LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024588.D
Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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	3.057	26	29	38	rVB	43251	58033	0.88%	0.079%
2	3.675	130	134	137	rBV4	9801	13608	0.21%	0.019%
3	3.757	146	148	156	rVB5	11069	13866	0.21%	0.019%
4	4.640	295	298	304	rVB4	7025	9168	0.14%	0.013%
5	6.645	632	639	654	rVB	906447	1570333	23.82%	2.146%
6	6.798	659	665	674	rBV	649579	1008786	15.30%	1.379%
7	6.992	690	698	709	rBV	978240	1518318	23.03%	2.075%
8	7.451	769	776	785	rBV	981584	1498073	22.72%	2.047%
9	7.539	787	791	798	rVB2	15750	25385	0.39%	0.035%
10	8.163	890	897	909	rBV	1204945	1906031	28.91%	2.605%
11	8.586	962	969	980	rBV	964803	1547464	23.47%	2.115%
12	8.781	999	1002	1009	rVB7	9462	12681	0.19%	0.017%
13	9.092	1047	1055	1059	rBV5	10321	21612	0.33%	0.030%
14	9.304	1084	1091	1099	rBV	859949	1363149	20.68%	1.863%
15	9.839	1174	1182	1193	rBV	1339993	2147124	32.57%	2.934%
16	10.210	1238	1245	1258	rBV	1430801	2261240	34.30%	3.090%
17	10.345	1261	1268	1280	rBV	999246	1729619	26.23%	2.364%
18	11.810	1512	1517	1522	rVB	20603	31260	0.47%	0.043%
19	11.886	1526	1530	1536	rVB3	6821	10028	0.15%	0.014%
20	12.721	1668	1672	1673	rBV3	5756	6804	0.10%	0.009%
21	13.021	1719	1723	1728	rBV3	7825	12426	0.19%	0.017%
22	13.521	1801	1808	1812	rBV	2441775	3278056	49.72%	4.480%
23	13.568	1812	1816	1826	rVB	603526	798827	12.12%	1.092%
24	13.786	1845	1853	1862	rBV	2824865	4131434	62.66%	5.646%
25	14.098	1899	1906	1914	rVV2	2376571	3356194	50.90%	4.587%
26	14.310	1935	1942	1964	rBV	977468	1592208	24.15%	2.176%
27	14.539	1977	1981	1983	rBV3	16153	23248	0.35%	0.032%
28	14.945	2045	2050	2056	rBV4	11157	14907	0.23%	0.020%
29	15.004	2056	2060	2064	rVB3	9397	11991	0.18%	0.016%
30	15.098	2070	2076	2084	rBV	3671696	5119628	77.65%	6.997%
31	15.221	2091	2097	2111	rBV	999231	1403661	21.29%	1.918%
32	15.339	2113	2117	2121	rVV	44122	55116	0.84%	0.075%
33	15.421	2123	2131	2135	rVB7	6492	12857	0.20%	0.018%
34	15.568	2149	2156	2161	rBV4	17312	26447	0.40%	0.036%

LSC Area Percent Report

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Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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	15.892	2204	2211	2215	rBV5	21465	43750	0.66%	0.060%
36	16.033	2226	2235	2238	rBV7	5620	11601	0.18%	0.016%
37	16.215	2262	2266	2270	rBV4	4531	9741	0.15%	0.013%
38	16.298	2276	2280	2284	rVB4	17871	22514	0.34%	0.031%
39	16.533	2316	2320	2324	rVB6	6560	9301	0.14%	0.013%
40	16.639	2333	2338	2339	rBV3	12434	15898	0.24%	0.022%
41	16.668	2339	2343	2346	rVB4	14802	19173	0.29%	0.026%
42	16.721	2346	2352	2357	rBV5	5892	9037	0.14%	0.012%
43	16.851	2367	2374	2384	rBV	3016151	4167332	63.21%	5.695%
44	16.945	2384	2390	2404	rVV2	3928326	5602197	84.97%	7.656%
45	17.062	2406	2410	2414	rVV7	28460	33696	0.51%	0.046%
46	17.274	2442	2446	2452	rBV2	43326	63203	0.96%	0.086%
47	17.404	2464	2468	2472	rBV4	14017	20724	0.31%	0.028%
48	17.662	2507	2512	2518	rBV10	10926	21058	0.32%	0.029%
49	17.792	2528	2534	2542	rBV	859759	1227670	18.62%	1.678%
50	18.092	2583	2585	2589	rVB4	16240	17492	0.27%	0.024%
51	18.227	2604	2608	2612	rBV	48359	53501	0.81%	0.073%
52	18.339	2625	2627	2628	rBV2	8433	6996	0.11%	0.010%
53	18.462	2645	2648	2654	rBV7	10528	17930	0.27%	0.025%
54	18.598	2669	2671	2675	rBV5	8061	8371	0.13%	0.011%
55	18.656	2678	2681	2686	rBV7	14126	21379	0.32%	0.029%
56	18.733	2693	2694	2698	rVB4	11049	11187	0.17%	0.015%
57	18.886	2716	2720	2724	rBV	49698	64977	0.99%	0.089%
58	18.956	2729	2732	2740	rVB8	30654	52388	0.79%	0.072%
59	19.086	2749	2754	2760	rBV2	358472	530474	8.05%	0.725%
60	19.133	2760	2762	2768	rVB	60416	93957	1.43%	0.128%
61	19.250	2776	2782	2791	rBV	4801094	6593184	100.00%	9.011%
62	19.321	2792	2794	2798	rVB5	19822	17423	0.26%	0.024%
63	19.821	2875	2879	2883	rBV6	44575	61521	0.93%	0.084%
64	20.362	2969	2971	2973	rVB2	31969	24737	0.38%	0.034%
65	20.815	3043	3048	3060	rBV	1358611	1837725	27.87%	2.512%
66	21.056	3084	3089	3097	rBV	3410219	4333397	65.73%	5.922%
67	21.262	3121	3124	3128	rBV2	139616	169175	2.57%	0.231%
68	21.686	3193	3196	3201	rBV3	220750	301749	4.58%	0.412%
69	22.127	3267	3271	3275	rBV2	241775	306198	4.64%	0.418%
70	22.244	3287	3291	3298	rVB	394057	533289	8.09%	0.729%
71	22.603	3348	3352	3357	rVB	313255	390898	5.93%	0.534%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : GASK3

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

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Peak separation: 5

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

72	23.038	3420	3426	3437	rVB	2858449	4802195	72.84%	6.563%
73	23.133	3438	3442	3444	rVV	339386	520517	7.89%	0.711%
74	23.174	3444	3449	3458	rVB	2032232	3523302	53.44%	4.815%
75	23.733	3540	3544	3551	rVB	281393	487065	7.39%	0.666%
76	23.803	3552	3556	3568	rVB4	259729	522848	7.93%	0.715%

Sum of corrected areas: 73170352

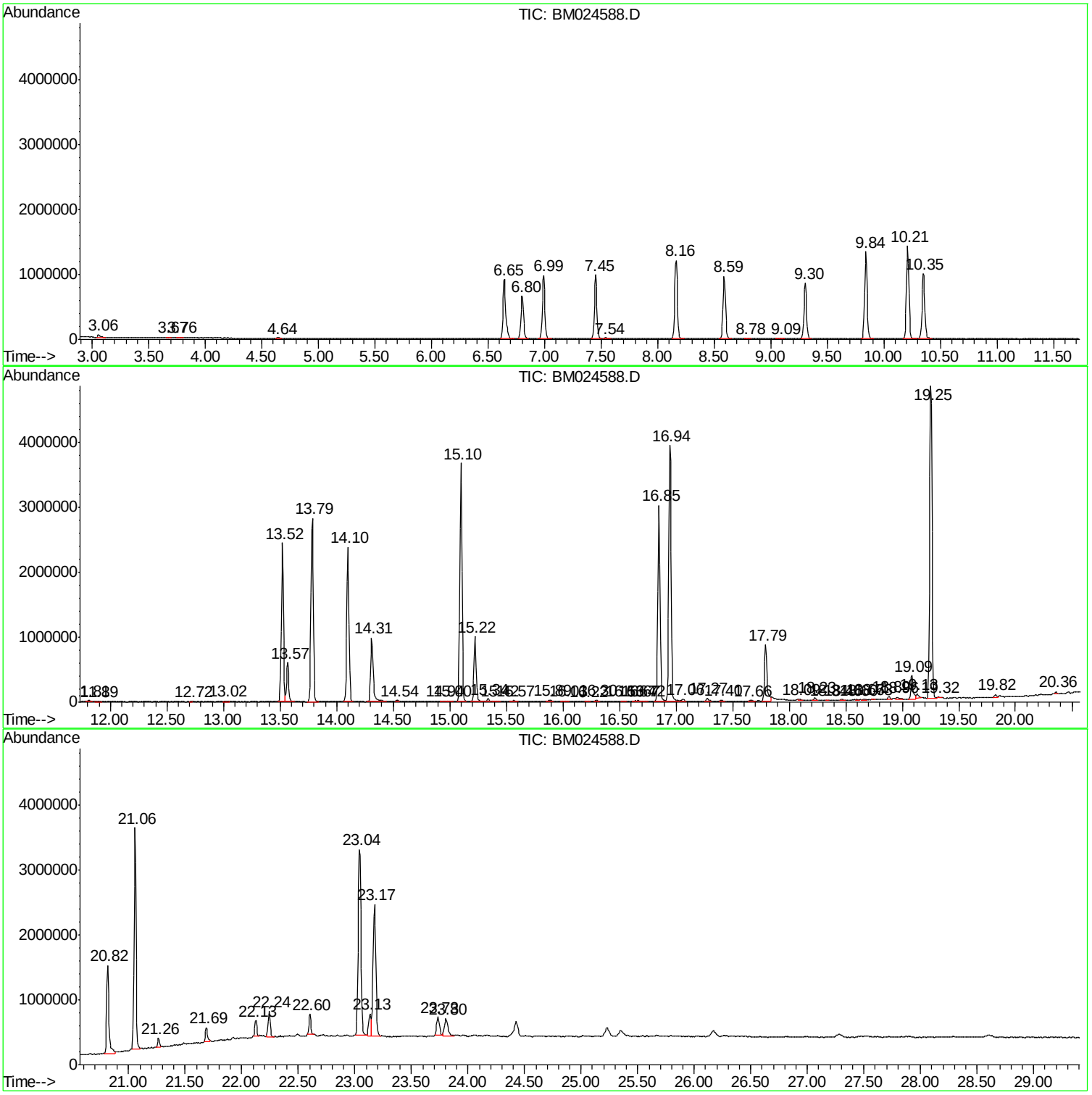
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024588.D
Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024588.D
Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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

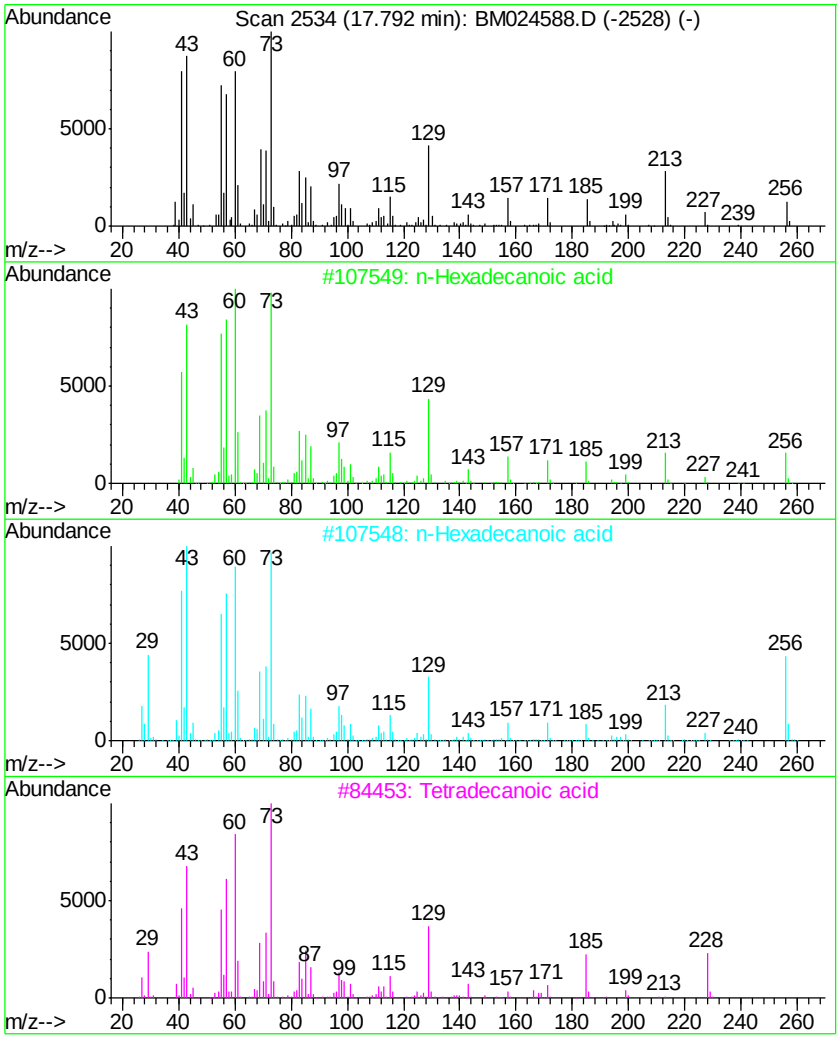
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

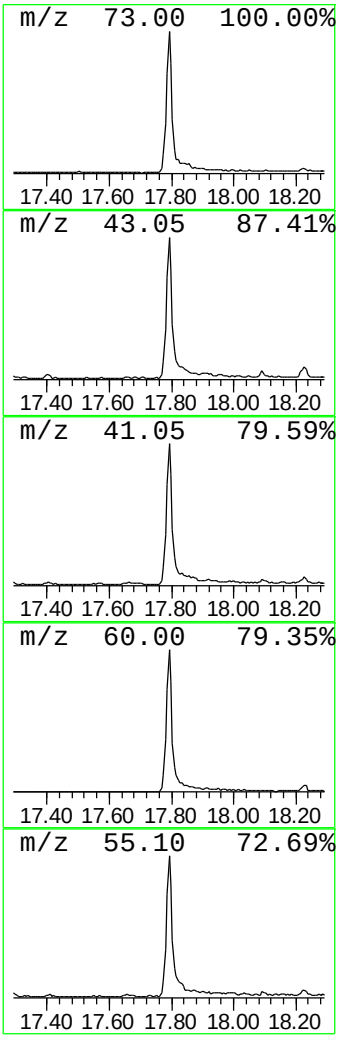
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	5.89 ng/ul	1227670	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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024588.D
Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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

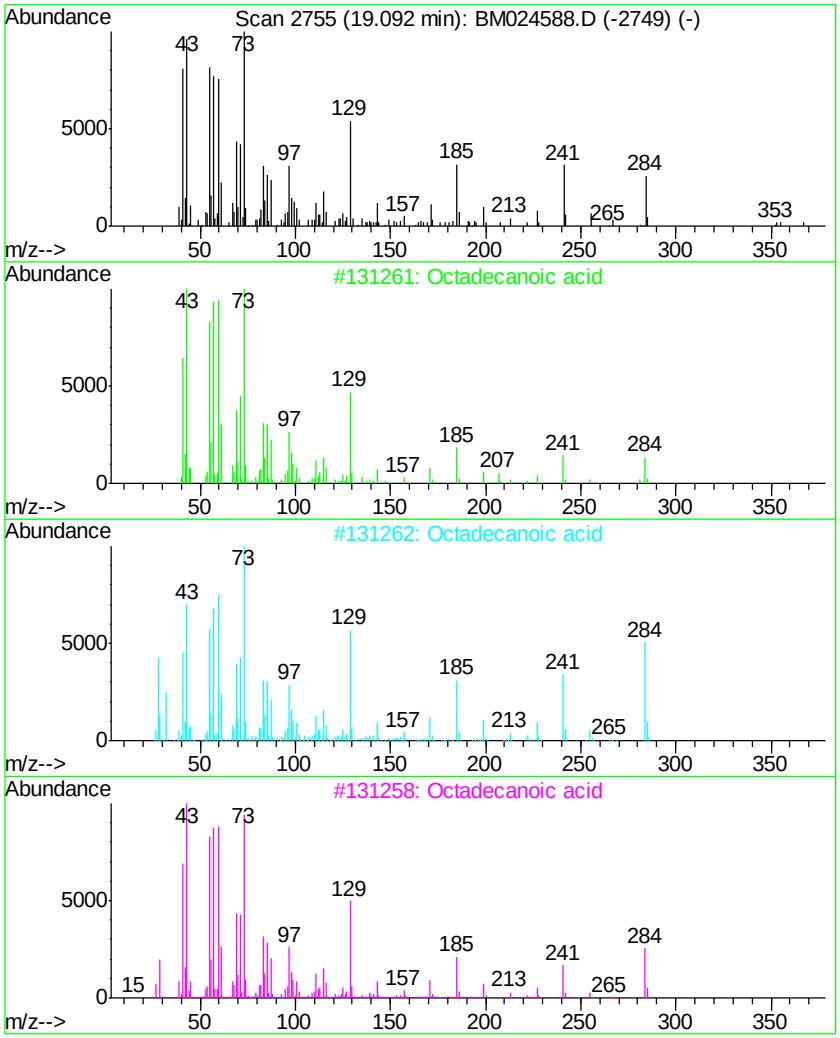
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

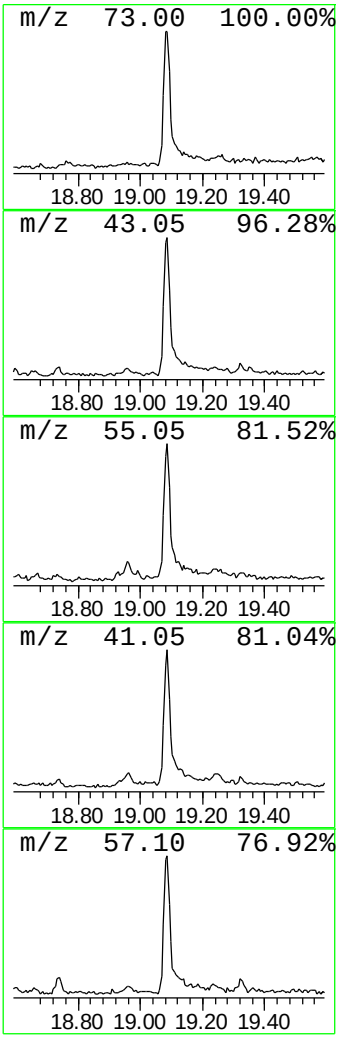
****

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.45 ng/ul	530474	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024588.D
Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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

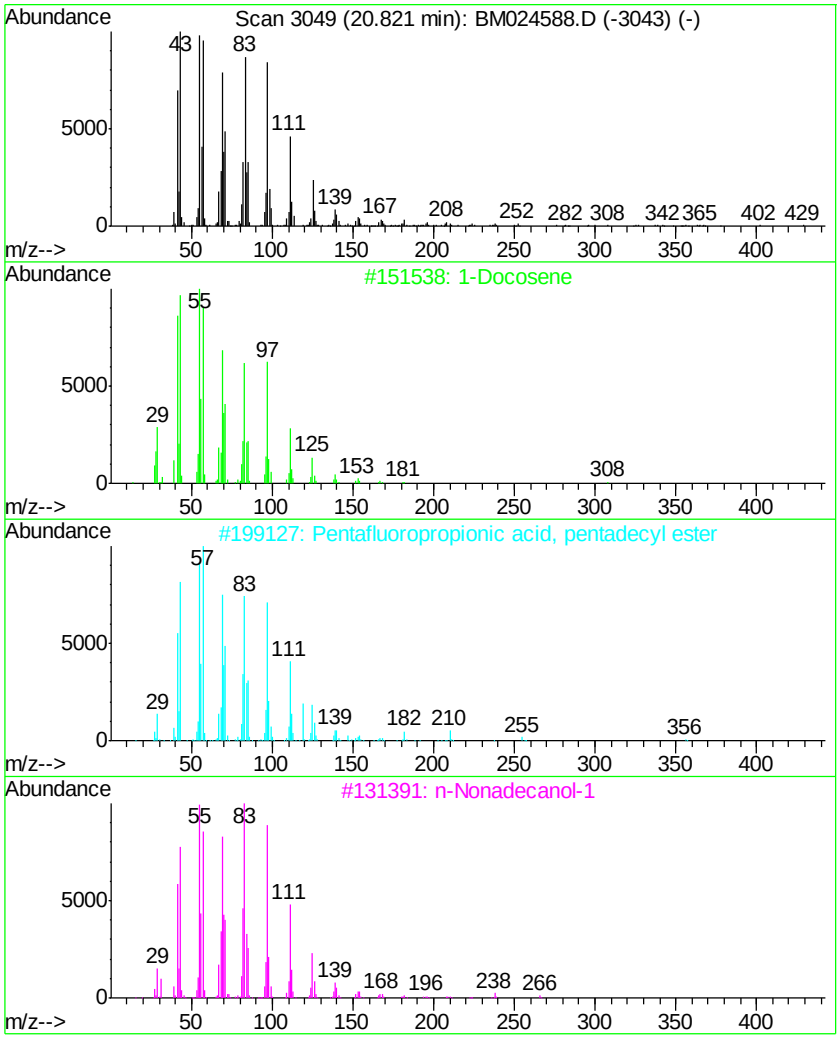
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

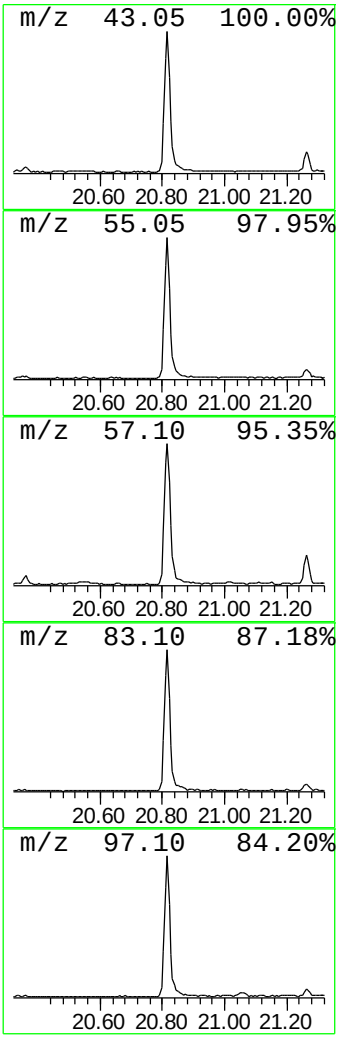
****

Peak Number 3 (DEL) Alkane: Cyclic20.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	8.48 ng/ul	1837730	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024588.D
Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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

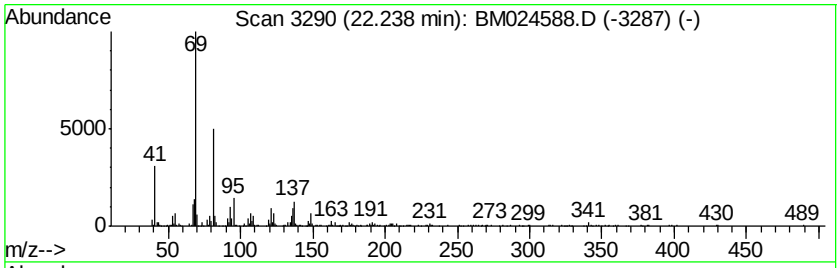
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

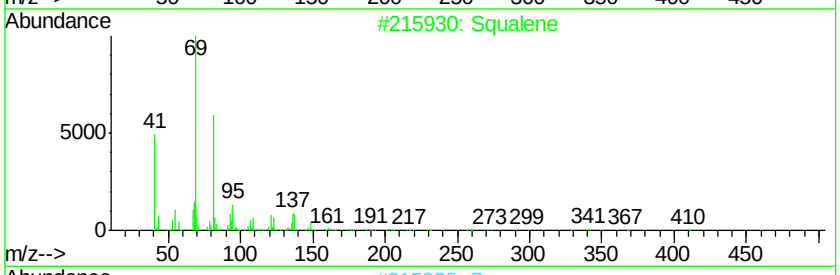
****

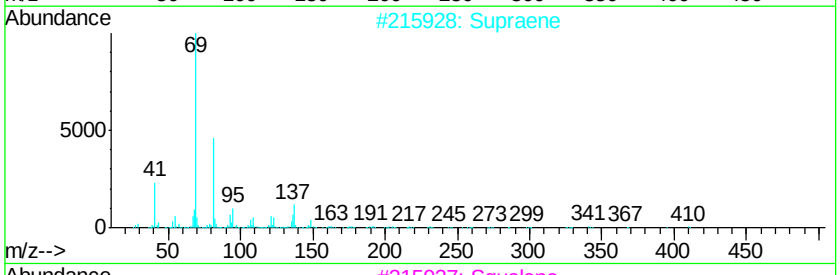
Peak Number 4 Squalene Concentration Rank 3

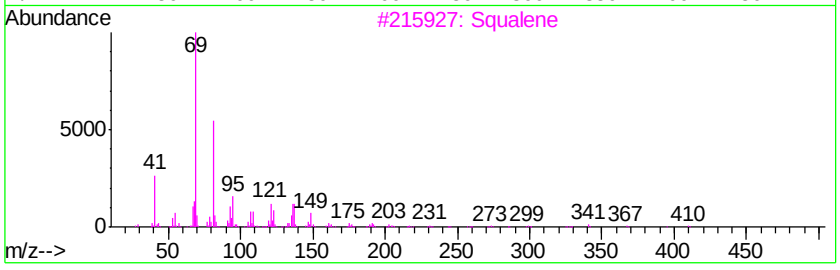
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	3.03 ng/ul	533289	Perylene-d12	23.17

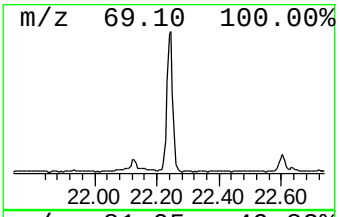
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	96
3	Squalene	410	C30H50	000111-02-4	93
4	Squalene	410	C30H50	000111-02-4	87
5	Squalene	410	C30H50	000111-02-4	80

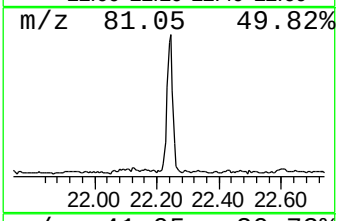


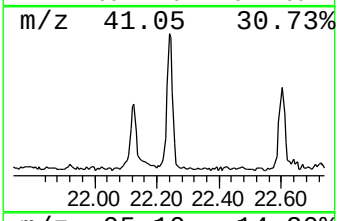


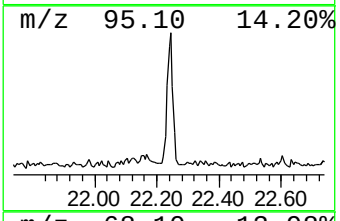


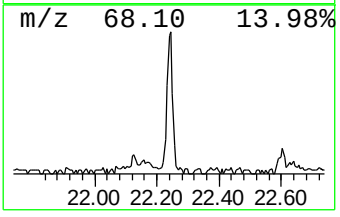












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Instrument : BNA_M
ClientSampleId : GASK3

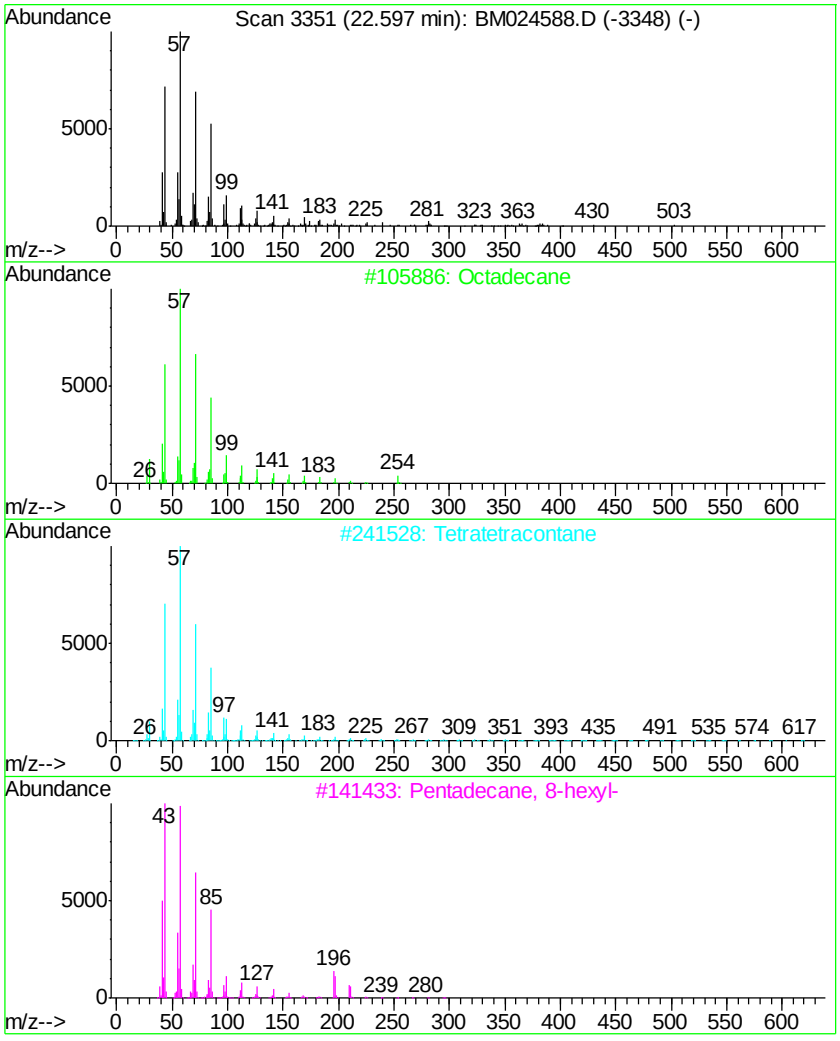
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

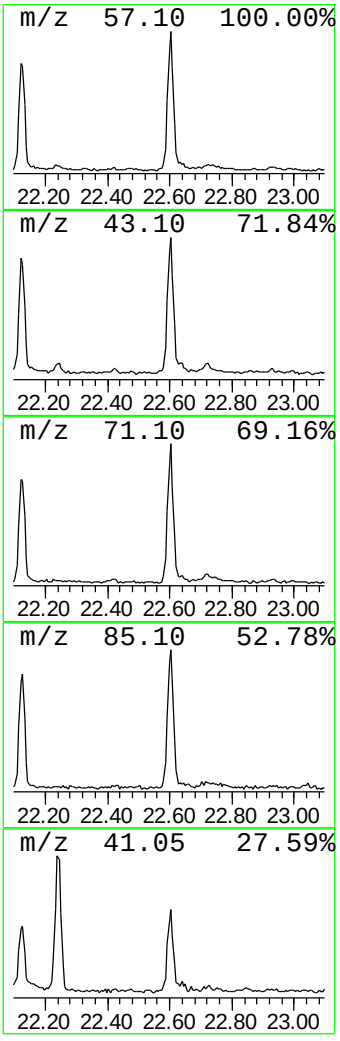
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.22 ng/ul	390898	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tetratetracontane	619	C44H90	007098-22-8	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane	310	C22H46	000629-97-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024588.D
Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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

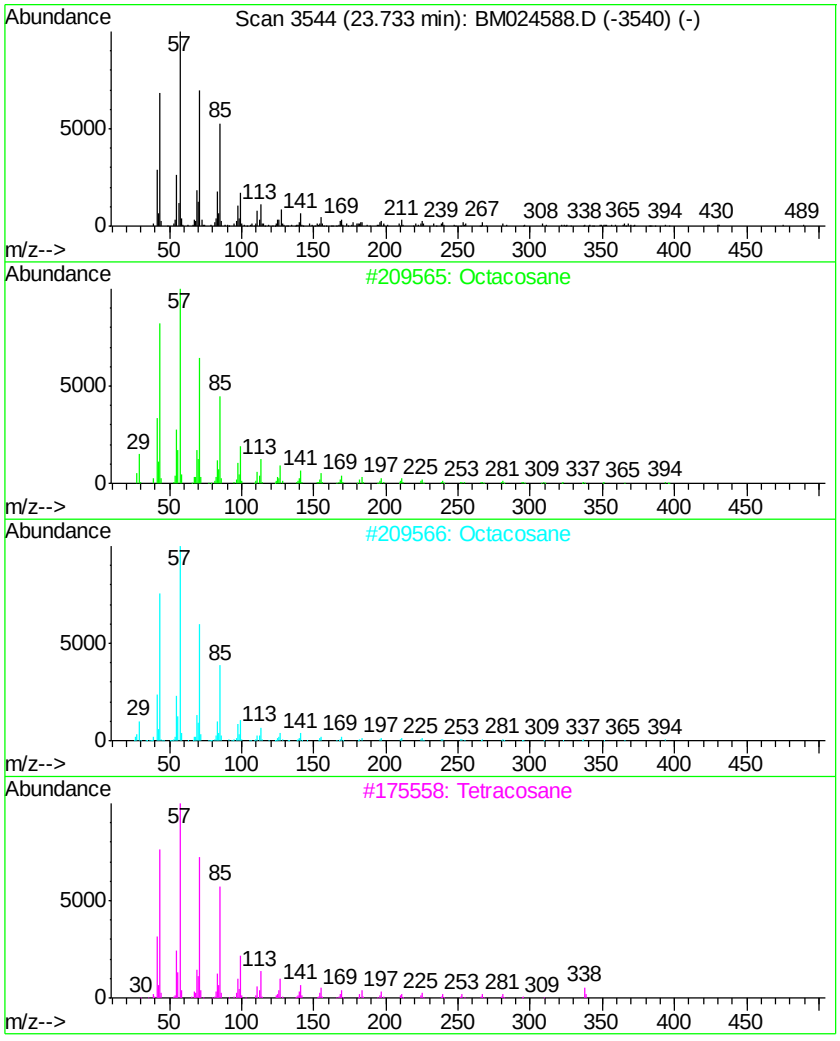
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

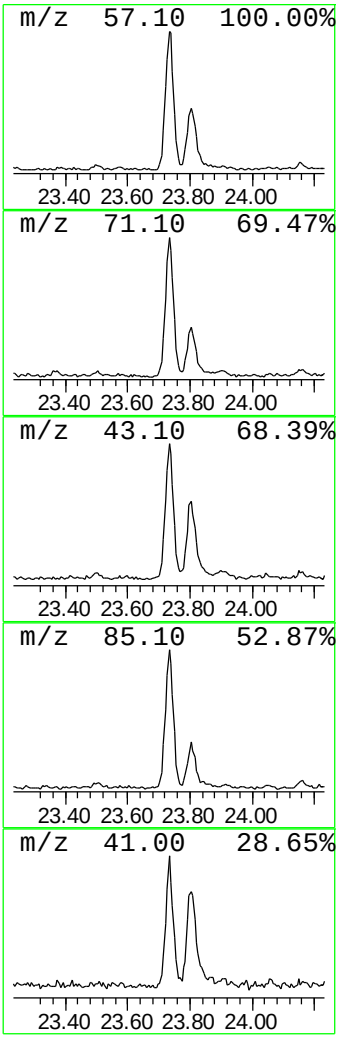
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	2.76 ng/ul	487065	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Octacosane	394	C28H58	000630-02-4	97
3	Tetracosane	338	C24H50	000646-31-1	95
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024588.D
Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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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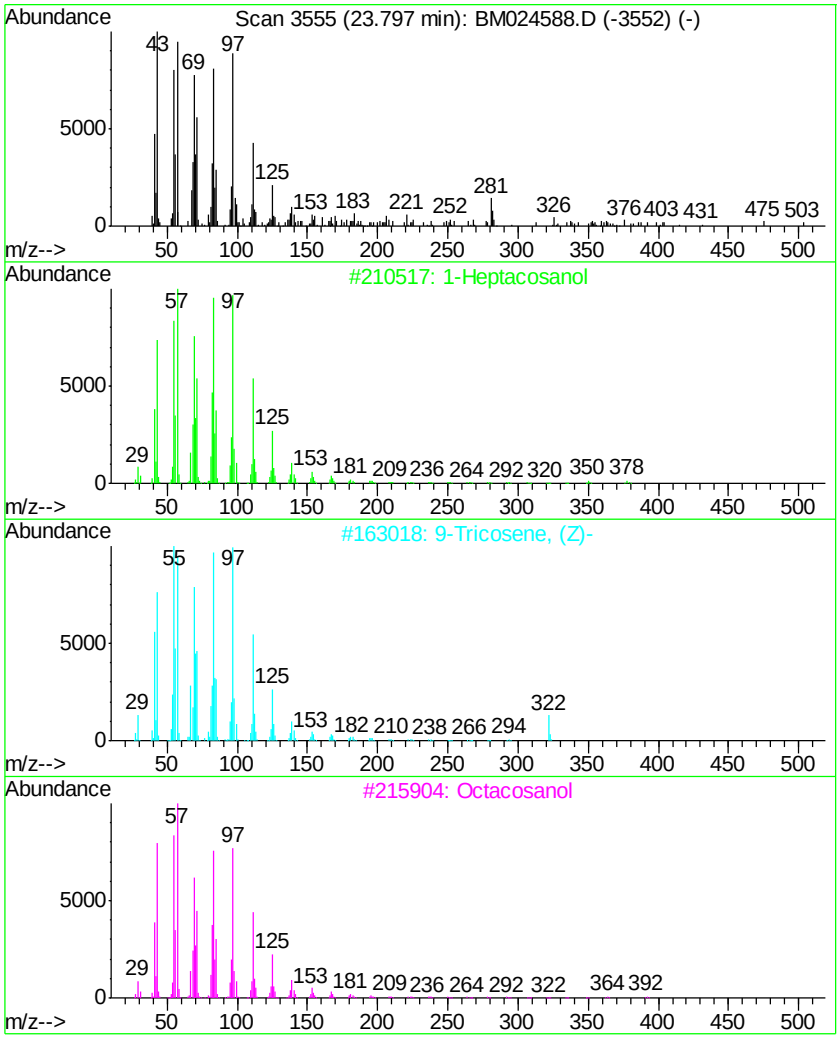
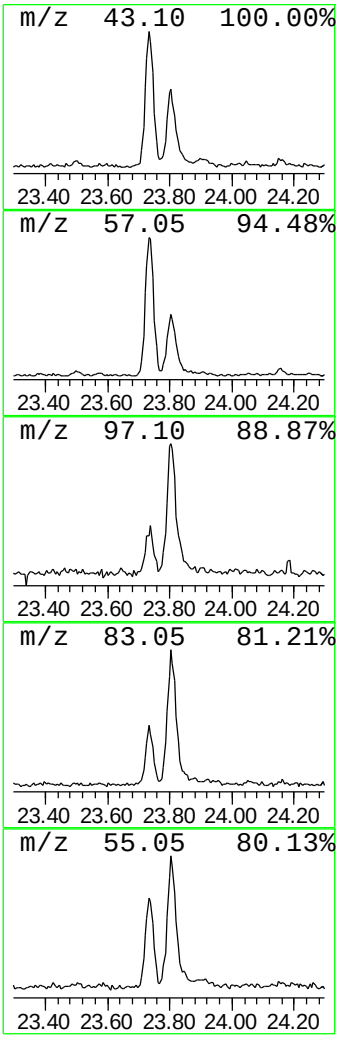
Peak Number 7 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.97 ng/ul	522848	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Octacosanol	410	C28H58O	000557-61-9	93
4	Triacontyl acetate	480	C32H64O2	041755-58-2	93
5	1-Nonadecene	266	C19H38	018435-45-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012220\
Data File : BM024588.D
Acq On : 22 Jan 2020 18:57
Operator : JU
Sample : L1118-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK3

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	17.79	5.9	ng/ul	1227670	4	16.85	4167330	20.0
Octadecanoic acid	19.09	2.5	ng/ul	530474	5	21.06	4333400	20.0
(DEL) Alkane: Cyc...	20.82	8.5	ng/ul	1837730	5	21.06	4333400	20.0
Squalene	22.24	3.0	ng/ul	533289	6	23.17	3523300	20.0
(DEL) Alkane: Str...	22.60	2.2	ng/ul	390898	6	23.17	3523300	20.0
(DEL) Alkane: Str...	23.73	2.8	ng/ul	487065	6	23.17	3523300	20.0
1-Heptacosanol	23.80	3.0	ng/ul	522848	6	23.17	3523300	20.0