14.551	1980	1983	1989	rVB6	13708	19379	0.27%	0.025%
24	14.980	2054	2056	2060	rVB4	9128	7254	0.10%	0.009%
25	15.098	2069	2076	2089	rBV	4298975	6003149	84.79%	7.621%
26	15.251	2097	2102	2113	rBV	688311	1040010	14.69%	1.320%
27	15.339	2113	2117	2123	rVB	53725	82543	1.17%	0.105%
28	15.539	2146	2151	2154	rBV5	9069	13609	0.19%	0.017%
29	15.845	2200	2203	2206	rBV4	8111	10839	0.15%	0.014%
30	15.886	2206	2210	2217	rVB5	15253	32714	0.46%	0.042%
31	16.104	2244	2247	2252	rBV6	4781	8485	0.12%	0.011%
32	16.527	2317	2319	2325	rVB7	11199	15776	0.22%	0.020%
33	16.639	2334	2338	2342	rBV5	23409	35117	0.50%	0.045%
34	16.851	2368	2374	2384	rBV	2829821	3890853	54.96%	4.940%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024274.D
Acq On : 25 Dec 2019 03:24
Operator : JU
Sample : K6240-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS3

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-BM121719MA.M
Title : SVOA CALIBRATION

35	16.951	2385	2391	2405	rVV	4652444	6290833	88.86%	7.986%
36	17.268	2443	2445	2450	rVB6	10942	11134	0.16%	0.014%
37	17.504	2482	2485	2487	rBV3	10508	10113	0.14%	0.013%
38	17.780	2527	2532	2540	rBV	296420	494913	6.99%	0.628%
39	18.892	2717	2721	2724	rBV	55505	79721	1.13%	0.101%
40	19.074	2748	2752	2758	rBV3	162593	257430	3.64%	0.327%
41	19.145	2761	2764	2768	rVB	48610	74433	1.05%	0.094%
42	19.262	2778	2784	2789	rBV	5151419	6913436	97.65%	8.777%
43	19.839	2880	2882	2886	rVB	78008	86772	1.23%	0.110%
44	20.339	2964	2967	2971	rVB2	139684	161551	2.28%	0.205%
45	20.803	3042	3046	3053	rBV	1199483	1489840	21.04%	1.891%
46	21.068	3086	3091	3097	rBV	3033056	4047421	57.17%	5.138%
47	21.245	3118	3121	3125	rVB	389451	396014	5.59%	0.503%
48	21.662	3189	3192	3203	rBV	559647	783985	11.07%	0.995%
49	22.103	3263	3267	3274	rVB	755081	939550	13.27%	1.193%
50	22.580	3344	3348	3357	rVB	834018	1129994	15.96%	1.435%
51	23.062	3424	3430	3435	rBV	4139535	7079716	100.00%	8.988%
52	23.109	3435	3438	3444	rVB	888293	1221531	17.25%	1.551%
53	23.197	3447	3453	3462	rVB	2437676	4354946	61.51%	5.529%
54	23.709	3536	3540	3546	rVB	617190	1079819	15.25%	1.371%

Sum of corrected areas: 78770020

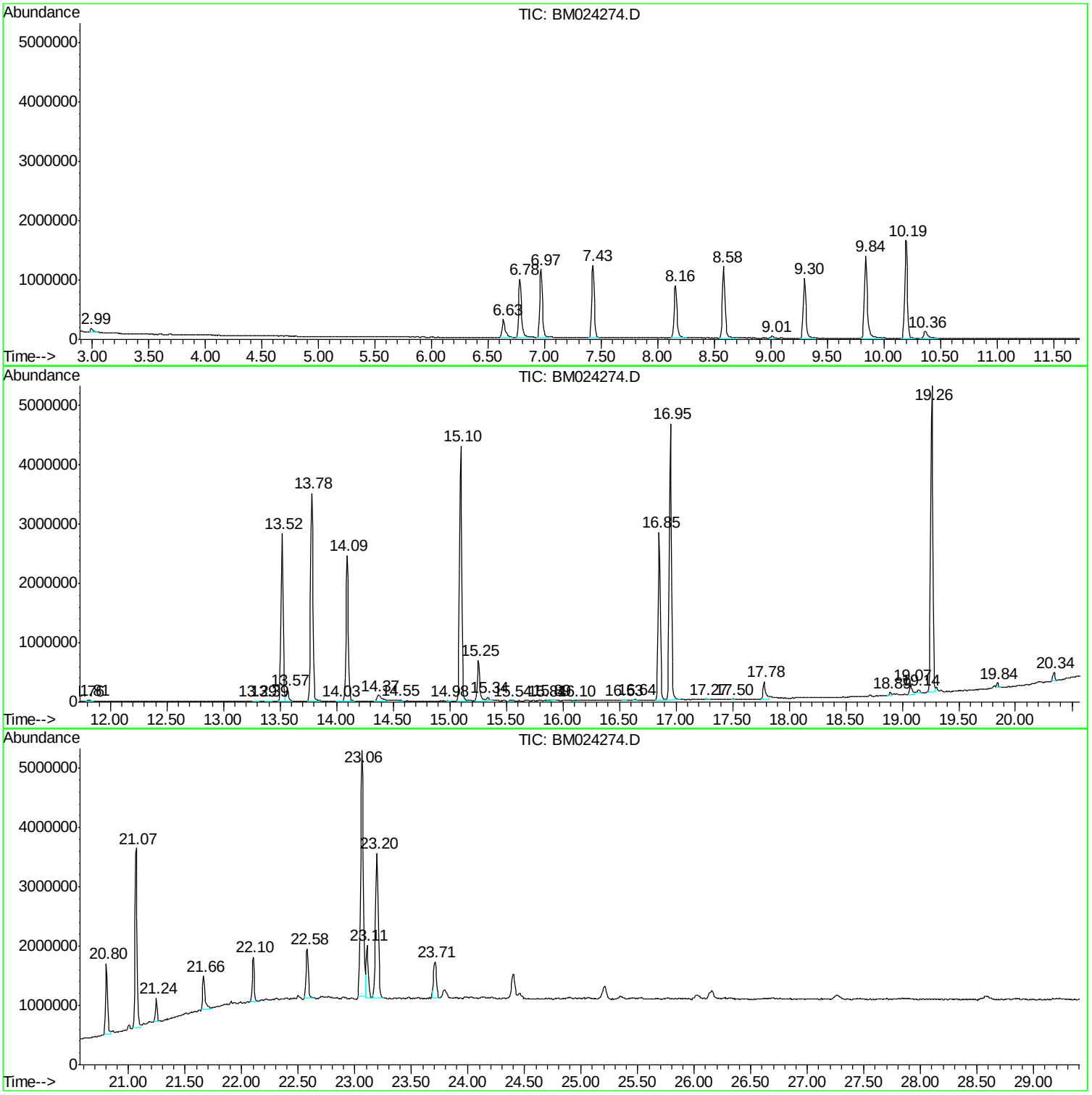
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024274.D
Acq On : 25 Dec 2019 03:24
Operator : JU
Sample : K6240-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024274.D
Acq On : 25 Dec 2019 03:24
Operator : JU
Sample : K6240-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

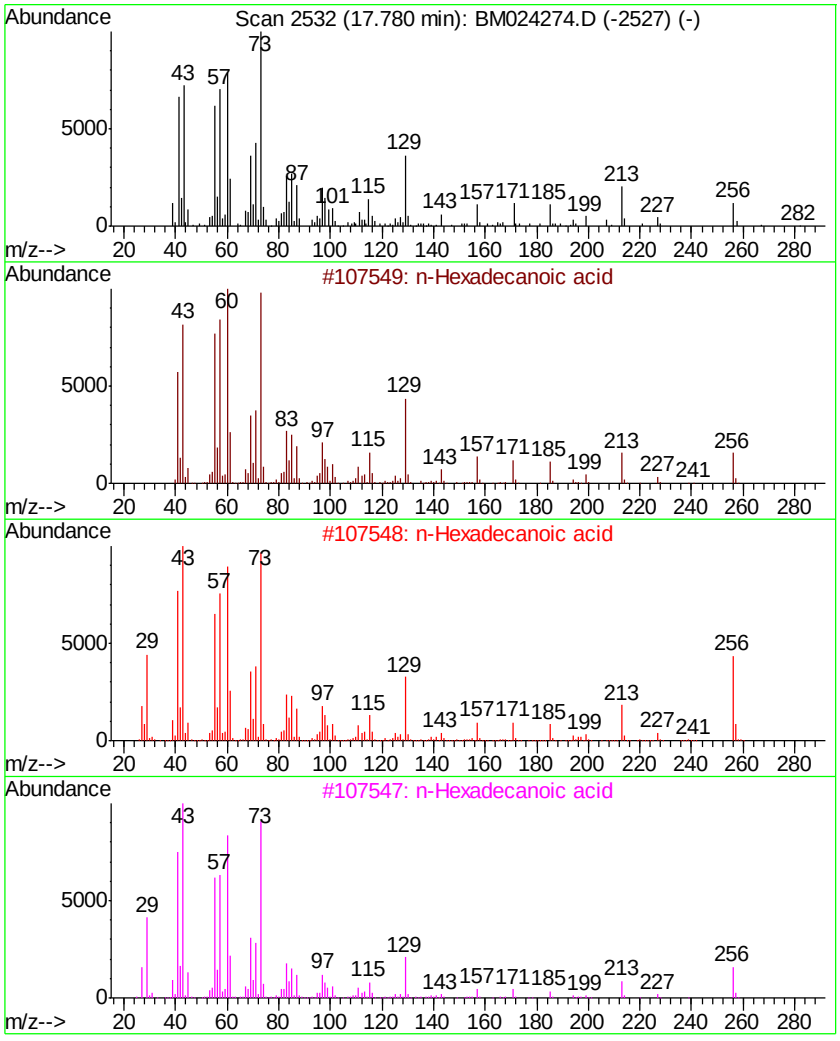
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

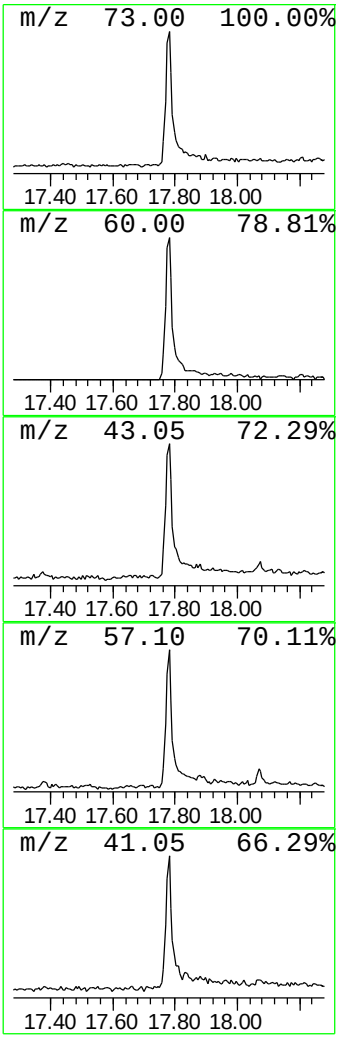
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.54 ng/ul	494913	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024274.D
Acq On : 25 Dec 2019 03:24
Operator : JU
Sample : K6240-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

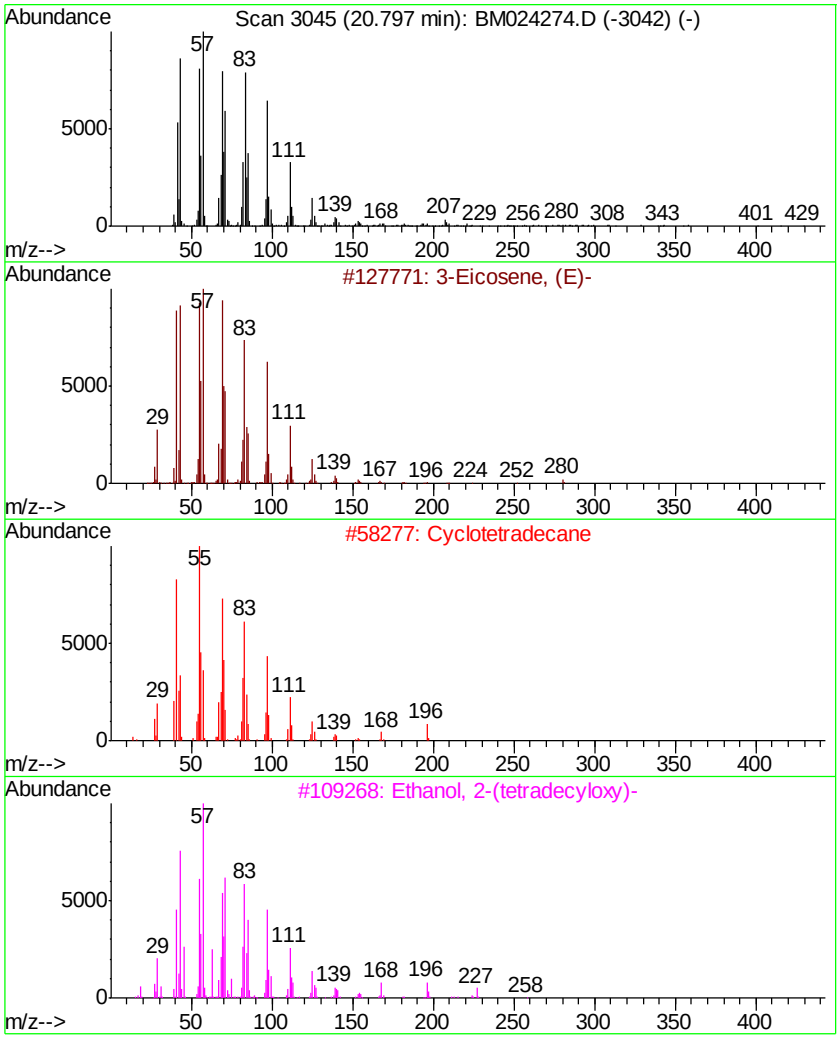
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

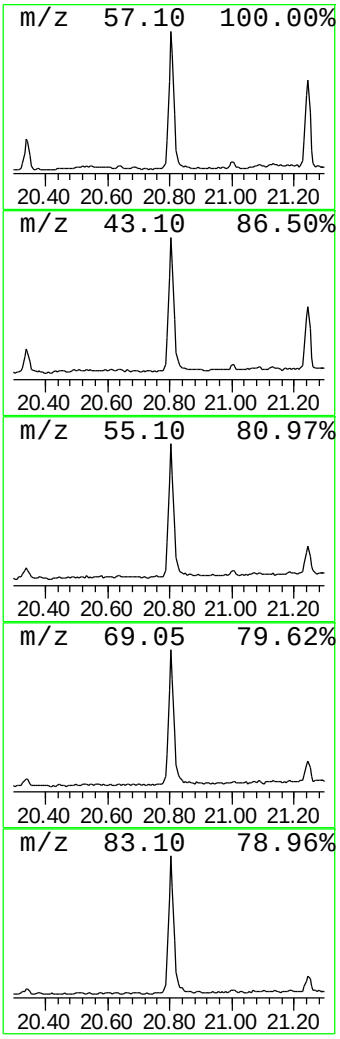
****

Peak Number 2 (DEL) Alkane: Cyclic20.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	7.36 ng/ul	1489840	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Cyclotetradecane	196	C14H28	000295-17-0	92
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024274.D
Acq On : 25 Dec 2019 03:24
Operator : JU
Sample : K6240-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

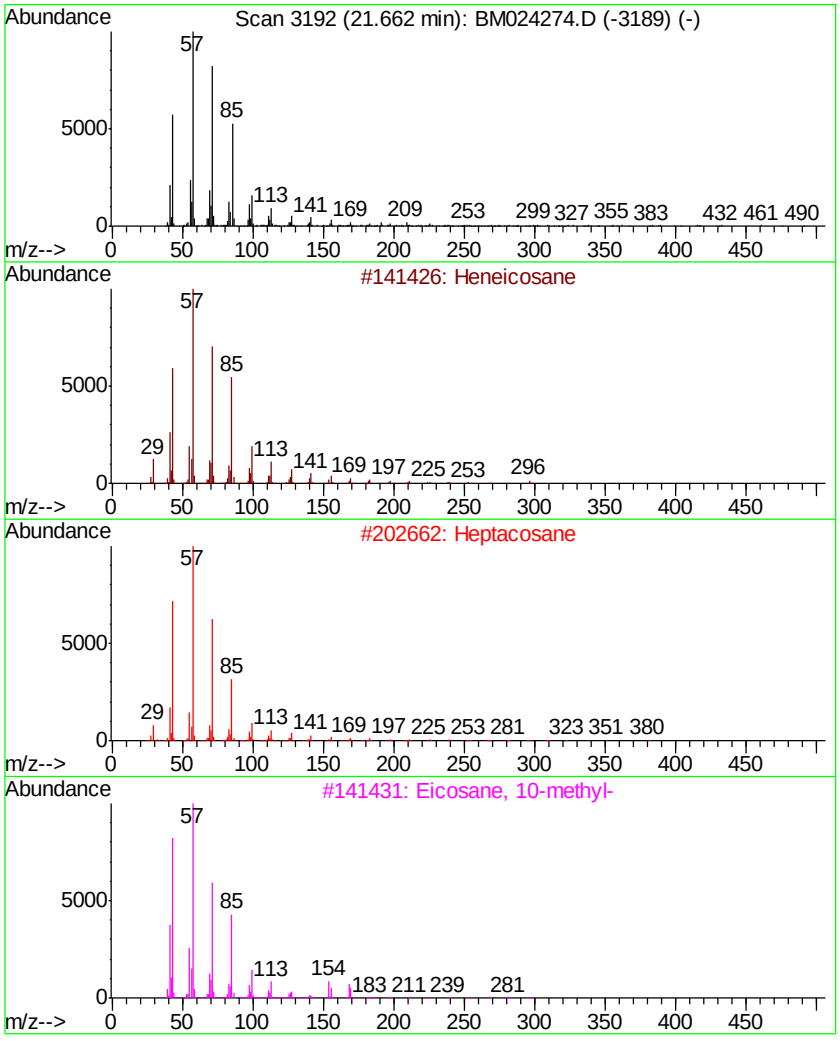
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

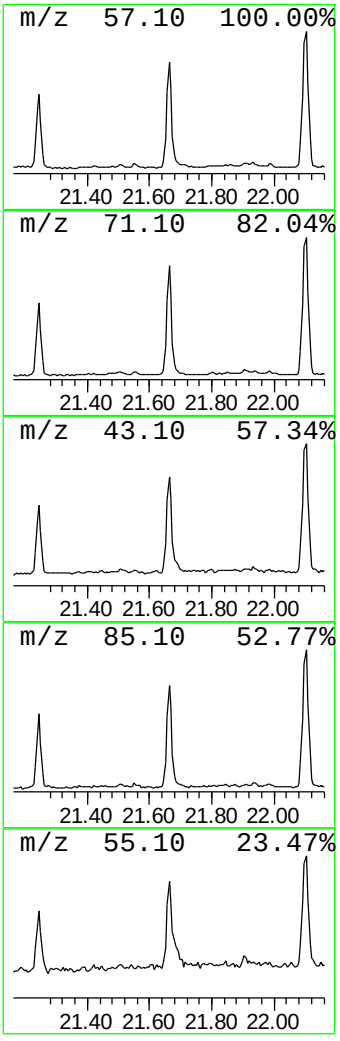
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	3.87 ng/ul	783985	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptacosane	380	C27H56	000593-49-7	95
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4	Eicosane	282	C20H42	000112-95-8	93
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024274.D
Acq On : 25 Dec 2019 03:24
Operator : JU
Sample : K6240-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS3

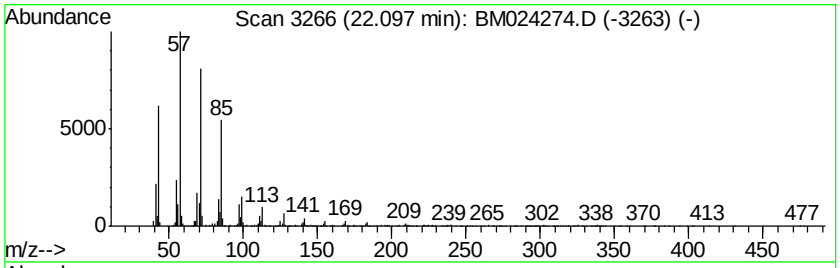
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

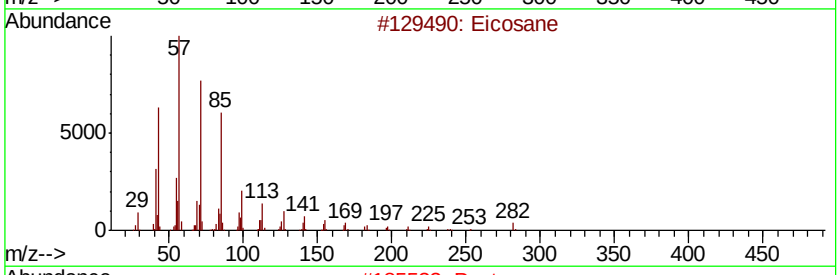
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

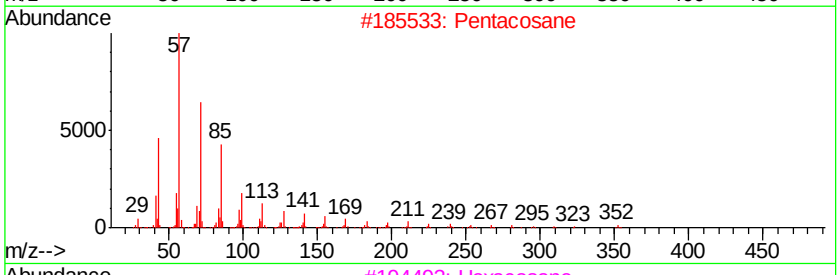
****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

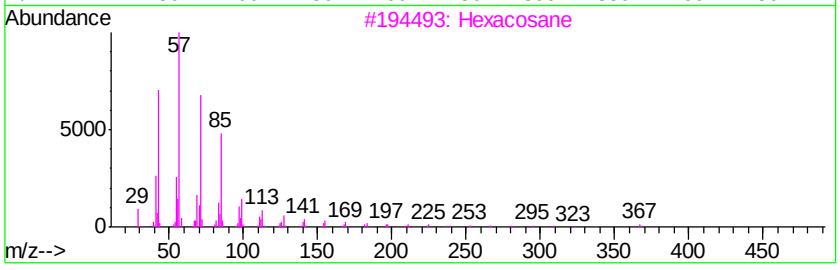
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	4.64 ng/ul	939550	Chrysene-d12	21.07

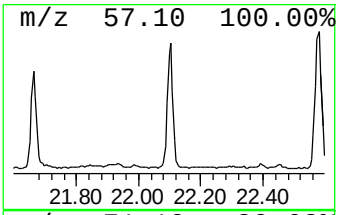
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Pentacosane	352	C25H52	000629-99-2	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91

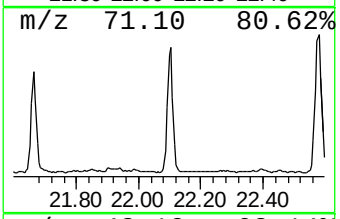


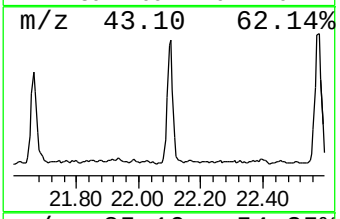


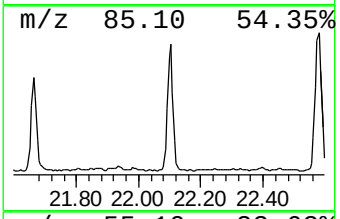


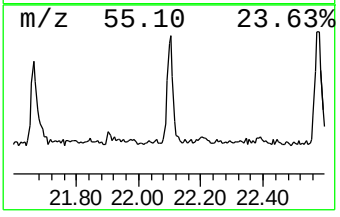












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Data File : BM024274.D
Acq On : 25 Dec 2019 03:24
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

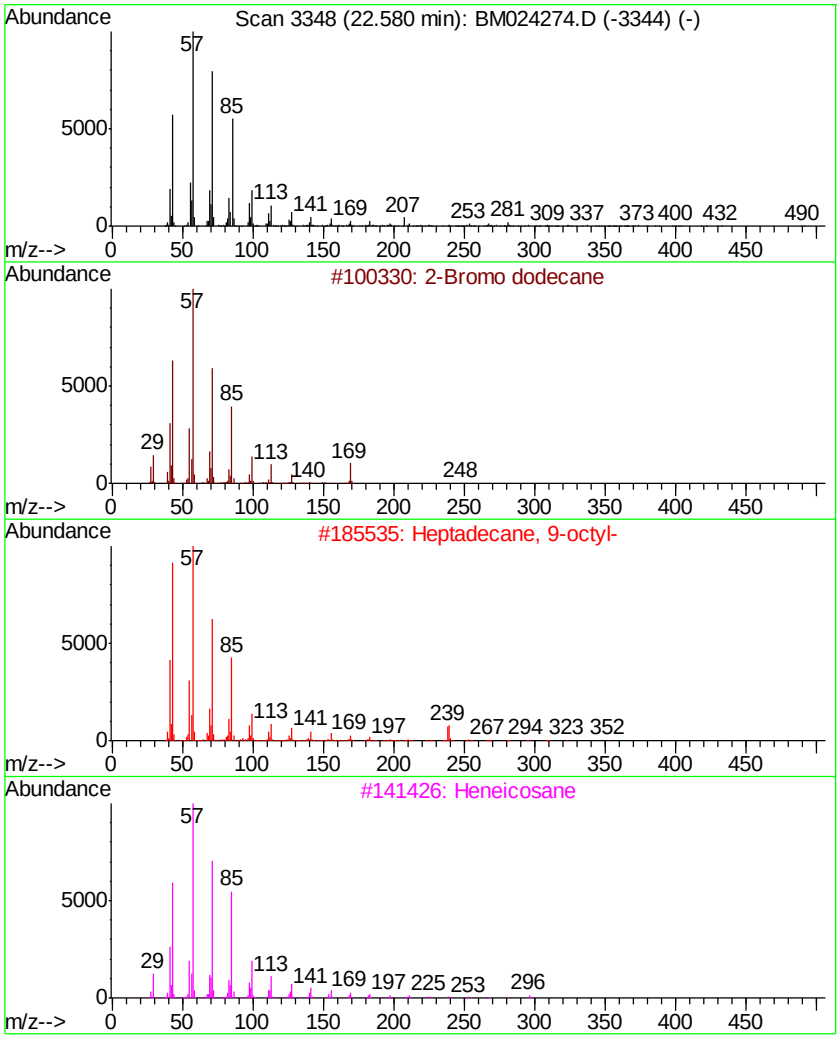
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

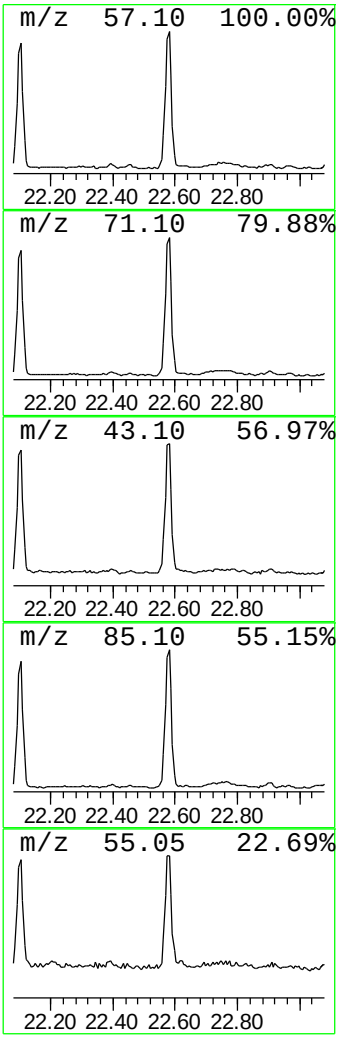
****

Peak Number 5 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	5.19 ng/ul	1129990	Perylene-d12	23.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
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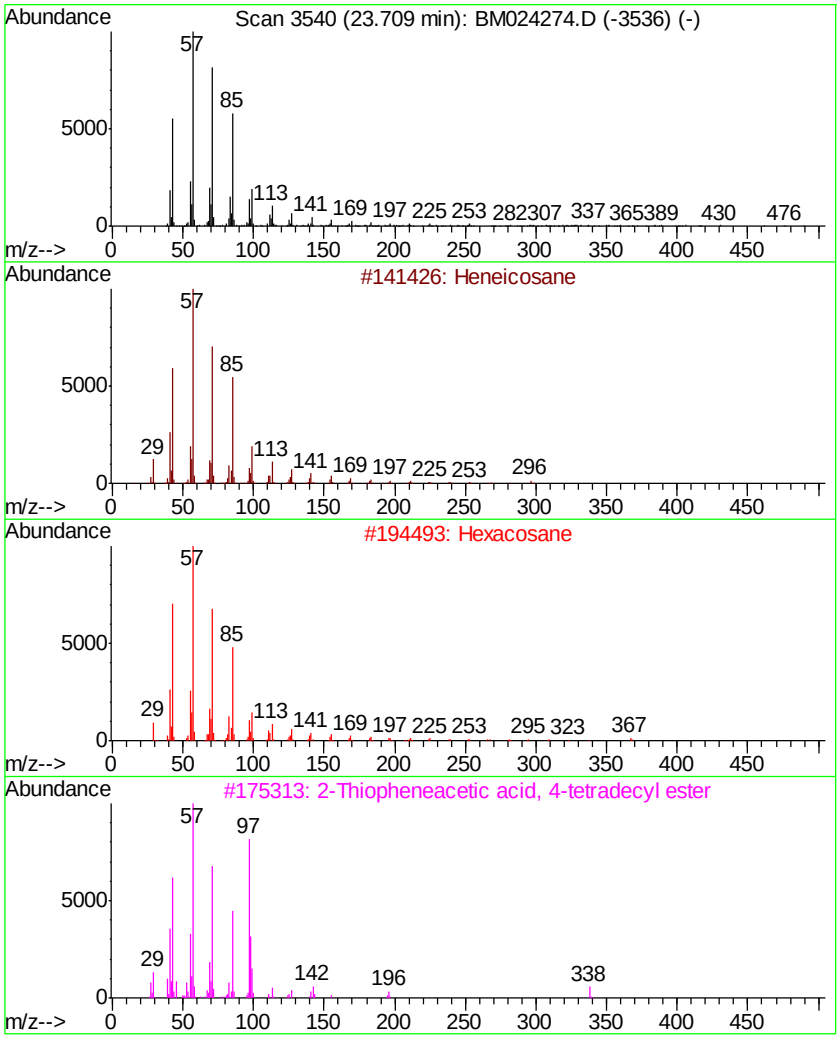
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

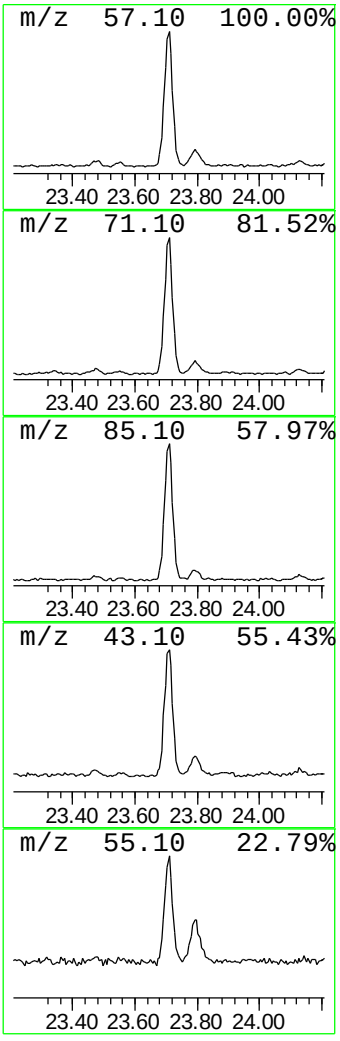
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.71	4.96 ng/ul	1079820	Perylene-d12	23.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Octadecane	254	C18H38	000593-45-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024274.D
Acq On : 25 Dec 2019 03:24
Operator : JU
Sample : K6240-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.78	2.5	ng/ul	494913	4	16.85	3890850	20.0
(DEL) Alkane: Cyc...	20.80	7.4	ng/ul	1489840	5	21.07	4047420	20.0
(DEL) Alkane: Str...	21.66	3.9	ng/ul	783985	5	21.07	4047420	20.0
(DEL) Alkane: Str...	22.10	4.6	ng/ul	939550	5	21.07	4047420	20.0
2-Bromo dodecane	22.58	5.2	ng/ul	1129990	6	23.20	4354950	20.0
(DEL) Alkane: Str...	23.71	5.0	ng/ul	1079820	6	23.20	4354950	20.0