LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

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-BM063020MA.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	2.902	25	28	33	rBV	26534	33244	0.51%	0.071%
2	3.166	69	73	75	rBV5	4548	6726	0.10%	0.014%
3	3.507	127	131	138	rVB4	7083	12296	0.19%	0.026%
4	3.590	142	145	149	rBV3	6164	6855	0.10%	0.015%
5	4.672	322	329	351	rVB	3370948	4685418	71.61%	10.038%
6	6.519	638	643	653	rVB	91232	157273	2.40%	0.337%
7	6.660	660	667	678	rBV	334943	511960	7.82%	1.097%
8	6.842	692	698	712	rVB	375347	592602	9.06%	1.270%
9	7.189	750	757	769	rVB	1747624	2606921	39.85%	5.585%
10	7.301	769	776	777	rBV	336381	479578	7.33%	1.027%
11	7.337	777	782	796	rVB	4532951	6542651	100.00%	14.018%
12	7.642	827	834	843	rBV	418461	652093	9.97%	1.397%
13	8.031	894	900	911	rBV	284961	460276	7.04%	0.986%
14	8.448	964	971	981	rBV	483656	763484	11.67%	1.636%
15	9.160	1083	1092	1111	rBV	424855	687427	10.51%	1.473%
16	9.701	1177	1184	1193	rBV	475591	904003	13.82%	1.937%
17	9.925	1214	1222	1235	rBV	2547712	3991341	61.00%	8.551%
18	10.054	1237	1244	1255	rBV	472506	746202	11.41%	1.599%
19	10.225	1267	1273	1287	rBV2	25139	64227	0.98%	0.138%
20	11.672	1514	1519	1523	rVB3	5552	8102	0.12%	0.017%
21	12.571	1666	1672	1679	rBV4	4422	7385	0.11%	0.016%
22	13.395	1805	1812	1816	rBV	1221966	1600298	24.46%	3.429%
23	13.442	1816	1820	1829	rVB	214535	300538	4.59%	0.644%
24	13.648	1848	1855	1865	rBV	1236318	1716628	26.24%	3.678%
25	13.960	1901	1908	1912	rBV	709387	1016796	15.54%	2.178%
26	13.995	1912	1914	1922	rVB	114814	135771	2.08%	0.291%
27	14.248	1952	1957	1981	rBV2	33109	121705	1.86%	0.261%
28	14.624	2014	2021	2026	rBV5	9534	14599	0.22%	0.031%
29	14.748	2038	2042	2048	rVB	21278	29646	0.45%	0.064%
30	14.971	2073	2080	2091	rBV	1622987	2188579	33.45%	4.689%
31	15.124	2100	2106	2116	rBV	619114	906257	13.85%	1.942%
32	15.212	2118	2121	2126	rVB2	19140	25156	0.38%	0.054%
33	15.759	2211	2214	2218	rVB3	6949	8742	0.13%	0.019%
34	15.877	2231	2234	2243	rBV7	11951	19109	0.29%	0.041%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

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-BM063020MA.M
Title : SVOA CALIBRATION

35	16.401	2321	2323	2327	rVB4	4721	6629	0.10%	0.014%
36	16.524	2339	2344	2348	rVB5	4911	8156	0.12%	0.017%
37	16.724	2369	2378	2388	rBV	917403	1242553	18.99%	2.662%
38	16.824	2388	2395	2406	rBV	1860824	2521035	38.53%	5.401%
39	17.189	2454	2457	2464	rVB4	3797	7154	0.11%	0.015%
40	17.665	2532	2538	2545	rBV	110441	160176	2.45%	0.343%
41	17.724	2546	2548	2553	rVB2	8767	10902	0.17%	0.023%
42	18.771	2721	2726	2730	rBV	19474	27924	0.43%	0.060%
43	18.959	2755	2758	2764	rBV2	32285	49930	0.76%	0.107%
44	19.018	2765	2768	2772	rVB	20021	26406	0.40%	0.057%
45	19.136	2781	2788	2795	rBV	2386162	3052745	46.66%	6.540%
46	19.230	2800	2804	2807	rVB6	6599	9357	0.14%	0.020%
47	19.700	2881	2884	2887	rBV4	8880	11348	0.17%	0.024%
48	20.236	2971	2975	2978	rVB6	12873	17924	0.27%	0.038%
49	20.694	3049	3053	3062	rBV	224637	327340	5.00%	0.701%
50	20.947	3090	3096	3104	rBV	1126960	1463924	22.38%	3.136%
51	21.136	3125	3128	3135	rBV	80137	93918	1.44%	0.201%
52	21.553	3195	3199	3207	rBV	155698	200623	3.07%	0.430%
53	21.977	3267	3271	3275	rBV	235637	276140	4.22%	0.592%
54	22.436	3345	3349	3355	rVB	270712	341097	5.21%	0.731%
55	22.883	3418	3425	3430	rBV	1560169	2548300	38.95%	5.460%
56	22.936	3431	3434	3440	rVV	262534	389930	5.96%	0.835%
57	23.006	3440	3446	3453	rVV2	756641	1301680	19.90%	2.789%
58	23.506	3527	3531	3538	rVB	210474	330149	5.05%	0.707%
59	24.159	3638	3642	3650	rVB	137821	245451	3.75%	0.526%

Sum of corrected areas: 46674679

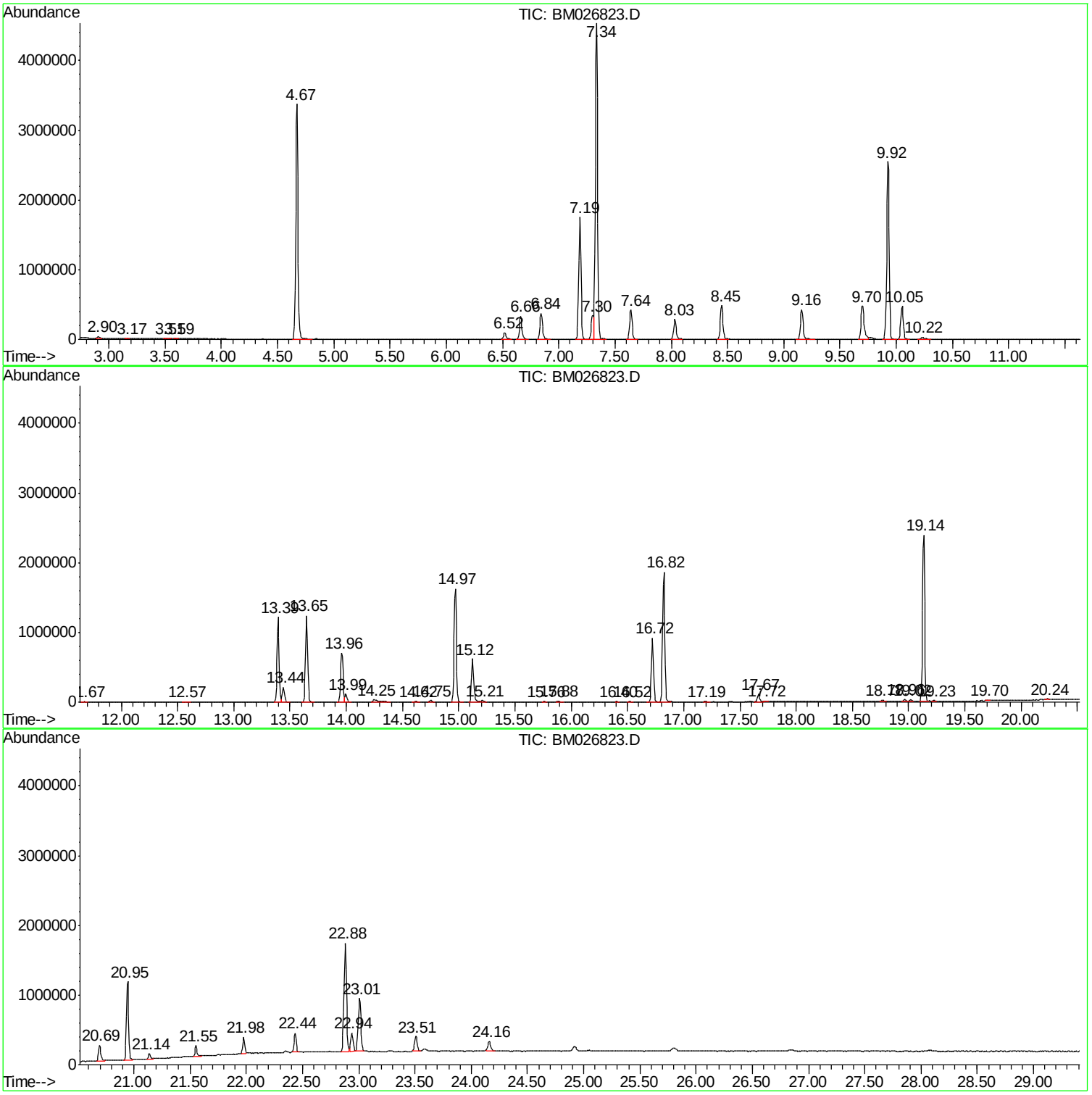
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.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\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

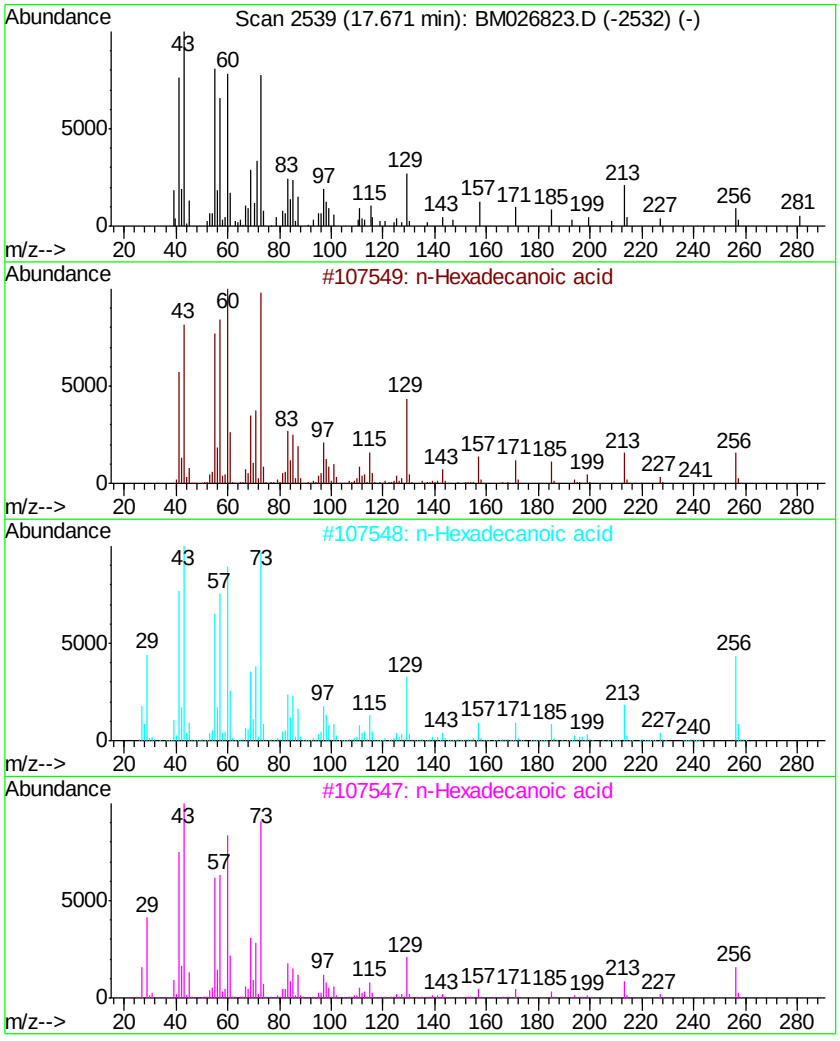
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

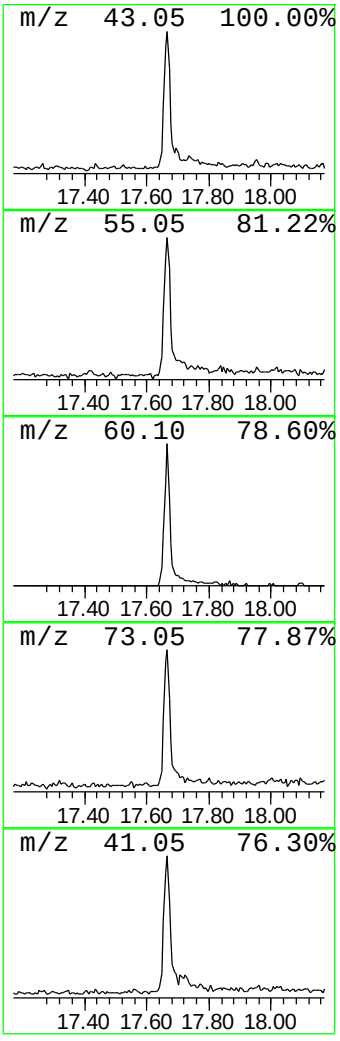
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.58 ng/ul	160176	Phenanthrene-d10	16.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

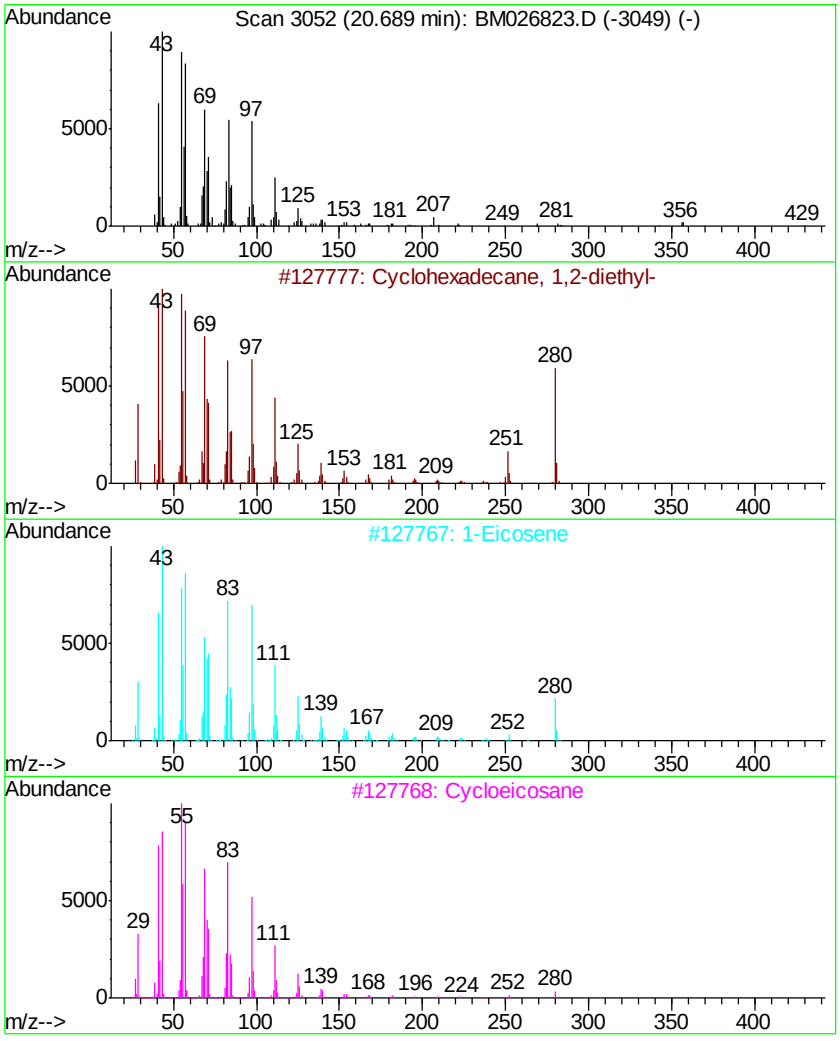
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

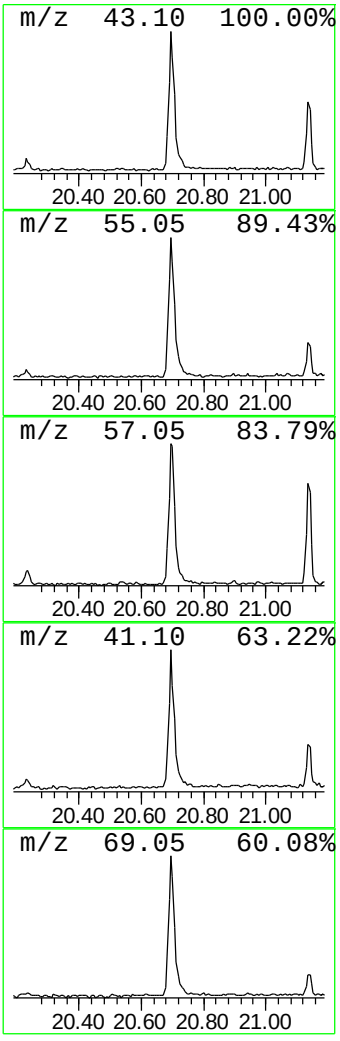
****

Peak Number 6 (DEL) Alkane: Cyclic20.69 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	4.47 ng/ul	327340	Chrysene-d12	20.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
2	1-Eicosene	280	C20H40	003452-07-1	98
3	Cycloeicosane	280	C20H40	000296-56-0	96
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
5	Cyclotetracosane	336	C24H48	000297-03-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

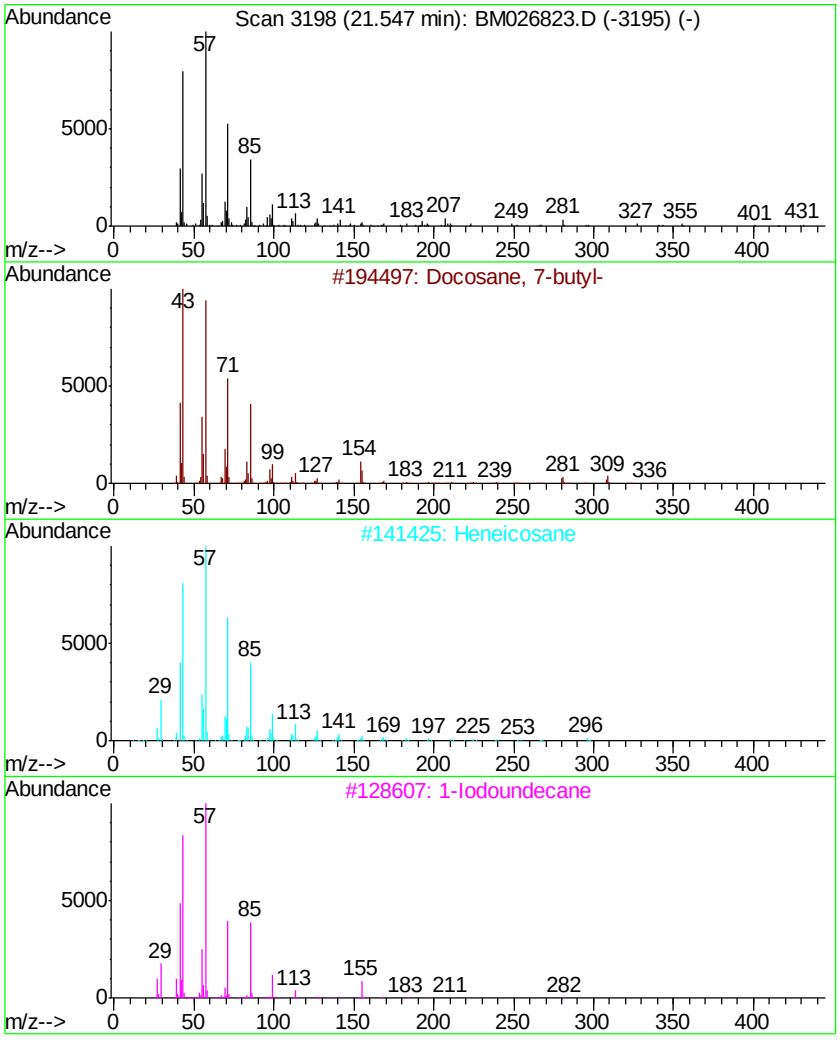
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

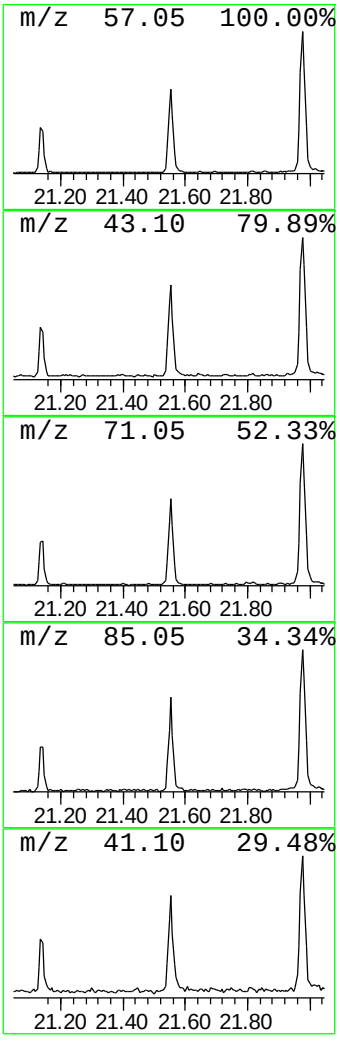
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.74 ng/ul	200623	Chrysene-d12	20.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-butyl-	366	C26H54	055282-15-0	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	1-Iodoundecane	282	C11H23I	004282-44-4	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

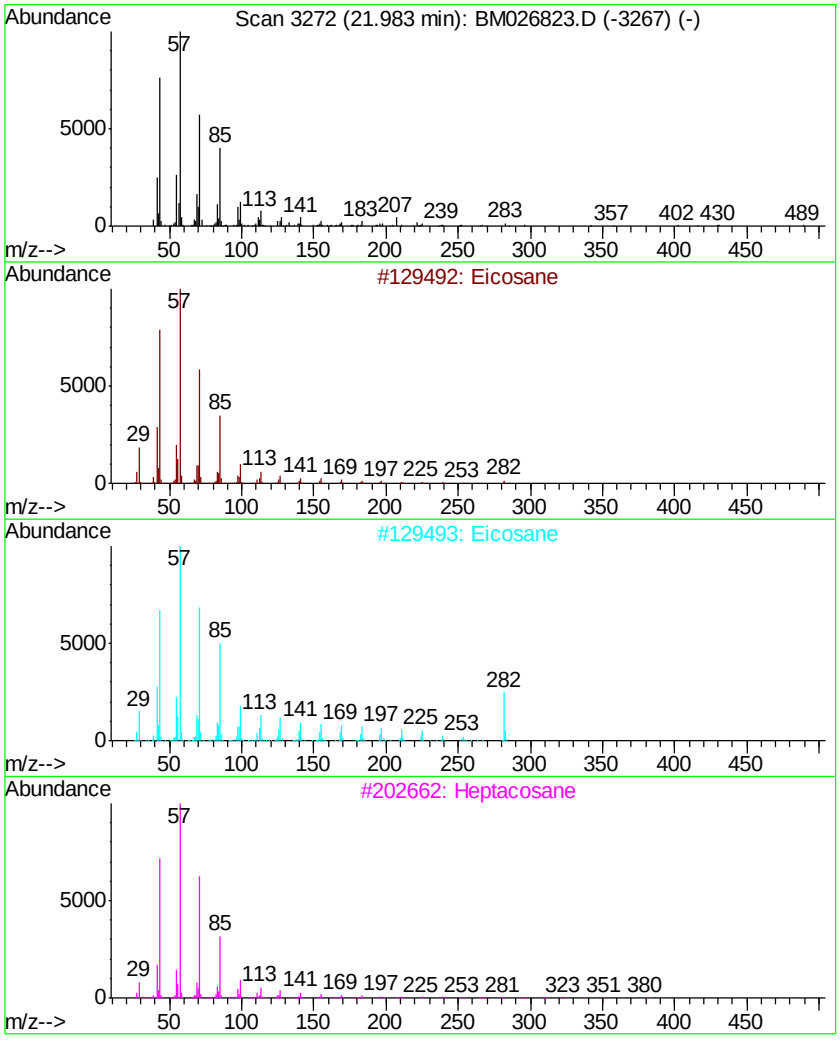
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

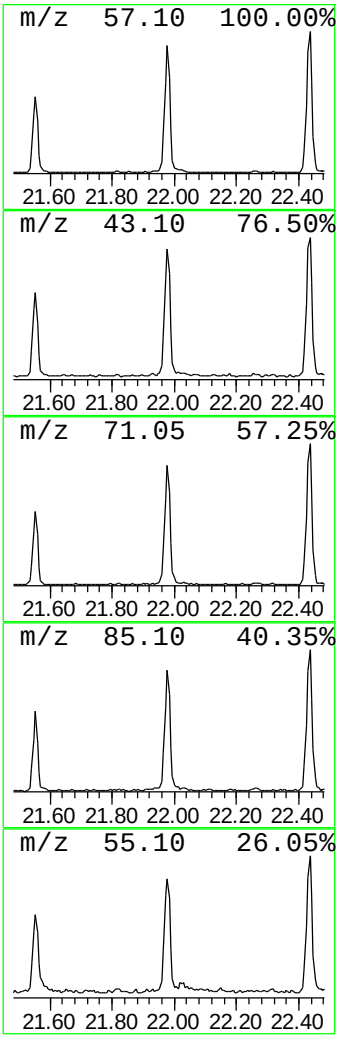
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	4.24 ng/ul	276140	Perylene-d12	23.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Tetratetracontane	619	C44H90	007098-22-8	87





Library Search Compound Report

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Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

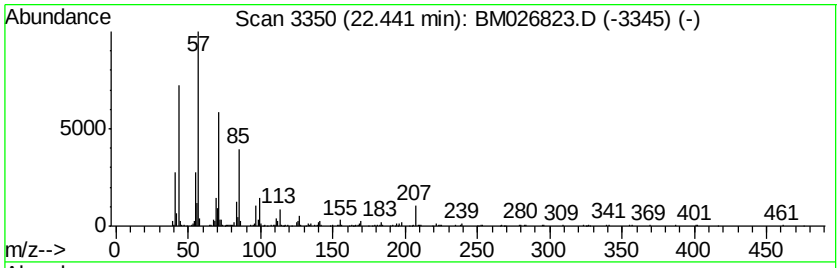
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

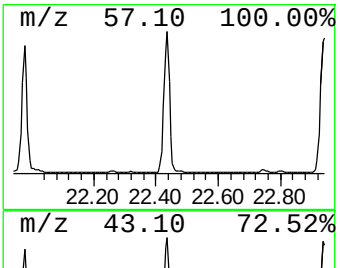
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	5.24 ng/ul	341097	Perylene-d12	23.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hexatriacontane	507	C36H74	000630-06-8	83





Library Search Compound Report

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Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

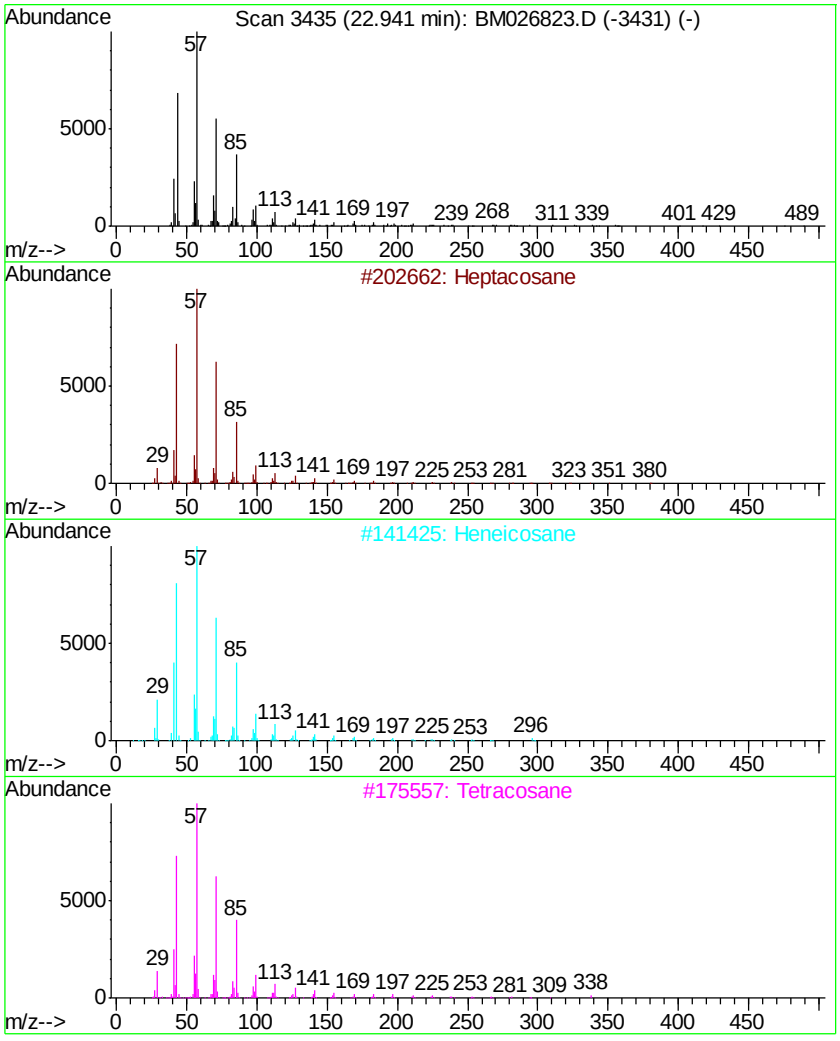
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

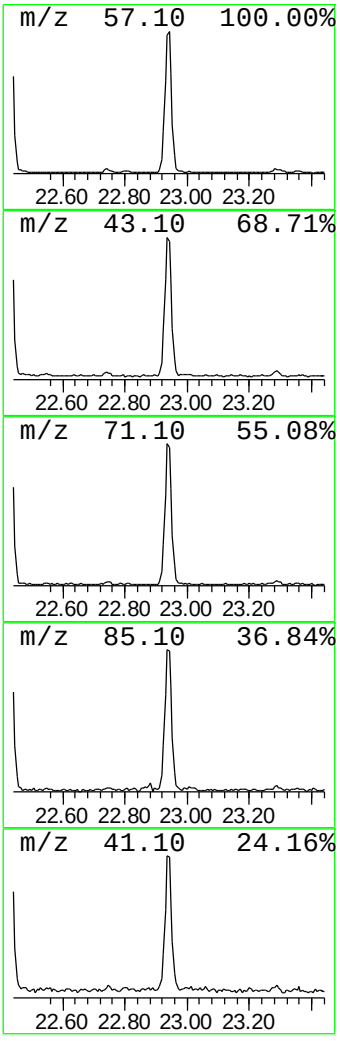
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	5.99 ng/ul	389930	Perylene-d12	23.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

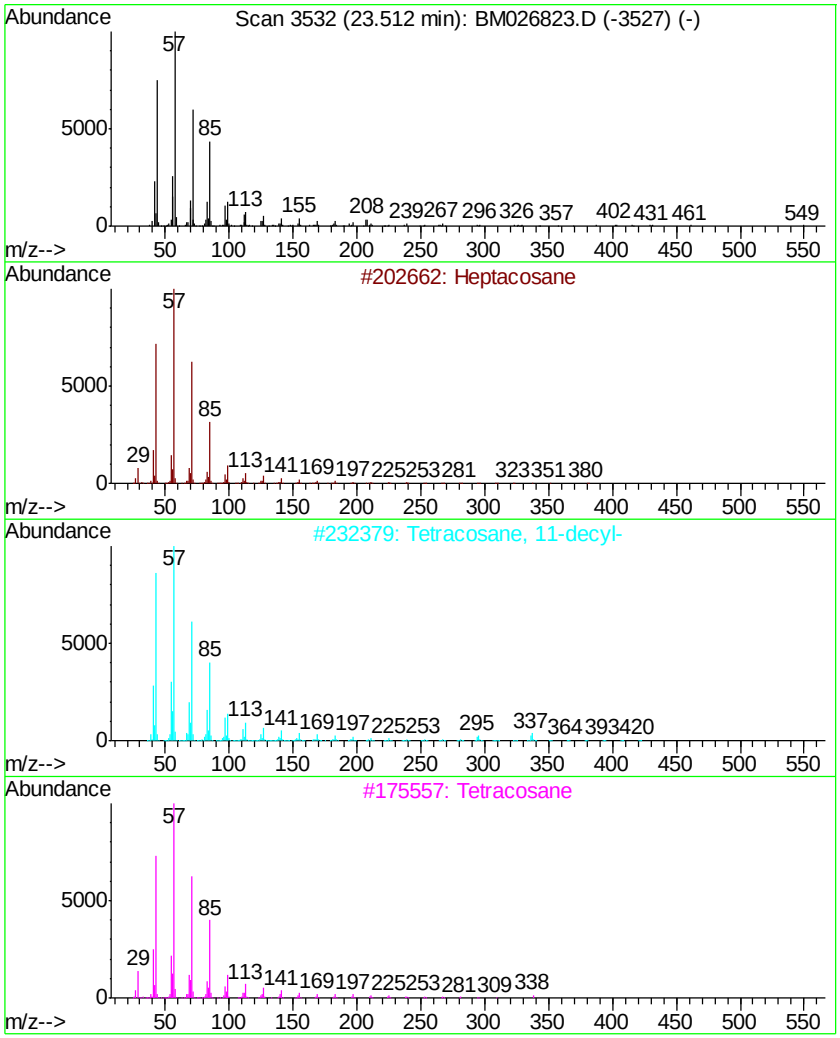
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

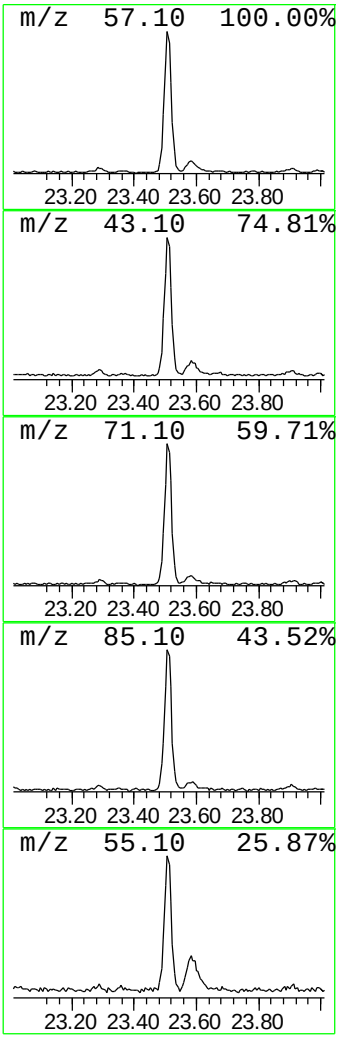
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	5.07 ng/ul	330149	Perylene-d12	23.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	87
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

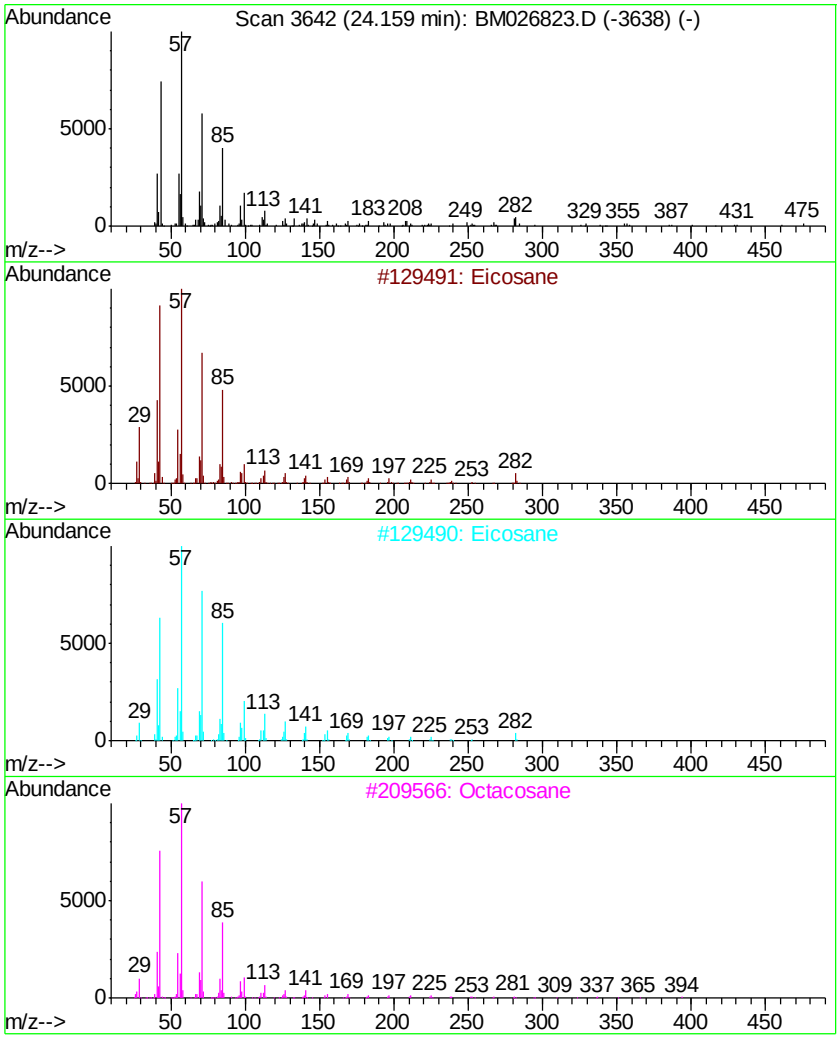
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

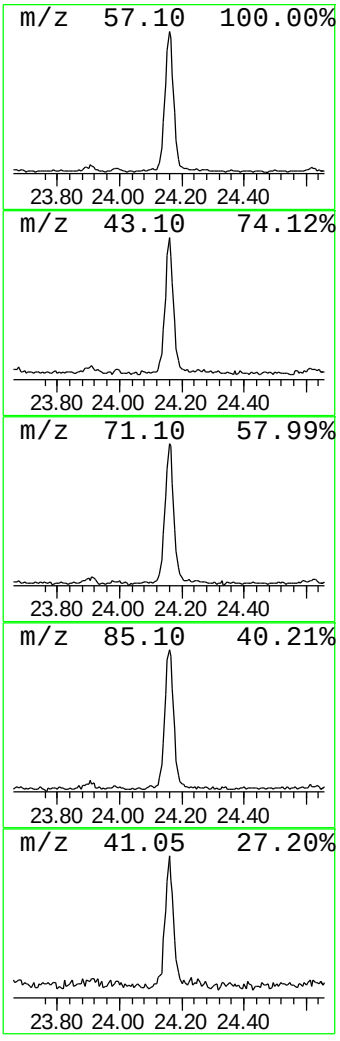
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.77 ng/ul	245451	Perylene-d12	23.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Octacosane	394	C28H58	000630-02-4	87
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	83
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072120\
Data File : BM026823.D
Acq On : 22 Jul 2020 00:23
Operator : JU/CG
Sample : L3336-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP(071520)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.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	17.67	2.6	ng/ul	160176	4	16.72	1242550	20.0
(DEL) Alkane: Cyc...	20.69	4.5	ng/ul	327340	5	20.95	1463920	20.0
(DEL) Alkane: Str...	21.55	2.7	ng/ul	200623	5	20.95	1463920	20.0
(DEL) Alkane: Str...	21.98	4.2	ng/ul	276140	6	23.01	1301680	20.0
(DEL) Alkane: Str...	22.44	5.2	ng/ul	341097	6	23.01	1301680	20.0
(DEL) Alkane: Str...	22.94	6.0	ng/ul	389930	6	23.01	1301680	20.0
(DEL) Alkane: Str...	23.51	5.1	ng/ul	330149	6	23.01	1301680	20.0
(DEL) Alkane: Str...	24.16	3.8	ng/ul	245451	6	23.01	1301680	20.0