LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011620\
Data File : BM024489.D
Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

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-BM011520MA.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	3.063	27	30	36	rBV	34239	44816	0.71%	0.084%
2	3.687	131	136	138	rBV4	7590	8866	0.14%	0.017%
3	6.651	634	640	649	rBV	175984	277728	4.42%	0.521%
4	6.810	661	667	677	rBV	408063	614575	9.78%	1.152%
5	6.998	693	699	711	rBV	500140	783612	12.46%	1.469%
6	7.463	772	778	790	rBV	557089	865522	13.77%	1.623%
7	8.169	891	898	912	rBV	433740	666678	10.60%	1.250%
8	8.263	912	914	922	rVB4	4276	7395	0.12%	0.014%
9	8.598	963	971	983	rBV	615369	1010792	16.08%	1.895%
10	8.857	1011	1015	1021	rBV2	25195	36836	0.59%	0.069%
11	9.098	1054	1056	1062	rVB3	4843	7586	0.12%	0.014%
12	9.316	1085	1093	1107	rBV	521124	851688	13.55%	1.597%
13	9.851	1177	1184	1193	rBV	800452	1296798	20.63%	2.431%
14	10.222	1240	1247	1260	rBV	819824	1333192	21.21%	2.500%
15	10.357	1265	1270	1279	rBV	136083	233982	3.72%	0.439%
16	10.869	1351	1357	1360	rBV3	8424	12920	0.21%	0.024%
17	11.016	1376	1382	1385	rBV4	7097	9920	0.16%	0.019%
18	11.092	1392	1395	1402	rVB2	9046	11124	0.18%	0.021%
19	11.510	1461	1466	1471	rBV2	15622	24178	0.38%	0.045%
20	11.816	1514	1518	1524	rVB2	11169	19084	0.30%	0.036%
21	12.410	1615	1619	1626	rVV6	6261	8343	0.13%	0.016%
22	12.657	1656	1661	1667	rBV	22924	34220	0.54%	0.064%
23	13.039	1720	1726	1730	rBV3	5573	8912	0.14%	0.017%
24	13.533	1803	1810	1815	rBV	1826323	2563634	40.78%	4.807%
25	13.574	1815	1817	1823	rVB	115095	142759	2.27%	0.268%
26	13.686	1830	1836	1840	rVB2	14518	20133	0.32%	0.038%
27	13.792	1847	1854	1864	rBV	1915909	2824577	44.93%	5.296%
28	14.110	1901	1908	1917	rBV	1503882	2162158	34.39%	4.054%
29	14.316	1937	1943	1948	rBV	191083	294822	4.69%	0.553%
30	14.574	1982	1987	1991	rBV4	5735	8499	0.14%	0.016%
31	14.963	2046	2053	2059	rVB2	14004	18415	0.29%	0.035%
32	15.110	2071	2078	2087	rBV	2724864	3694244	58.76%	6.927%
33	15.227	2092	2098	2109	rBV	869068	1159889	18.45%	2.175%
34	15.351	2115	2119	2123	rVB2	29036	35551	0.57%	0.067%

LSC Area Percent Report

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Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

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-BM011520MA.M
Title : SVOA CALIBRATION

35	15.592	2153	2160	2164	rVB5	6460	11254	0.18%	0.021%
36	15.898	2206	2212	2216	rBV5	11791	18928	0.30%	0.035%
37	16.309	2278	2282	2289	rBV3	13611	19925	0.32%	0.037%
38	16.486	2307	2312	2316	rBV	30767	35655	0.57%	0.067%
39	16.645	2334	2339	2341	rBV2	7274	9812	0.16%	0.018%
40	16.674	2343	2344	2348	rVB4	6870	6382	0.10%	0.012%
41	16.857	2369	2375	2385	rBV	2055159	2785492	44.31%	5.223%
42	16.956	2385	2392	2407	rVB	3396747	4633935	73.71%	8.688%
43	17.074	2409	2412	2416	rBV6	16336	19081	0.30%	0.036%
44	17.292	2446	2449	2453	rVB6	7546	11308	0.18%	0.021%
45	17.409	2466	2469	2475	rBV5	5898	9030	0.14%	0.017%
46	17.668	2509	2513	2519	rBV5	33550	54553	0.87%	0.102%
47	17.804	2530	2536	2543	rBV	295006	430294	6.84%	0.807%
48	17.856	2543	2545	2549	rVB	12838	19900	0.32%	0.037%
49	18.109	2585	2588	2592	rVB4	11571	14198	0.23%	0.027%
50	18.168	2595	2598	2602	rVB4	7926	9708	0.15%	0.018%
51	18.239	2607	2610	2614	rBV6	9388	12166	0.19%	0.023%
52	18.362	2625	2631	2635	rBV7	11881	17871	0.28%	0.034%
53	18.480	2646	2651	2655	rVB7	7268	10382	0.17%	0.019%
54	18.674	2680	2684	2687	rBV5	7681	10992	0.17%	0.021%
55	18.750	2693	2697	2703	rBV3	16490	22193	0.35%	0.042%
56	18.892	2717	2721	2726	rBV	39923	55078	0.88%	0.103%
57	18.939	2726	2729	2731	rVV4	20259	25861	0.41%	0.048%
58	18.968	2731	2734	2742	rVB8	36300	61786	0.98%	0.116%
59	19.092	2751	2755	2760	rBV	134530	183817	2.92%	0.345%
60	19.145	2761	2764	2768	rVB	32028	47320	0.75%	0.089%
61	19.262	2778	2784	2792	rBV	4640839	5832248	92.77%	10.935%
62	19.333	2793	2796	2799	rVV2	34322	41079	0.65%	0.077%
63	19.368	2799	2802	2807	rVB4	26518	29307	0.47%	0.055%
64	19.515	2825	2827	2830	rBV	8444	7309	0.12%	0.014%
65	19.833	2878	2881	2884	rBV4	14894	18838	0.30%	0.035%
66	19.874	2884	2888	2893	rVB2	55514	63546	1.01%	0.119%
67	20.374	2970	2973	2976	rBV	95067	89123	1.42%	0.167%
68	20.827	3046	3050	3055	rBV2	338402	544836	8.67%	1.022%
69	21.062	3085	3090	3098	rBV	2727597	3509198	55.82%	6.580%
70	21.280	3123	3127	3132	rBV	243442	275029	4.37%	0.516%
71	21.697	3194	3198	3204	rBV	317241	360059	5.73%	0.675%

LSC Area Percent Report

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Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

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-BM011520MA.M
Title : SVOA CALIBRATION

72	22.139	3269	3273	3283	rVB	355375	458782	7.30%	0.860%
73	22.256	3289	3293	3299	rBV	380891	452656	7.20%	0.849%
74	22.621	3351	3355	3361	rVB	380340	504689	8.03%	0.946%
75	23.056	3422	3429	3440	rVB	3778866	6286937	100.00%	11.788%
76	23.186	3441	3451	3463	rVB	2129075	4283238	68.13%	8.031%
77	23.762	3544	3549	3555	rVB	300641	515779	8.20%	0.967%
78	24.456	3663	3667	3675	rVB2	224469	431178	6.86%	0.808%

Sum of corrected areas: 53334200

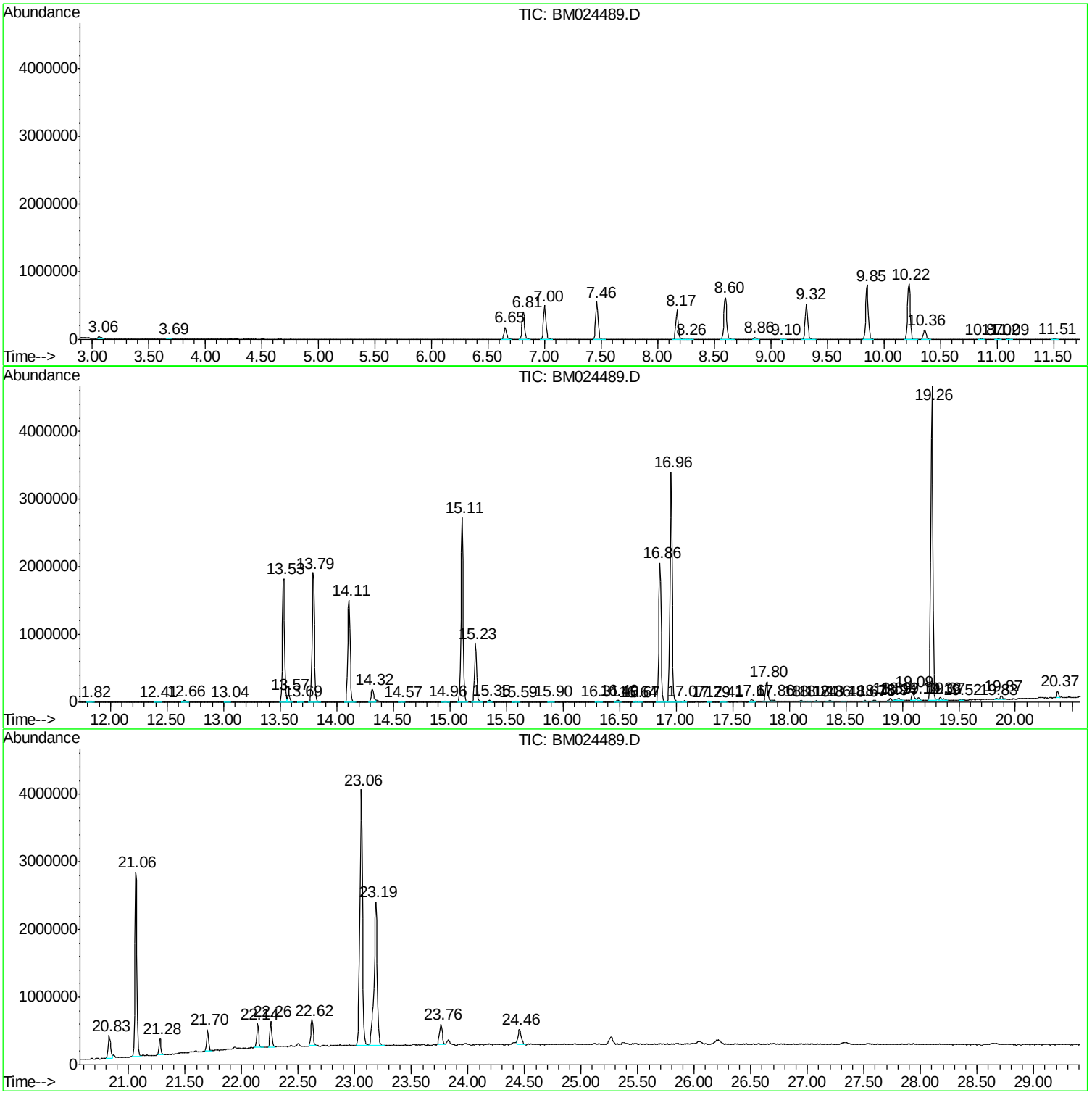
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011620\
Data File : BM024489.D
Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011620\
Data File : BM024489.D
Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

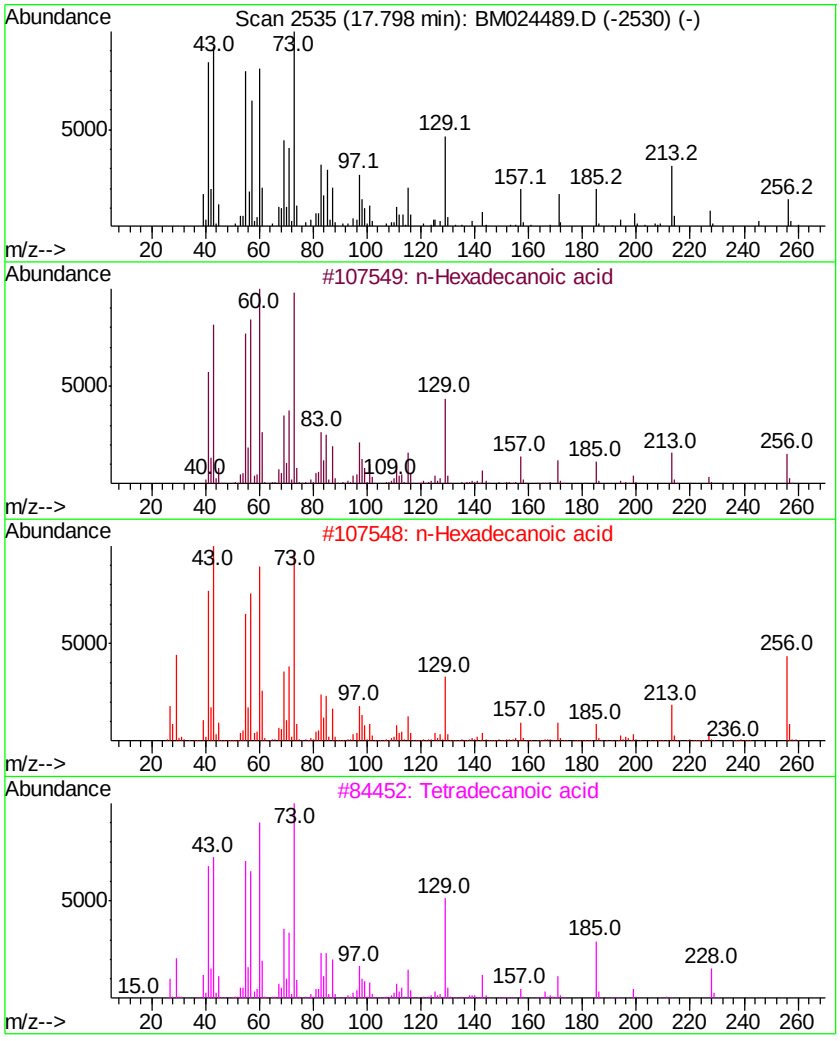
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

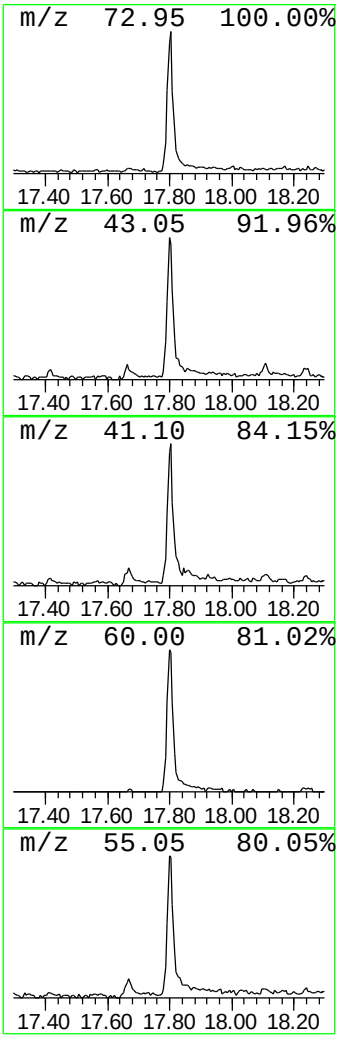
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	3.09 ng/ul	430294	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011620\
Data File : BM024489.D
Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

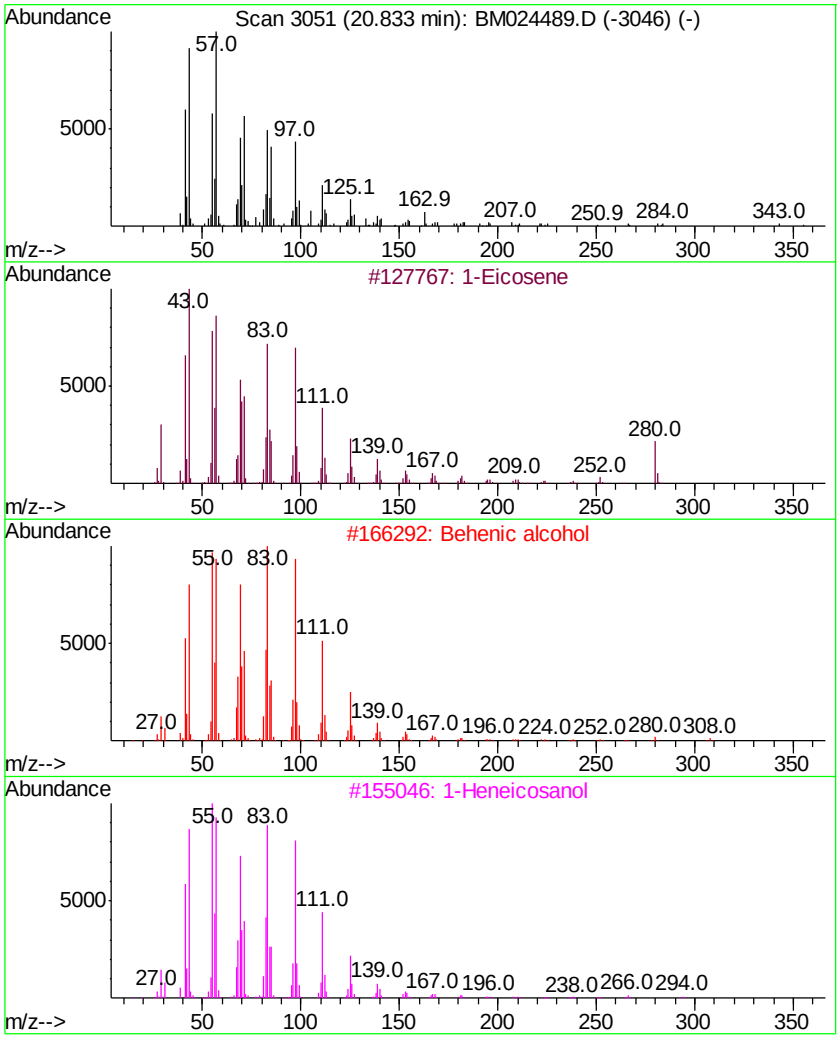
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

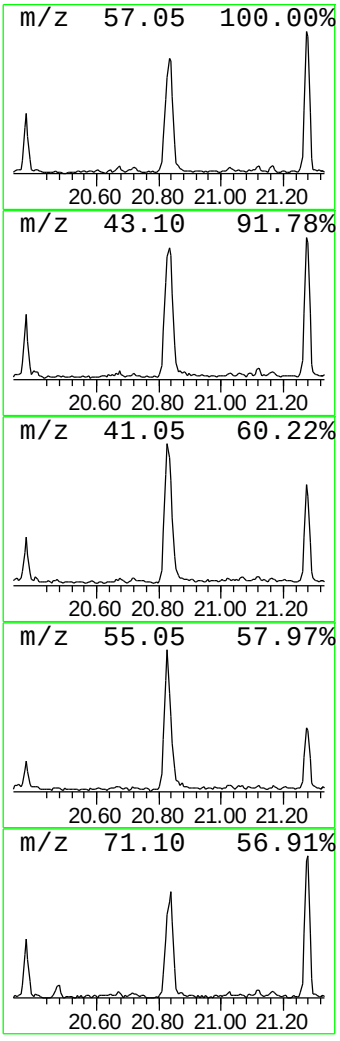
****

Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.11 ng/ul	544836	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	96
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011620\
Data File : BM024489.D
Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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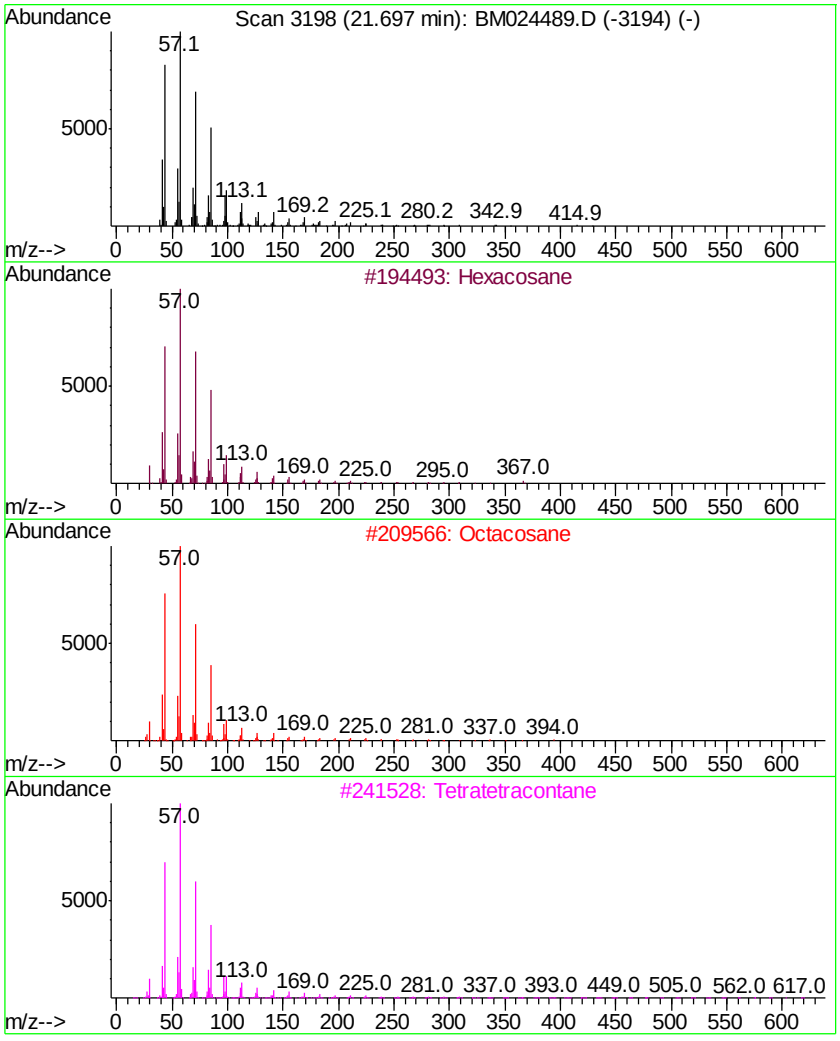
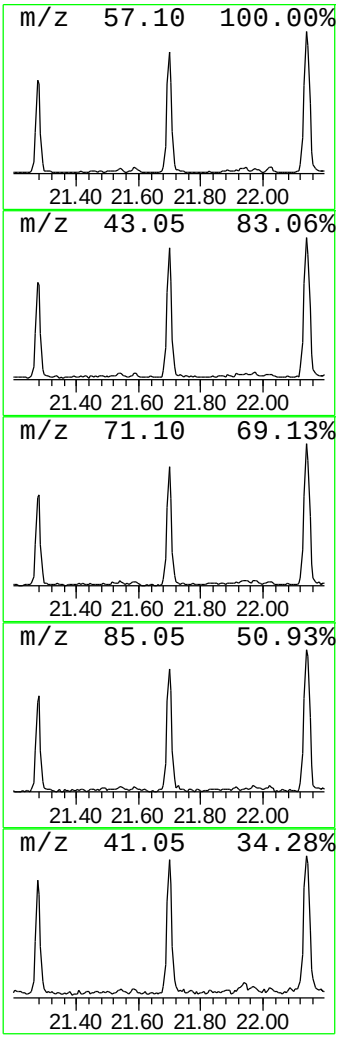
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	2.05 ng/ul	360059	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011620\
Data File : BM024489.D
Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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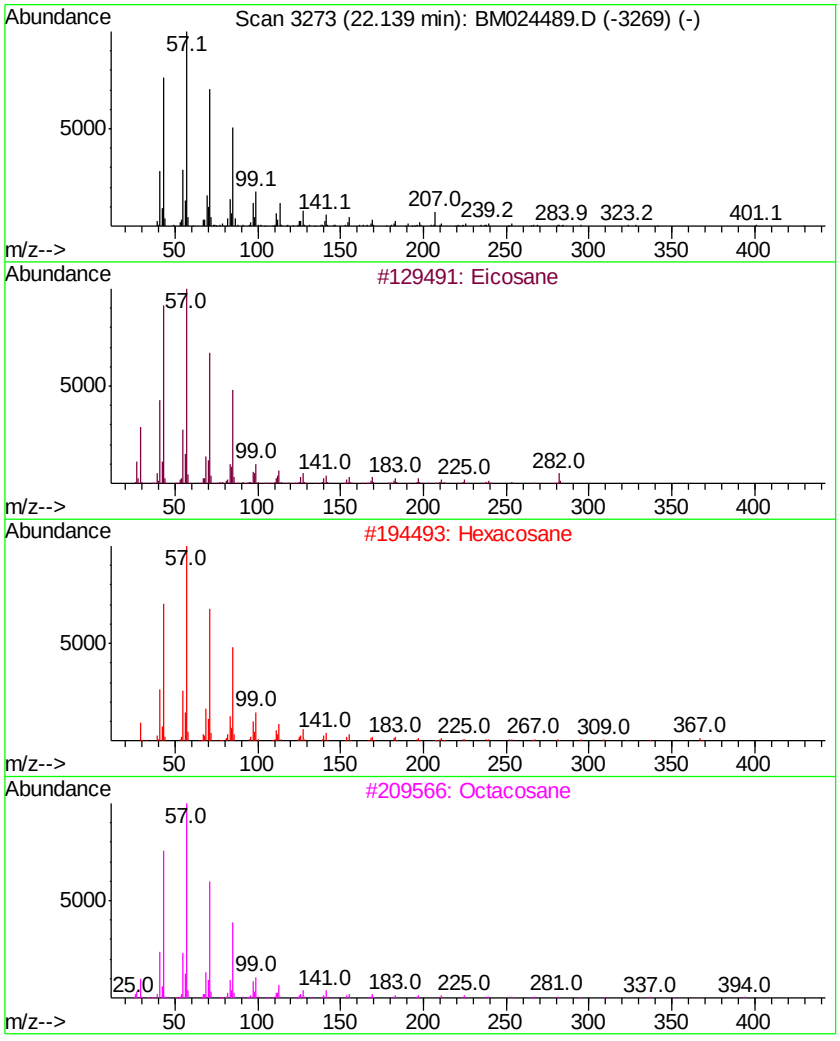
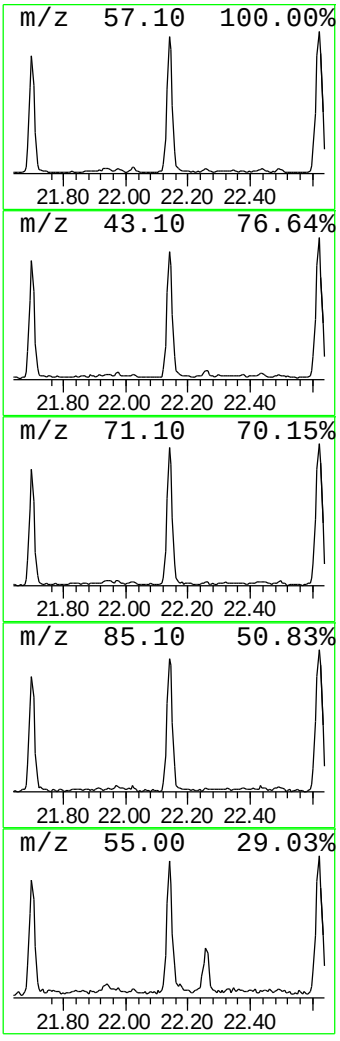
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	2.14 ng/ul	458782	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexacosane	366	C26H54	000630-01-3	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011620\
Data File : BM024489.D
Acq On : 16 Jan 2020 11:26
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Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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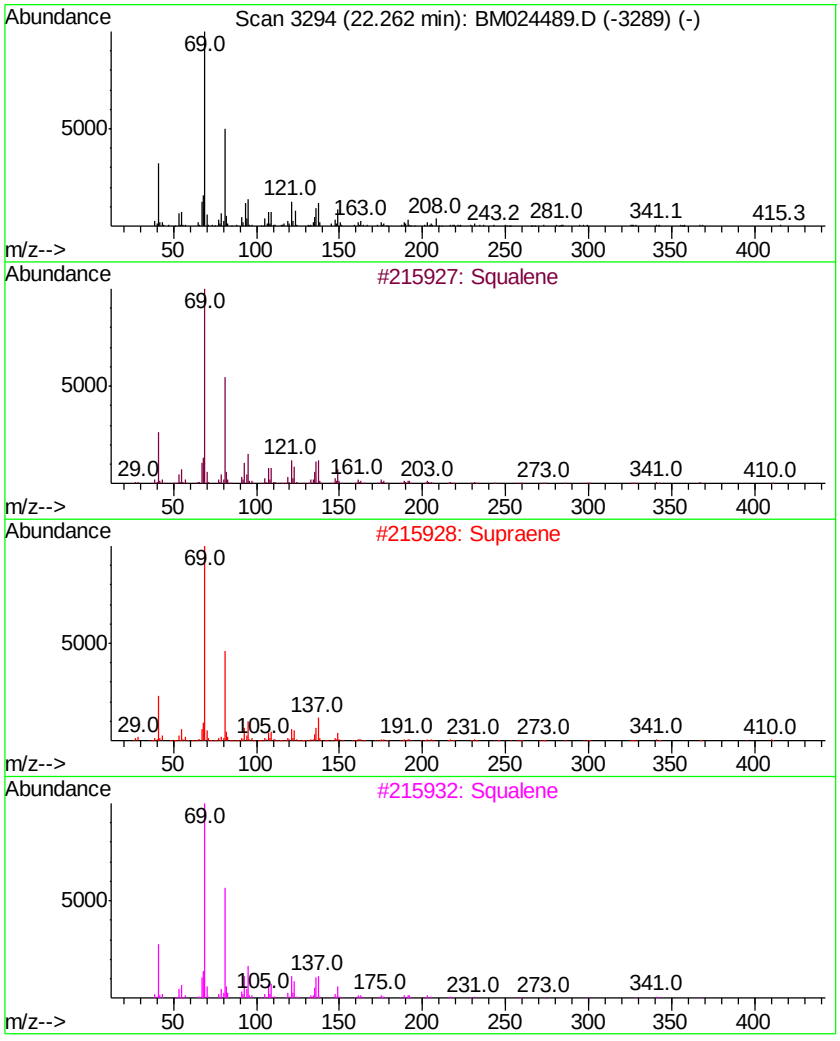
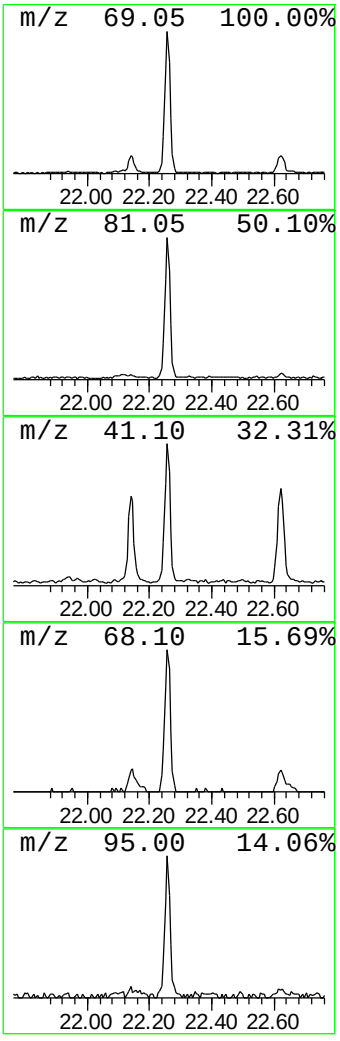
Peak Number 5 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.11 ng/ul	452656	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	000111-02-4	91
4	Squalene	410	C30H50	000111-02-4	91
5	Squalene	410	C30H50	000111-02-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011620\
Data File : BM024489.D
Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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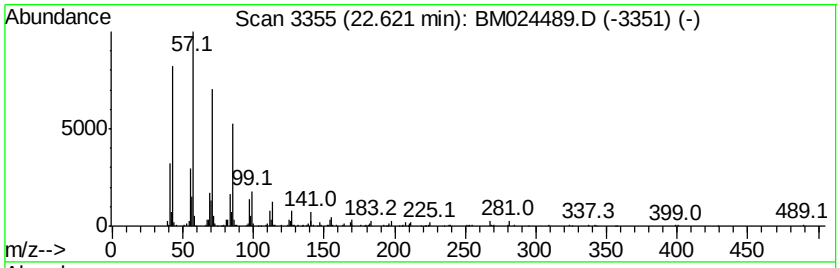
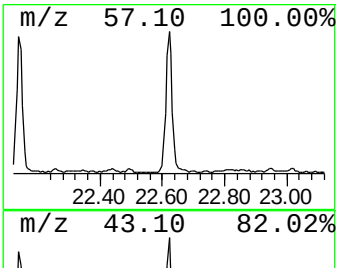
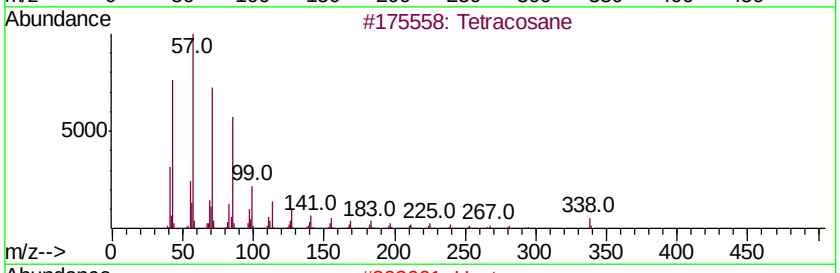
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

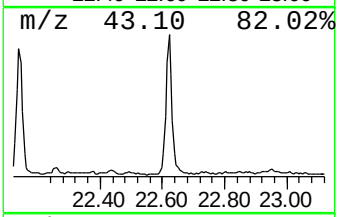
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.36 ng/ul	504689	Perylene-d12	23.19

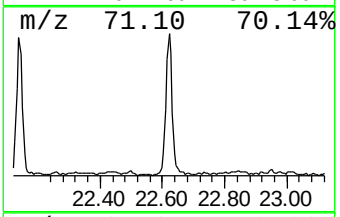
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Octacosane	394	C28H58	000630-02-4	90

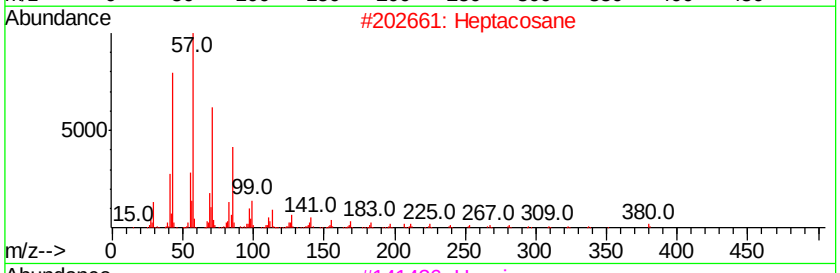


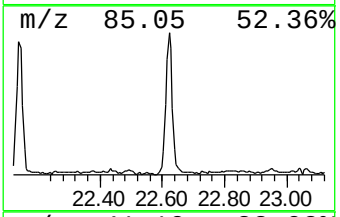


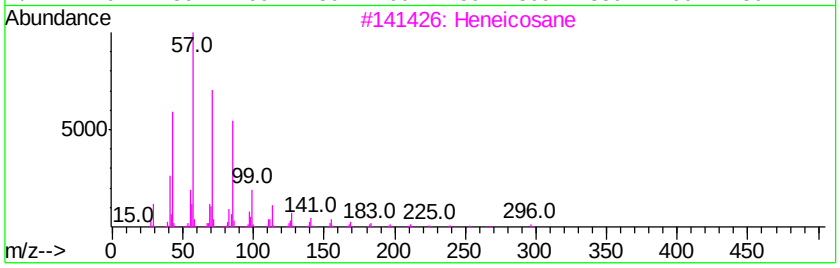


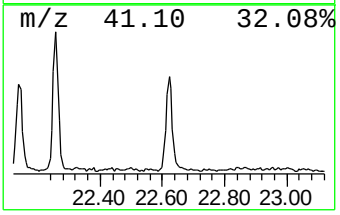












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Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

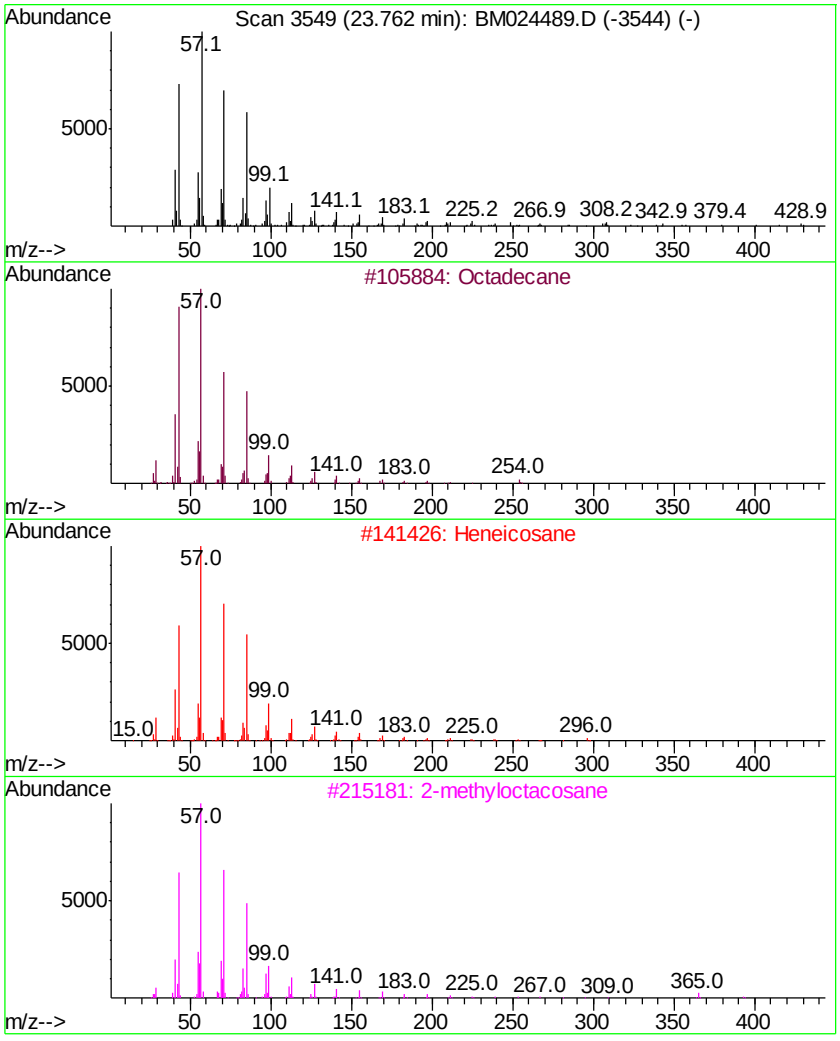
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

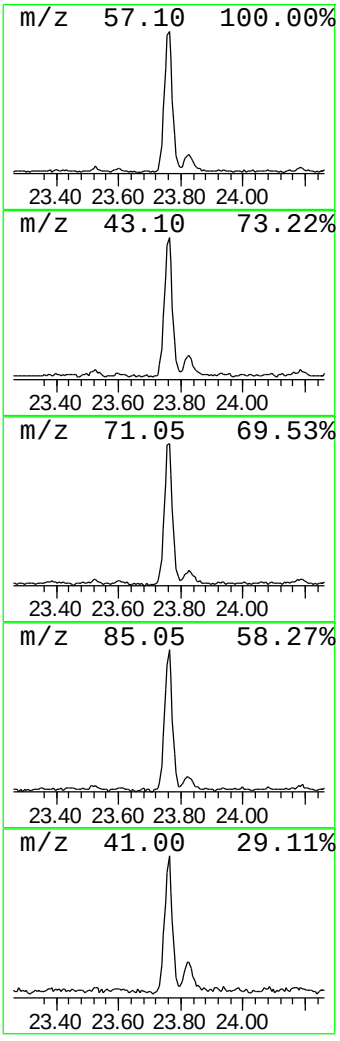
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.41 ng/ul	515779	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Docosane	310	C22H46	000629-97-0	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

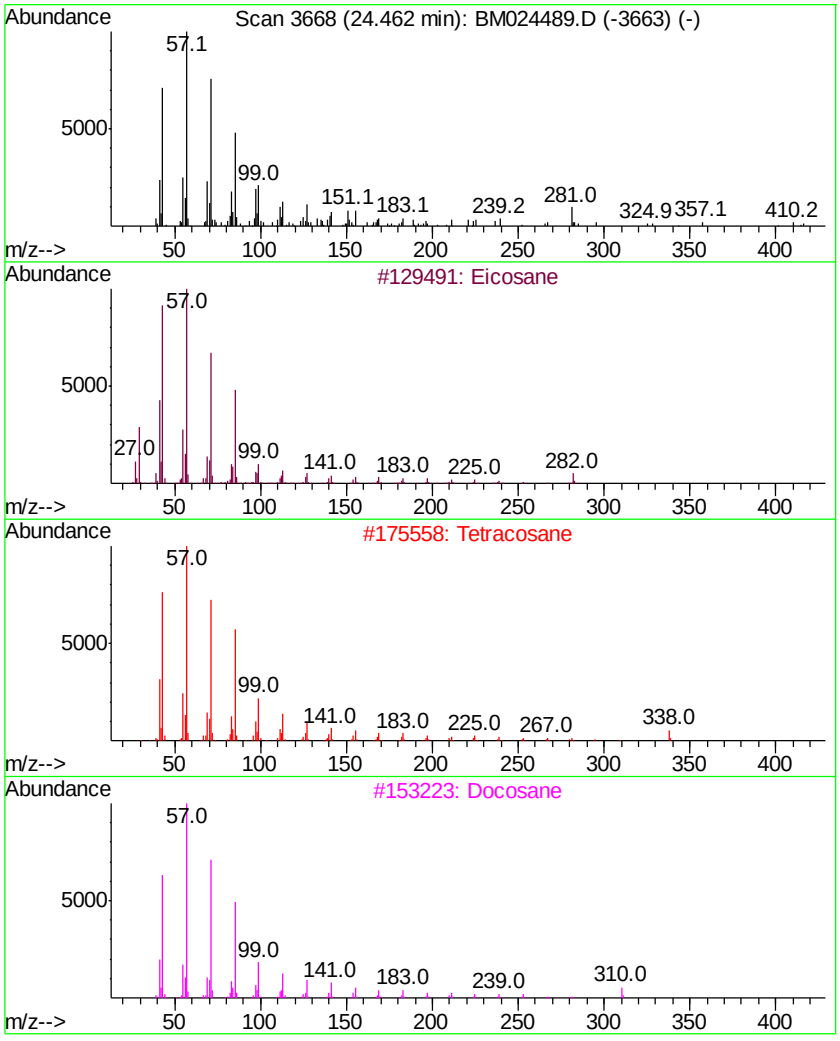
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

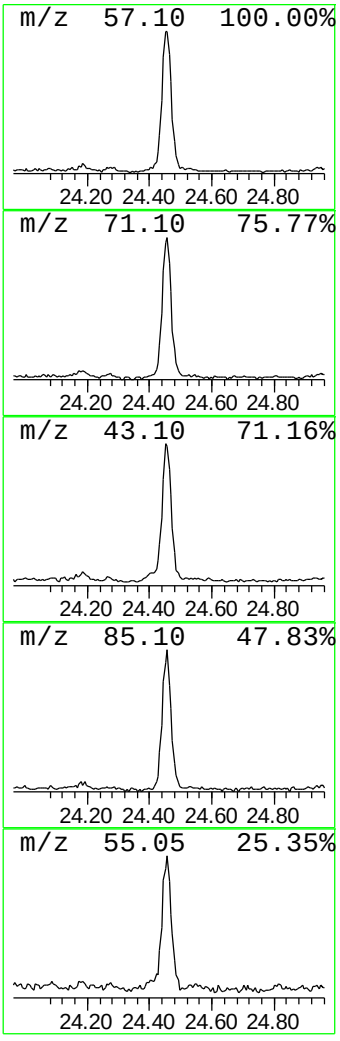
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.01 ng/ul	431178	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Docosane	310	C22H46	000629-97-0	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011620\
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Acq On : 16 Jan 2020 11:26
Operator : JU
Sample : L1121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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	17.80	3.1	ng/ul	430294	4	16.86	2785490	20.0
(DEL) Alkane: Cyc...	20.83	3.1	ng/ul	544836	5	21.06	3509200	20.0
(DEL) Alkane: Str...	21.70	2.0	ng/ul	360059	5	21.06	3509200	20.0
(DEL) Alkane: Str...	22.14	2.1	ng/ul	458782	6	23.19	4283240	20.0
Squalene	22.26	2.1	ng/ul	452656	6	23.19	4283240	20.0
(DEL) Alkane: Str...	22.62	2.4	ng/ul	504689	6	23.19	4283240	20.0
(DEL) Alkane: Str...	23.76	2.4	ng/ul	515779	6	23.19	4283240	20.0
(DEL) Alkane: Str...	24.46	2.0	ng/ul	431178	6	23.19	4283240	20.0