LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

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-BM112719MA.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	3.028	22	24	35	rVB	95624	140035	2.10%	0.165%
2	6.540	615	621	627	rBV4	16292	36692	0.55%	0.043%
3	6.669	636	643	655	rBV2	318572	633026	9.51%	0.746%
4	6.822	663	669	683	rBV	1063779	1714139	25.76%	2.021%
5	7.010	694	701	714	rBV	1156259	1906051	28.64%	2.248%
6	7.469	772	779	789	rBV	1576908	2484853	37.34%	2.930%
7	7.551	791	793	798	rVB6	7640	10455	0.16%	0.012%
8	8.192	895	902	918	rBV	915164	1556346	23.39%	1.835%
9	8.622	967	975	986	rBV	1238392	2106042	31.65%	2.483%
10	8.769	998	1000	1004	rVB4	6163	6888	0.10%	0.008%
11	8.975	1027	1035	1040	rBV8	28001	44641	0.67%	0.053%
12	9.063	1045	1050	1055	rBV3	29355	47962	0.72%	0.057%
13	9.239	1076	1080	1083	rBV5	5741	6707	0.10%	0.008%
14	9.339	1089	1097	1116	rBV	1052043	1816760	27.30%	2.142%
15	9.628	1142	1146	1149	rBV5	9542	17309	0.26%	0.020%
16	9.875	1182	1188	1203	rBV	1546183	2784621	41.85%	3.284%
17	10.239	1242	1250	1260	rBV	2171606	3528130	53.02%	4.160%
18	10.316	1260	1263	1268	rVB5	10764	15149	0.23%	0.018%
19	10.404	1271	1278	1286	rBV	118408	257306	3.87%	0.303%
20	11.086	1390	1394	1395	rBV3	5667	7546	0.11%	0.009%
21	11.851	1518	1524	1531	rBV2	24591	48137	0.72%	0.057%
22	11.916	1531	1535	1537	rBV4	6295	8109	0.12%	0.010%
23	12.474	1622	1630	1638	rBV9	11878	31282	0.47%	0.037%
24	12.604	1647	1652	1656	rBV4	14021	24889	0.37%	0.029%
25	12.733	1670	1674	1678	rBV5	13996	20068	0.30%	0.024%
26	12.980	1707	1716	1719	rBV6	9888	18253	0.27%	0.022%
27	13.051	1722	1728	1730	rBV7	5019	7819	0.12%	0.009%
28	13.092	1732	1735	1738	rBV5	6168	9676	0.15%	0.011%
29	13.427	1790	1792	1797	rBV6	4900	8133	0.12%	0.010%
30	13.551	1807	1813	1818	rBV	2999983	4218495	63.39%	4.974%
31	13.598	1818	1821	1828	rVB	237096	339273	5.10%	0.400%
32	13.674	1833	1834	1840	rVB6	8629	9975	0.15%	0.012%
33	13.816	1851	1858	1868	rBV	3550588	5190122	77.99%	6.120%
34	14.127	1905	1911	1924	rBV	2999493	4443619	66.78%	5.240%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

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-BM112719MA.M
Title : SVOA CALIBRATION

35	14.292	1937	1939	1942	rVB5	8333	8095	0.12%	0.010%
36	14.386	1950	1955	1965	rBV2	124003	295942	4.45%	0.349%
37	14.592	1986	1990	1993	rVB6	13139	15865	0.24%	0.019%
38	14.686	2001	2006	2012	rVB9	13547	29253	0.44%	0.034%
39	14.774	2018	2021	2024	rBV5	7753	7611	0.11%	0.009%
40	14.963	2048	2053	2056	rBV2	21551	40005	0.60%	0.047%
41	15.015	2059	2062	2066	rVB5	10811	15191	0.23%	0.018%
42	15.133	2075	2082	2095	rBV	4463605	6367452	95.69%	7.508%
43	15.274	2100	2106	2117	rBV	1189515	1751375	26.32%	2.065%
44	15.374	2119	2123	2127	rVB3	46583	67975	1.02%	0.080%
45	15.574	2154	2157	2159	rVB4	10137	12038	0.18%	0.014%
46	15.880	2206	2209	2212	rBV4	13089	14865	0.22%	0.018%
47	16.045	2235	2237	2240	rBV4	9784	10922	0.16%	0.013%
48	16.180	2255	2260	2265	rBV5	24493	42504	0.64%	0.050%
49	16.315	2281	2283	2286	rBV4	12700	17745	0.27%	0.021%
50	16.521	2315	2318	2319	rBV3	10167	9218	0.14%	0.011%
51	16.674	2340	2344	2346	rBV3	28558	34748	0.52%	0.041%
52	16.880	2373	2379	2390	rBV	3223909	4665304	70.11%	5.501%
53	16.980	2390	2396	2408	rVV2	4360502	6273048	94.27%	7.397%
54	17.192	2427	2432	2437	rBV	169256	207145	3.11%	0.244%
55	17.298	2447	2450	2456	rVB6	35339	56154	0.84%	0.066%
56	17.568	2494	2496	2499	rBV4	13953	13843	0.21%	0.016%
57	17.680	2512	2515	2516	rBV3	16672	16212	0.24%	0.019%
58	17.809	2532	2537	2546	rBV	564013	868986	13.06%	1.025%
59	18.239	2607	2610	2614	rVB6	37969	45880	0.69%	0.054%
60	18.921	2724	2726	2729	rVB	37021	36343	0.55%	0.043%
61	19.103	2753	2757	2763	rBV	176548	264178	3.97%	0.312%
62	19.292	2783	2789	2795	rBV	4770558	6635188	99.71%	7.824%
63	20.374	2970	2973	2977	rVB2	120294	134972	2.03%	0.159%
64	20.833	3047	3051	3057	rBV	1462668	1858072	27.92%	2.191%
65	21.092	3091	3095	3105	rBV	3757640	4543270	68.27%	5.357%
66	21.274	3123	3126	3130	rBV	358931	403074	6.06%	0.475%
67	21.691	3194	3197	3206	rBV	430082	676286	10.16%	0.797%
68	22.139	3269	3273	3281	rVB	577906	756357	11.37%	0.892%
69	22.256	3290	3293	3297	rVB	437077	528798	7.95%	0.624%
70	22.615	3350	3354	3360	rVB	669017	916990	13.78%	1.081%
71	23.097	3430	3436	3441	rBV	3849762	6654482	100.00%	7.847%

LSC Area Percent Report

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Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

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-BM112719MA.M
Title : SVOA CALIBRATION

72	23.150	3442	3445	3451	rVV	745849	1074185	16.14%	1.267%
73	23.233	3453	3459	3470	rVB	2741137	4882376	73.37%	5.757%
74	23.756	3544	3548	3555	rVB	591769	1055510	15.86%	1.245%

Sum of corrected areas: 84805965

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
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Acq On : 13 Dec 2019 12:07
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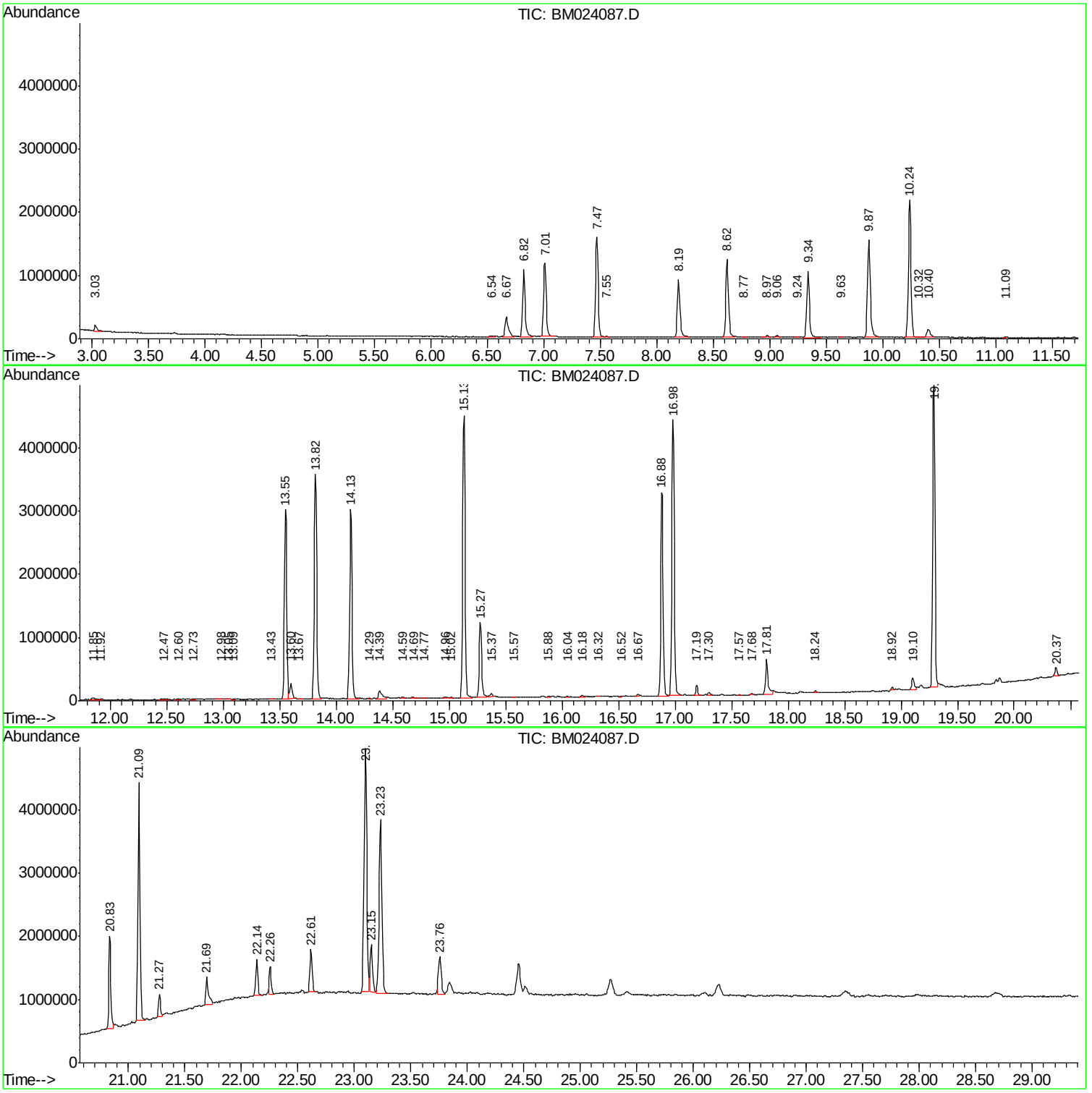
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

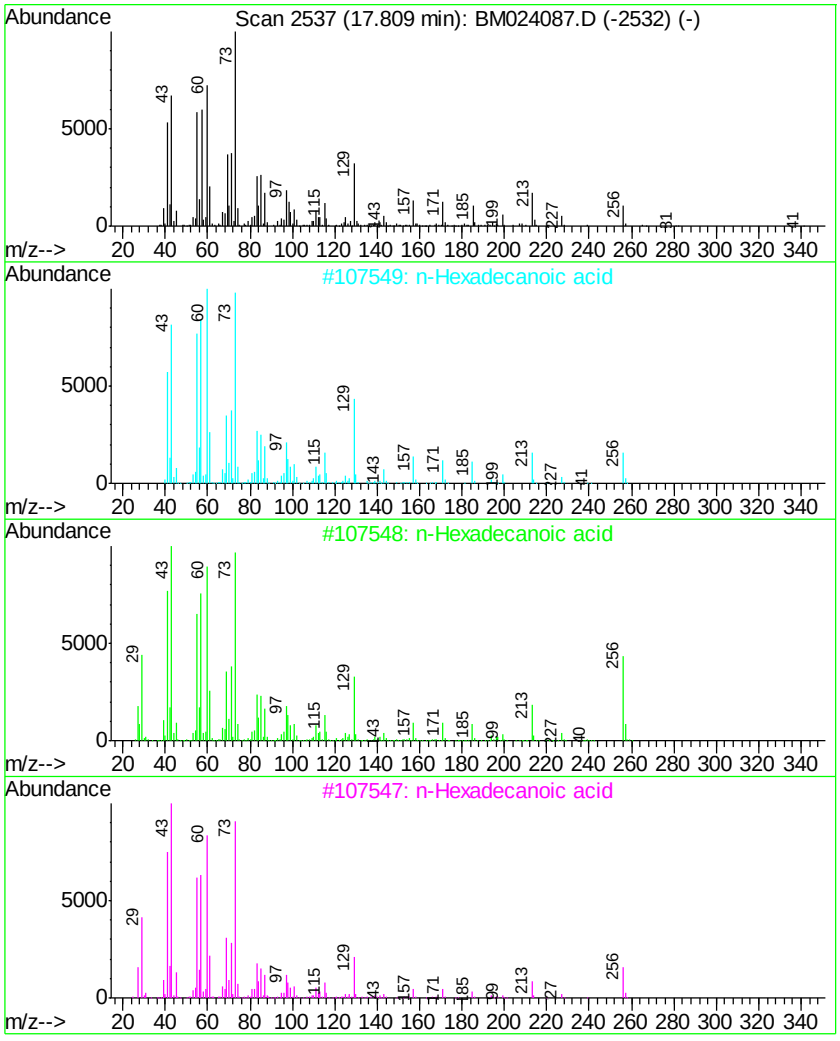
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

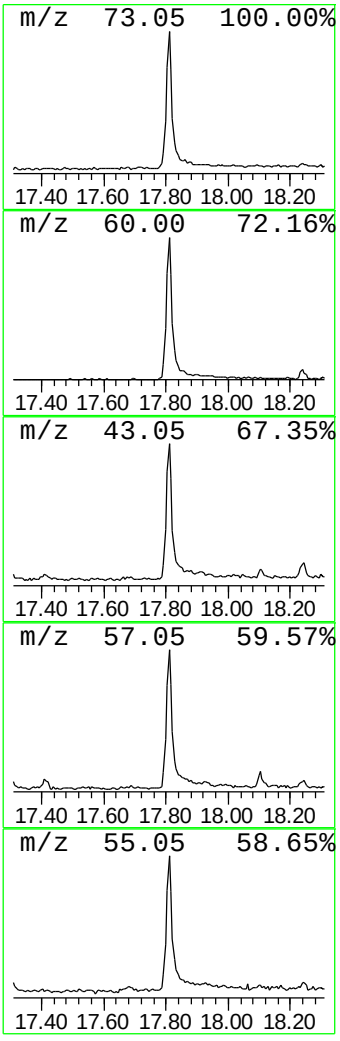
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	3.73 ng/ul	868986	Phenanthrene-d10	16.88

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	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

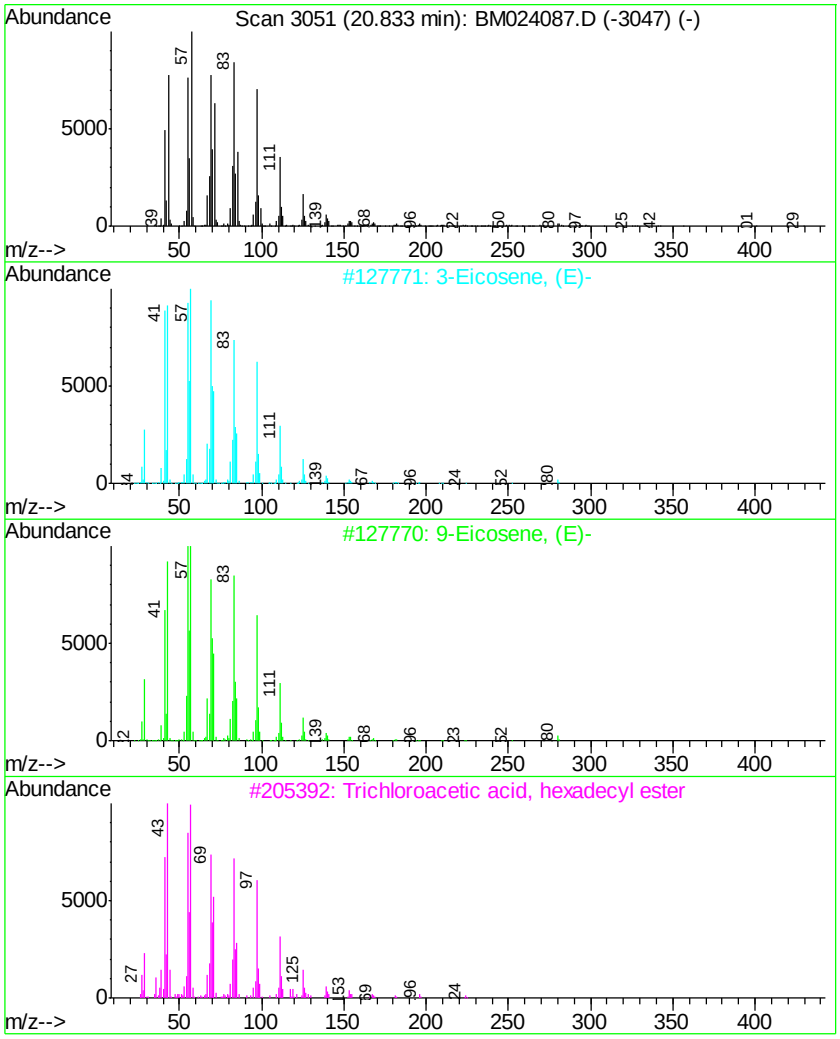
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

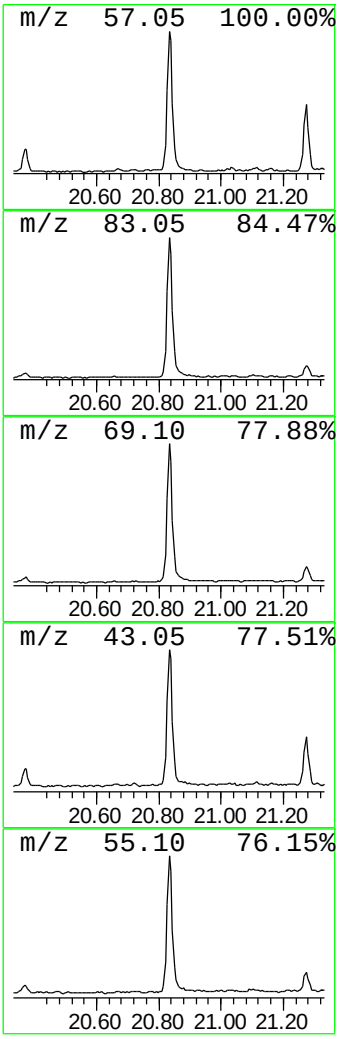
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	8.18 ng/ul	1858070	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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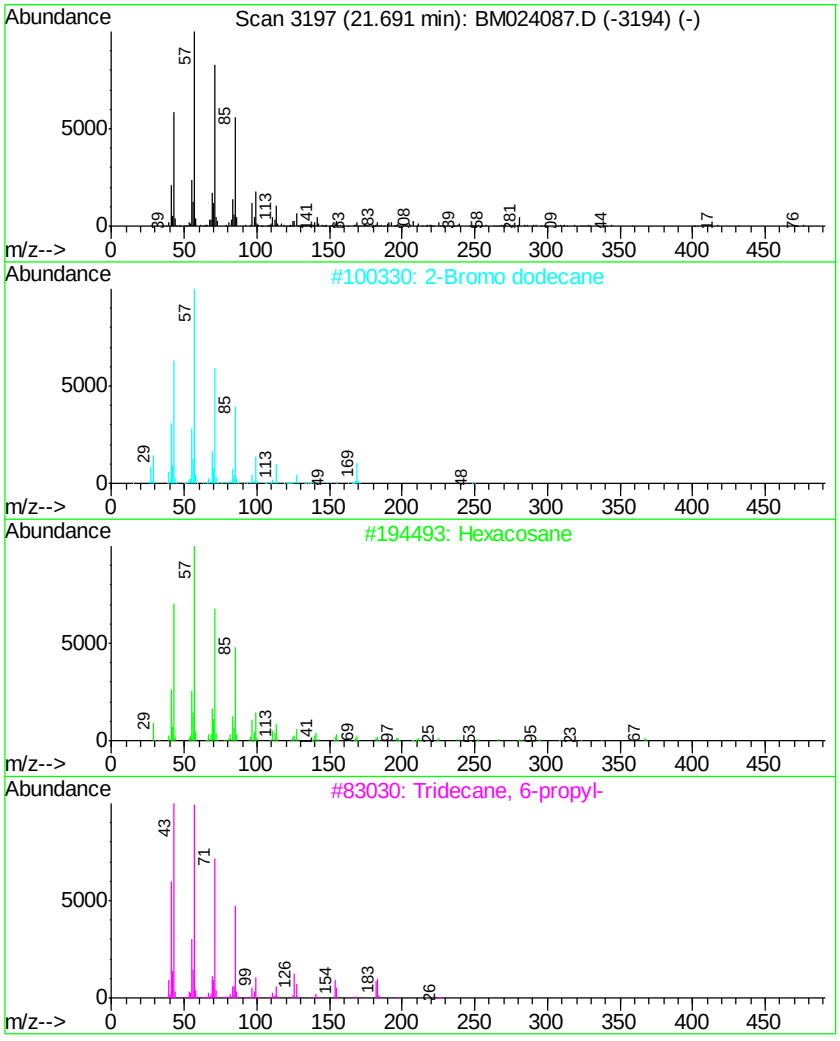
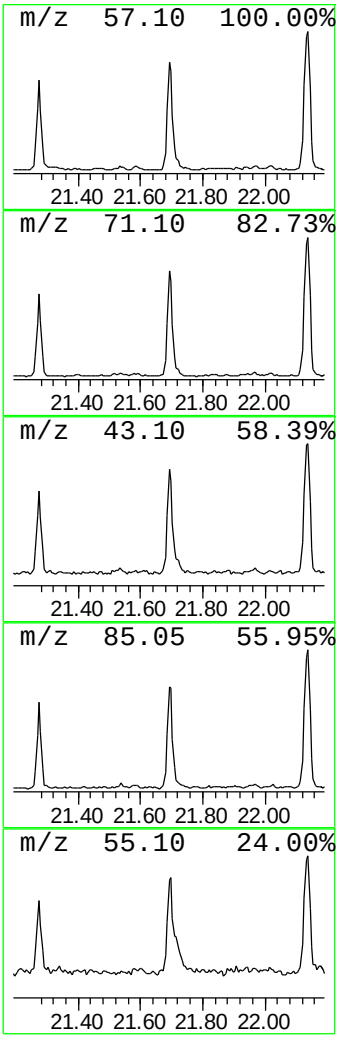
Peak Number 3 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.98 ng/ul	676286	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
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Acq On : 13 Dec 2019 12:07
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Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

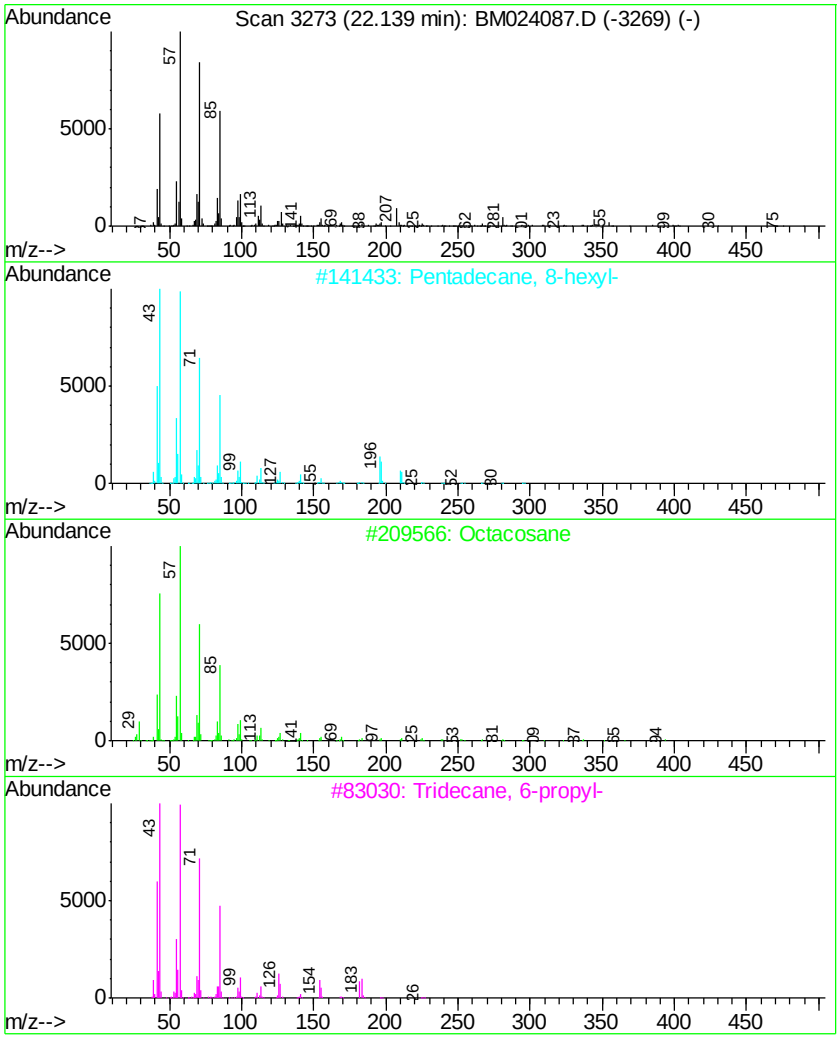
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

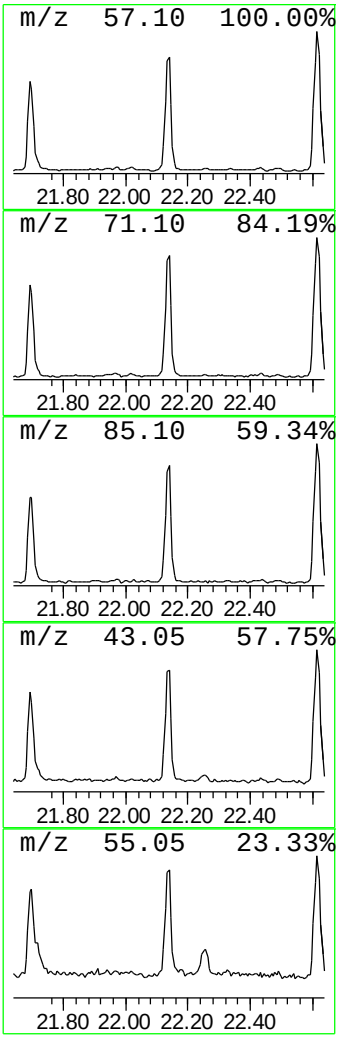
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	3.33 ng/ul	756357	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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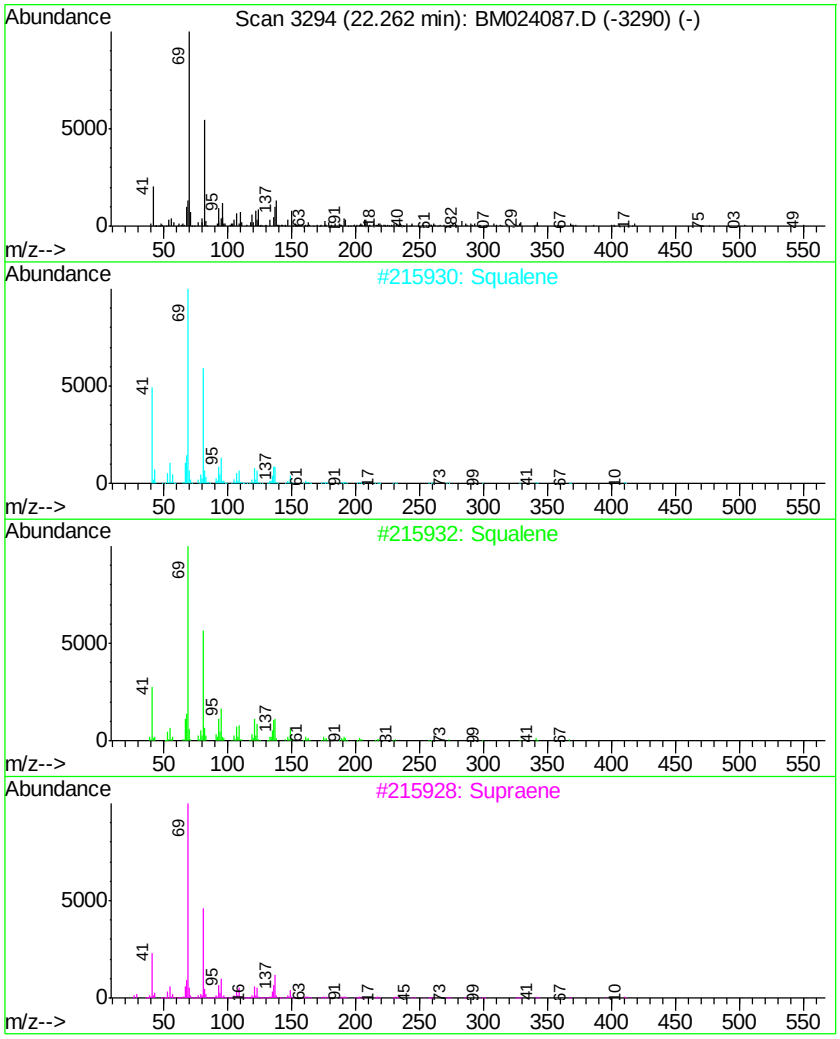
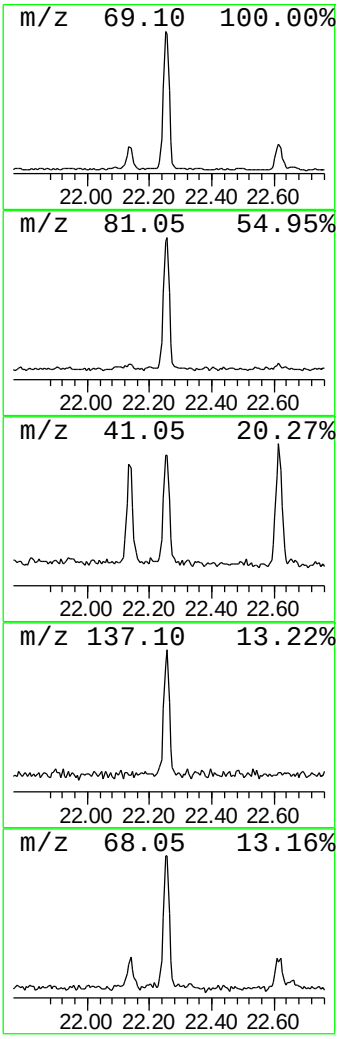
Peak Number 5 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.17 ng/ul	528798	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Squalene	410	C30H50	000111-02-4	87
3	Supraene	410	C30H50	007683-64-9	87
4	Squalene	410	C30H50	000111-02-4	83
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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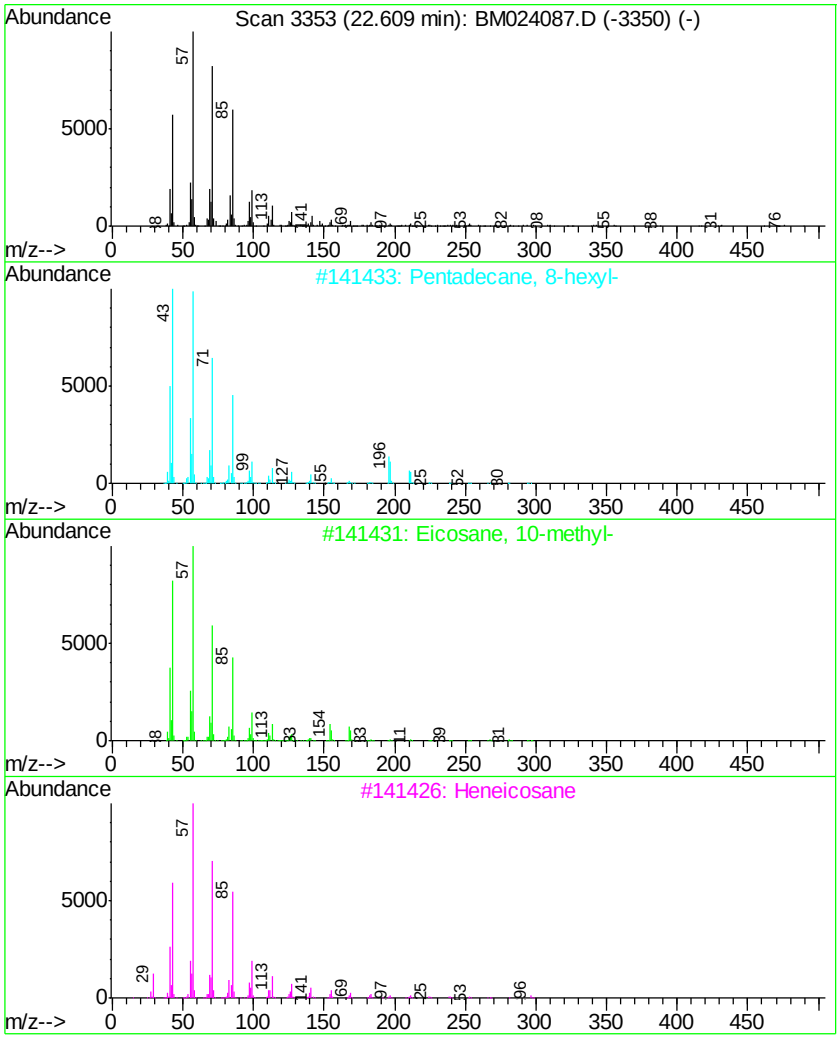
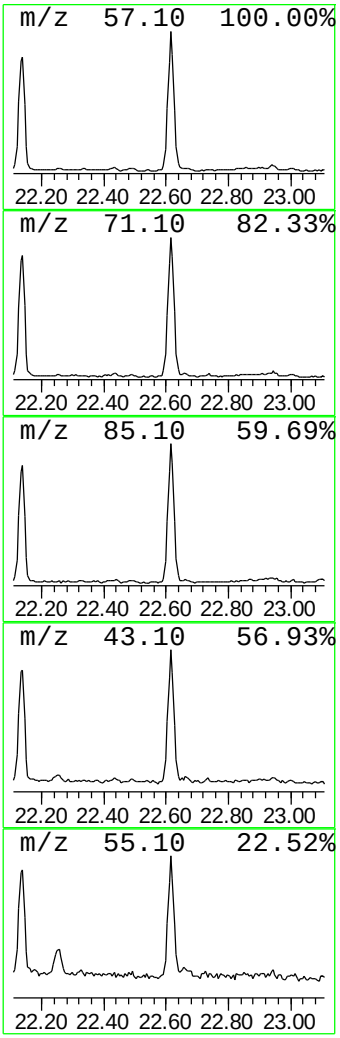
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	3.76 ng/ul	916990	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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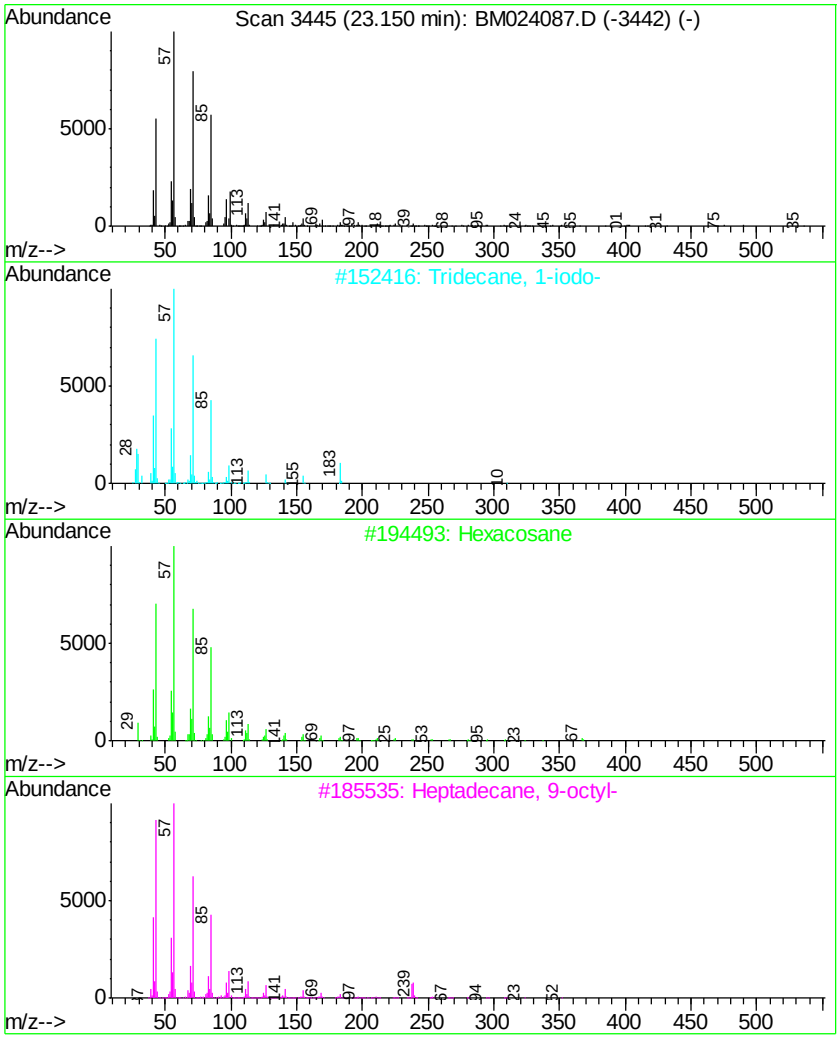
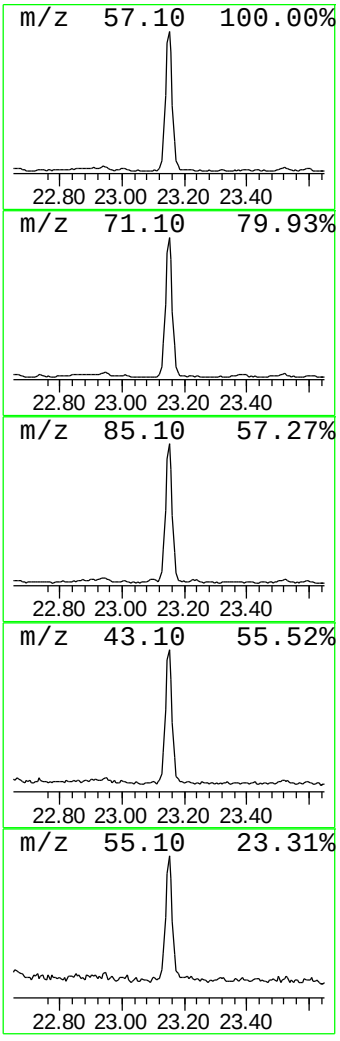
Peak Number 7 Tridecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	4.40 ng/ul	1074190	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

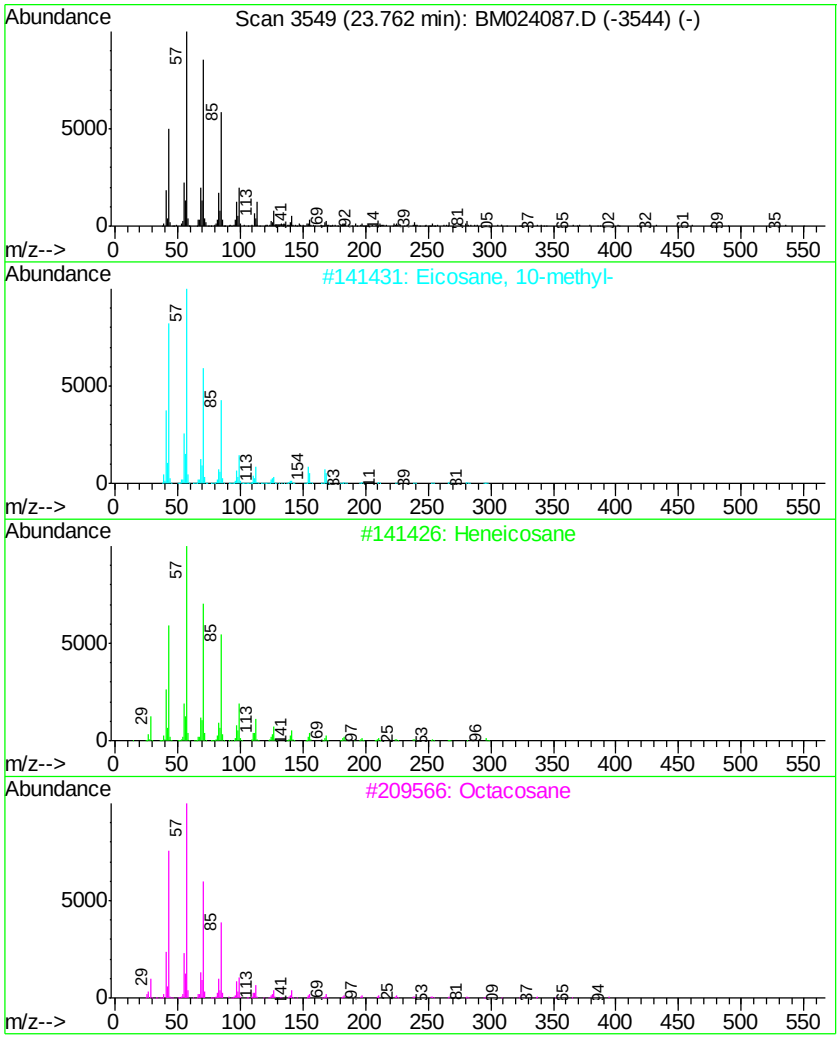
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

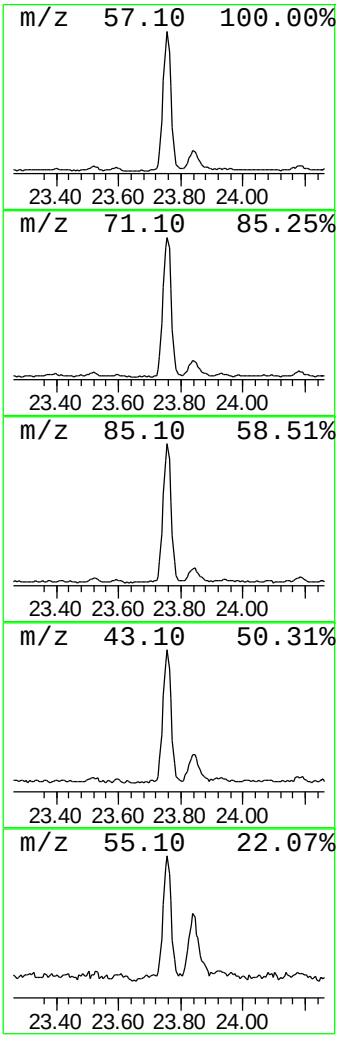
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	4.32 ng/ul	1055510	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024087.D
Acq On : 13 Dec 2019 12:07
Operator : JU
Sample : K6132-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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	17.81	3.7	ng/ul	868986	4	16.88	4665300	20.0
(DEL) Alkane: Cyc...	20.83	8.2	ng/ul	1858070	5	21.09	4543270	20.0
2-Bromo dodecane	21.69	3.0	ng/ul	676286	5	21.09	4543270	20.0
(DEL) Alkane: Str...	22.14	3.3	ng/ul	756357	5	21.09	4543270	20.0
Squalene	22.26	2.2	ng/ul	528798	6	23.23	4882380	20.0
(DEL) Alkane: Str...	22.61	3.8	ng/ul	916990	6	23.23	4882380	20.0
Tridecane, 1-iodo-	23.15	4.4	ng/ul	1074190	6	23.23	4882380	20.0
(DEL) Alkane: Str...	23.76	4.3	ng/ul	1055510	6	23.23	4882380	20.0