LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022318.D
Acq On : 25 Aug 2019 07:14
Operator : HP/JU
Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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-BM082219MA.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	3.128	21	24	28	rBV	5719	6655	0.34%	0.043%
2	3.716	119	124	127	rBV3	5492	7784	0.40%	0.050%
3	3.816	138	141	144	rVB3	1745	2116	0.11%	0.014%
4	6.628	614	619	626	rBV2	1621	2426	0.13%	0.016%
5	6.751	635	640	653	rVB2	36336	76396	3.96%	0.493%
6	6.910	661	667	679	rBV	118853	202231	10.47%	1.304%
7	7.087	692	697	711	rVB	162792	262967	13.62%	1.696%
8	7.551	769	776	782	rBV	168448	269393	13.95%	1.737%
9	7.610	782	786	795	rVB	24960	39183	2.03%	0.253%
10	8.169	875	881	885	rBV2	2296	3302	0.17%	0.021%
11	8.275	894	899	912	rBV	122704	208034	10.77%	1.342%
12	8.722	969	975	989	rBV	192745	321039	16.63%	2.070%
13	9.034	1024	1028	1031	rBV2	2309	3060	0.16%	0.020%
14	9.434	1089	1096	1105	rBV	182332	305465	15.82%	1.970%
15	9.969	1181	1187	1210	rBV	204790	447523	23.18%	2.886%
16	10.322	1240	1247	1254	rBV	264564	416768	21.58%	2.688%
17	10.516	1274	1280	1287	rBV3	7536	16388	0.85%	0.106%
18	11.939	1518	1522	1528	rVB3	2653	4487	0.23%	0.029%
19	12.998	1698	1702	1705	rBV2	1968	2180	0.11%	0.014%
20	13.086	1713	1717	1724	rVB2	3697	6419	0.33%	0.041%
21	13.163	1727	1730	1733	rVB	1802	2189	0.11%	0.014%
22	13.522	1788	1791	1797	rBV4	2433	4691	0.24%	0.030%
23	13.569	1797	1799	1804	rVB4	1801	2469	0.13%	0.016%
24	13.633	1804	1810	1815	rBV	609020	812966	42.10%	5.243%
25	13.680	1815	1818	1826	rVB	49118	71314	3.69%	0.460%
26	13.780	1832	1835	1839	rBV2	2675	2683	0.14%	0.017%
27	13.898	1849	1855	1865	rBV2	638621	924627	47.89%	5.963%
28	14.086	1882	1887	1890	rBV3	3159	4595	0.24%	0.030%
29	14.163	1895	1900	1902	rBV3	4292	7439	0.39%	0.048%
30	14.204	1902	1907	1914	rVB	440866	641727	33.24%	4.139%
31	14.351	1929	1932	1936	rVB3	1826	2298	0.12%	0.015%
32	14.427	1941	1945	1948	rBV3	2831	3271	0.17%	0.021%
33	14.516	1953	1960	1970	rBV5	20314	65124	3.37%	0.420%
34	14.645	1978	1982	1986	rVB3	3936	5702	0.30%	0.037%

LSC Area Percent Report

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Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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-BM082219MA.M
Title : SVOA CALIBRATION

35	14.710	1989	1993	1998	rBV3	3613	6012	0.31%	0.039%
36	14.780	1998	2005	2009	rBV5	3874	7484	0.39%	0.048%
37	14.998	2038	2042	2043	rBV3	3614	4210	0.22%	0.027%
38	15.045	2047	2050	2055	rVB3	3601	5515	0.29%	0.036%
39	15.104	2055	2060	2064	rBV2	4946	9714	0.50%	0.063%
40	15.210	2072	2078	2086	rVB	872528	1202507	62.28%	7.755%
41	15.380	2098	2107	2116	rBV	245746	388264	20.11%	2.504%
42	15.451	2116	2119	2124	rVV5	15802	23142	1.20%	0.149%
43	15.486	2124	2125	2130	rVV2	2191	2542	0.13%	0.016%
44	15.551	2130	2136	2138	rVV3	2891	3543	0.18%	0.023%
45	15.604	2142	2145	2150	rBV4	3369	4695	0.24%	0.030%
46	15.669	2153	2156	2162	rVB3	3801	4697	0.24%	0.030%
47	15.757	2168	2171	2174	rBV4	1701	2602	0.13%	0.017%
48	15.786	2174	2176	2180	rVB5	1771	2288	0.12%	0.015%
49	15.863	2187	2189	2194	rVB3	1711	2486	0.13%	0.016%
50	15.921	2194	2199	2200	rBV3	3897	6276	0.33%	0.040%
51	16.163	2234	2240	2243	rBV6	4466	7267	0.38%	0.047%
52	16.263	2251	2257	2259	rBV3	3878	6508	0.34%	0.042%
53	16.316	2263	2266	2270	rVB4	3525	4790	0.25%	0.031%
54	16.374	2273	2276	2281	rVB4	2636	4458	0.23%	0.029%
55	16.421	2281	2284	2286	rBV	2105	2083	0.11%	0.013%
56	16.704	2327	2332	2336	rBV5	3068	5502	0.28%	0.035%
57	16.751	2338	2340	2345	rVV4	5829	7607	0.39%	0.049%
58	16.804	2345	2349	2352	rVB4	2459	3766	0.20%	0.024%
59	16.968	2371	2377	2384	rBV2	595404	822989	42.62%	5.308%
60	17.068	2388	2394	2403	rVB	1061706	1478003	76.55%	9.532%
61	17.198	2410	2416	2421	rBV3	3912	7471	0.39%	0.048%
62	17.263	2421	2427	2429	rBV5	2269	3782	0.20%	0.024%
63	17.351	2439	2442	2446	rVB5	2553	3809	0.20%	0.025%
64	17.445	2455	2458	2462	rVB4	2751	3565	0.18%	0.023%
65	17.515	2468	2470	2473	rVB3	1896	2088	0.11%	0.013%
66	17.633	2487	2490	2494	rVB3	1746	2477	0.13%	0.016%
67	17.739	2502	2508	2509	rBV3	2123	3538	0.18%	0.023%
68	17.868	2522	2530	2538	rBV2	56741	88543	4.59%	0.571%
69	18.139	2573	2576	2581	rBV3	7214	9832	0.51%	0.063%
70	18.321	2606	2607	2611	rVB4	3442	3917	0.20%	0.025%
71	18.398	2617	2620	2624	rBV3	2988	4959	0.26%	0.032%

LSC Area Percent Report

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Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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-BM082219MA.M
Title : SVOA CALIBRATION

72	18.580	2649	2651	2652	rBV2	2671	2186	0.11%	0.014%
73	18.651	2661	2663	2666	rBV3	2093	2697	0.14%	0.017%
74	18.721	2672	2675	2677	rBV4	1753	2071	0.11%	0.013%
75	18.786	2682	2686	2689	rBV	10526	14092	0.73%	0.091%
76	18.904	2704	2706	2709	rBV4	2044	2300	0.12%	0.015%
77	19.009	2720	2724	2727	rBV2	13182	16299	0.84%	0.105%
78	19.157	2745	2749	2755	rBV2	33952	46951	2.43%	0.303%
79	19.204	2755	2757	2761	rVV4	4716	5924	0.31%	0.038%
80	19.262	2764	2767	2771	rVB	9106	9358	0.48%	0.060%
81	19.339	2776	2780	2781	rBV4	2603	3002	0.16%	0.019%
82	19.380	2781	2787	2796	rBV	1410996	1930877	100.00%	12.452%
83	19.768	2850	2853	2854	rBV2	3661	4087	0.21%	0.026%
84	19.909	2873	2877	2880	rVB	28741	30354	1.57%	0.196%
85	20.409	2958	2962	2965	rBV	46955	53601	2.78%	0.346%
86	20.839	3032	3035	3037	rBV4	10140	12894	0.67%	0.083%
87	20.874	3037	3041	3048	rVV	128420	165208	8.56%	1.065%
88	21.180	3088	3093	3101	rBV	714537	897987	46.51%	5.791%
89	21.309	3111	3115	3119	rBV	98817	111444	5.77%	0.719%
90	21.733	3183	3187	3191	rBV	108413	123834	6.41%	0.799%
91	22.180	3259	3263	3268	rVB	125416	155412	8.05%	1.002%
92	22.668	3342	3346	3350	rVB	120631	167328	8.67%	1.079%
93	23.233	3433	3442	3450	rVB	815610	1559423	80.76%	10.057%
94	23.368	3460	3465	3474	rVB	401716	722808	37.43%	4.661%
95	23.821	3538	3542	3549	rVB	93990	158097	8.19%	1.020%

Sum of corrected areas: 15506076

LSC Report - Integrated Chromatogram

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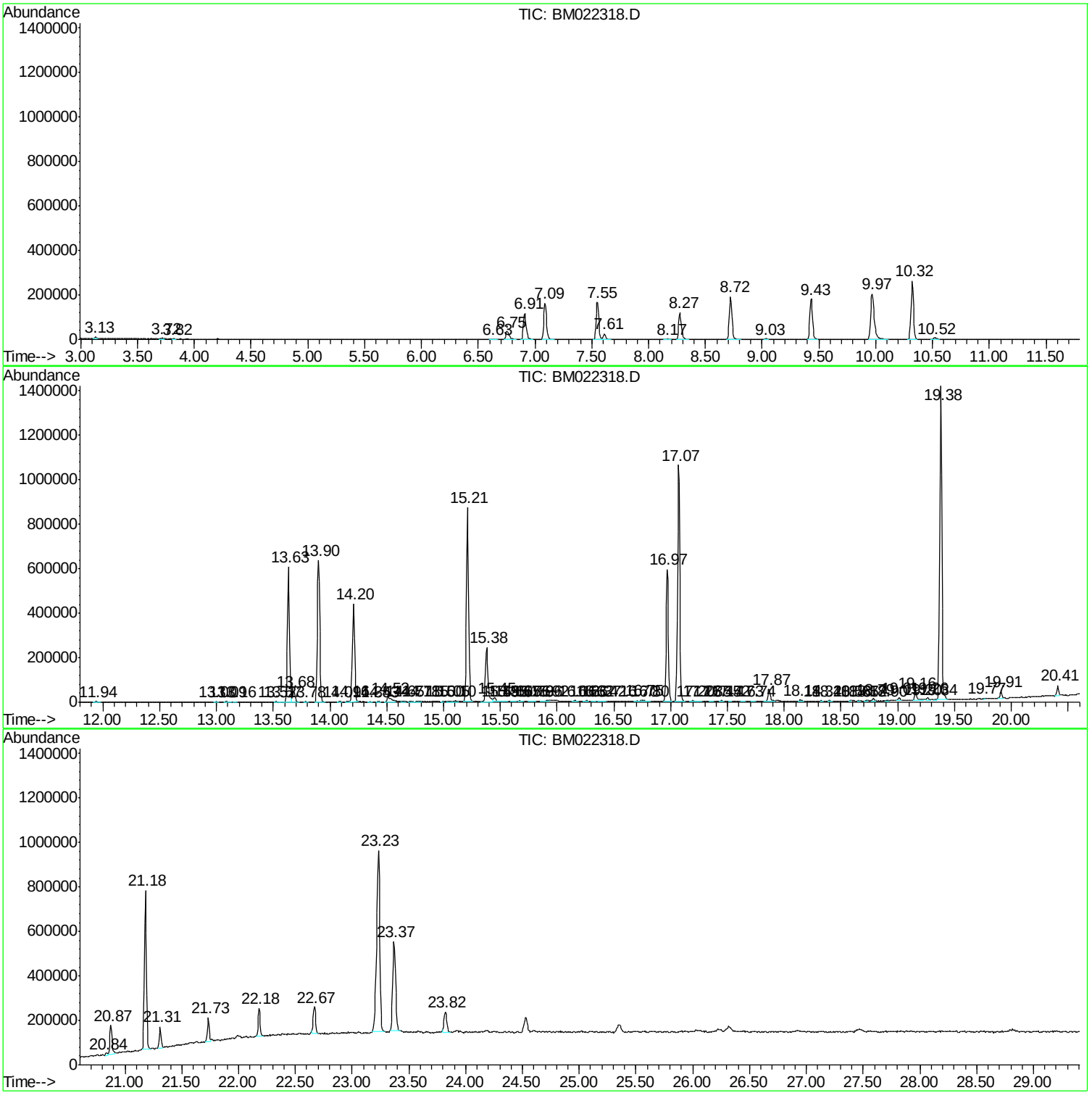
Data File : BM022318.D
Acq On : 25 Aug 2019 07:14
Operator : HP/JU
Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022318.D
Acq On : 25 Aug 2019 07:14
Operator : HP/JU
Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

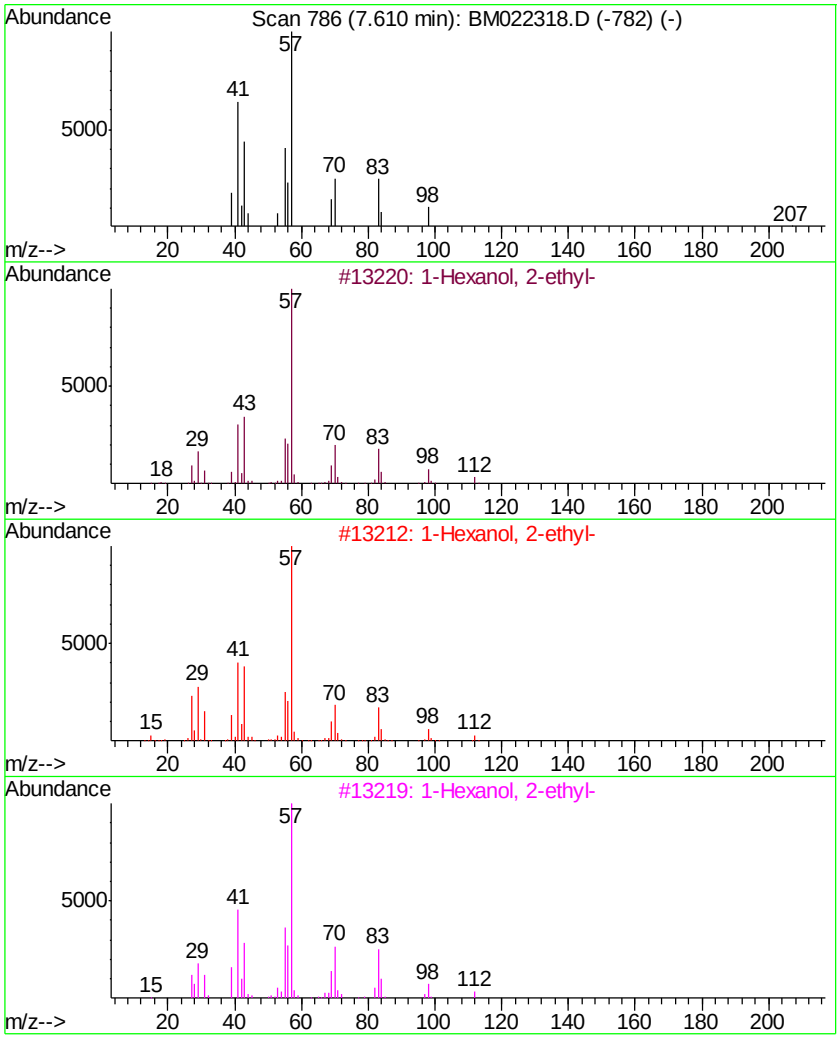
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

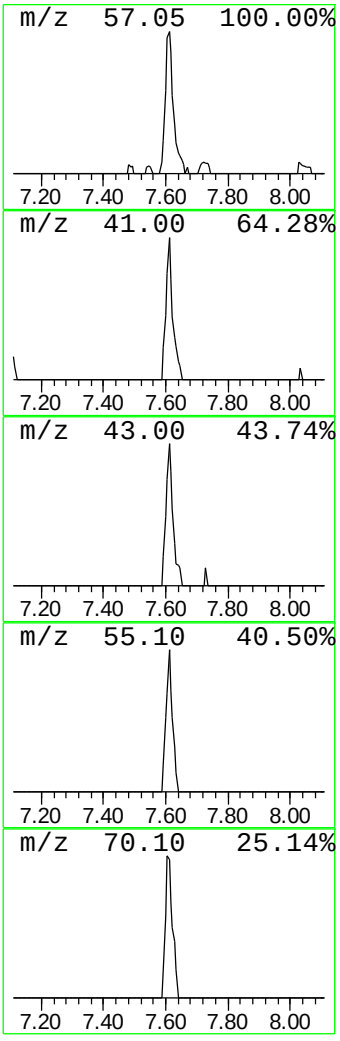
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.91 ng/ul	39183	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

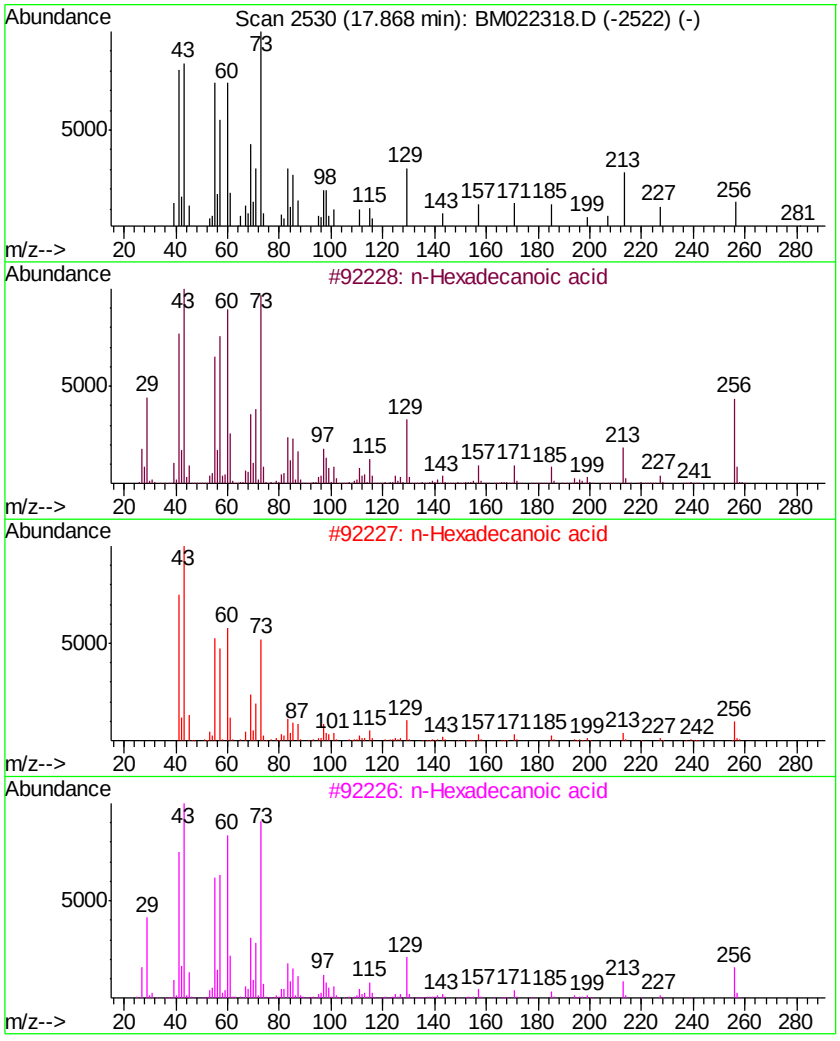
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

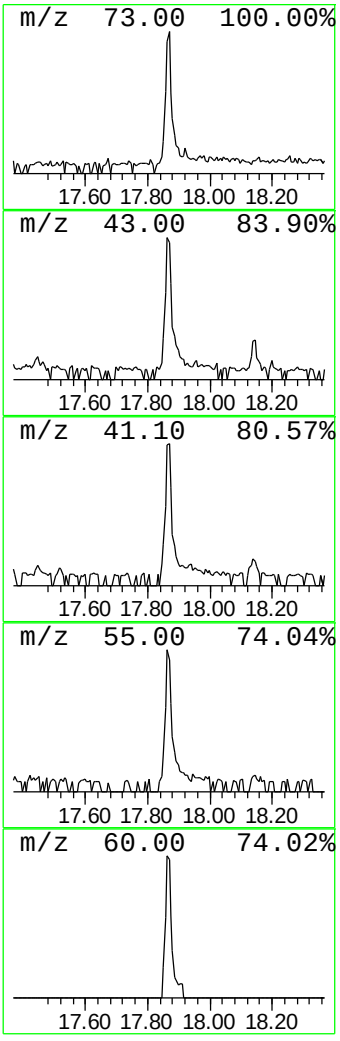
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.15 ng/ul	88543	Phenanthrene-d10	16.97

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

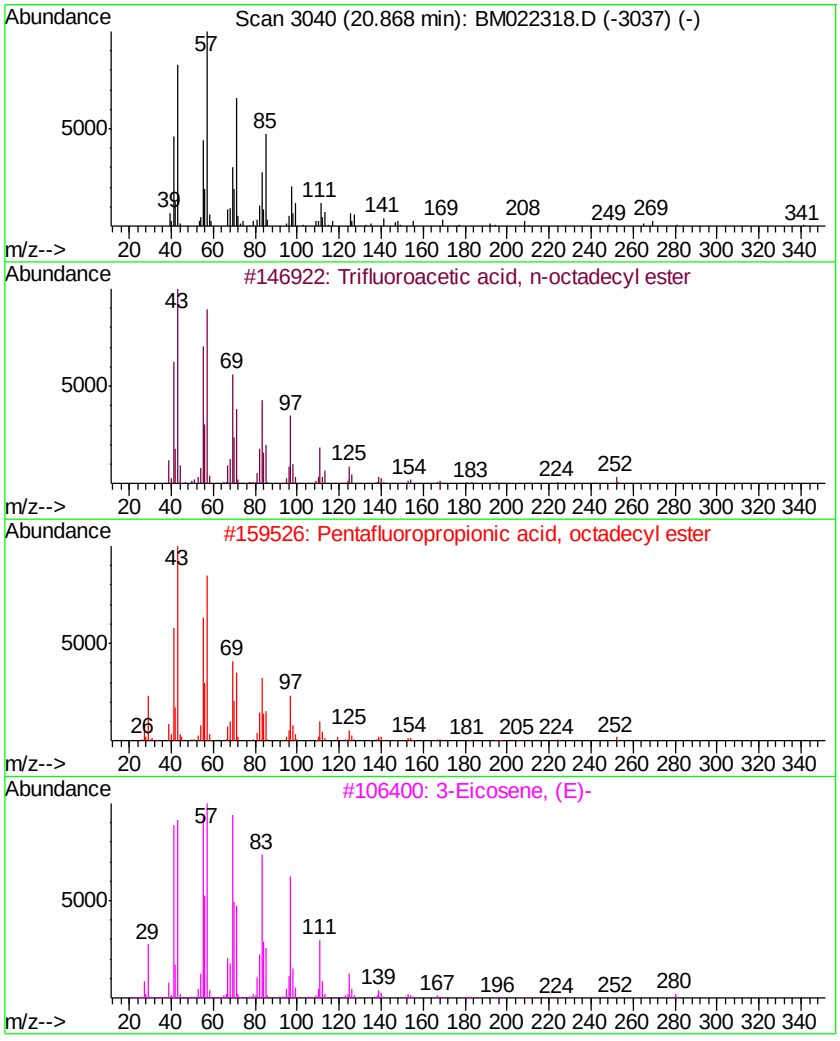
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

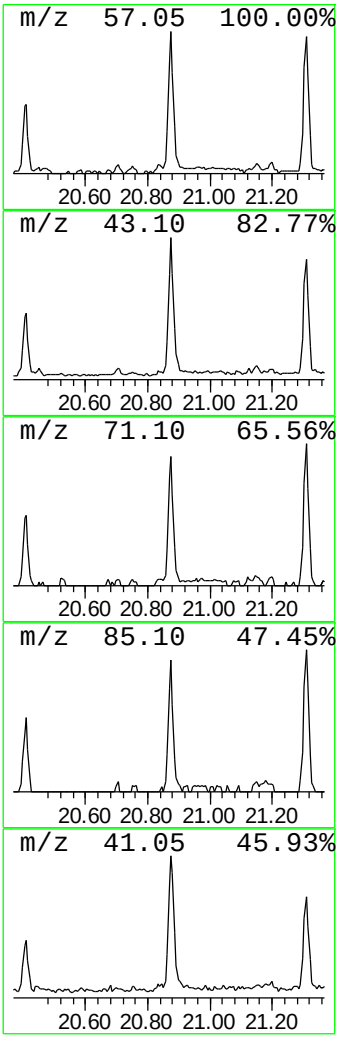
****

Peak Number 3 Trifluoroacetic acid, n-oct... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.68 ng/ul	165208	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	70
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	70
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	60
4	1-Docosene	308	C22H44	001599-67-3	58
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	53





Library Search Compound Report

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Data File : BM022318.D
Acq On : 25 Aug 2019 07:14
Operator : HP/JU
Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

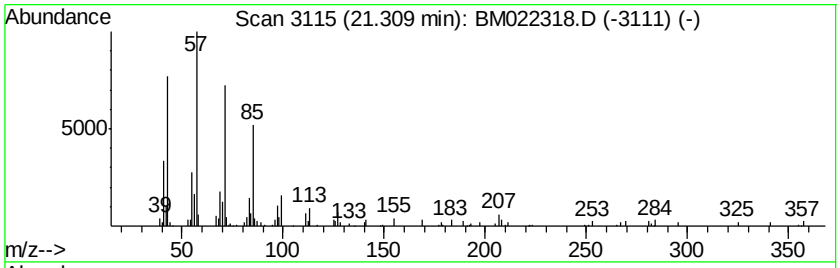
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

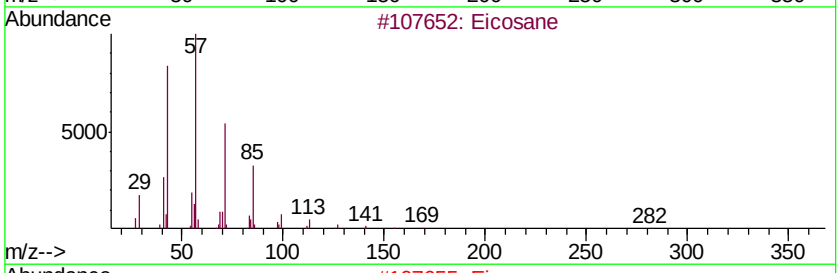
****

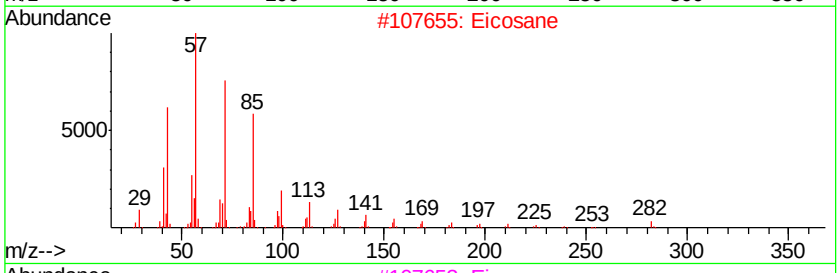
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

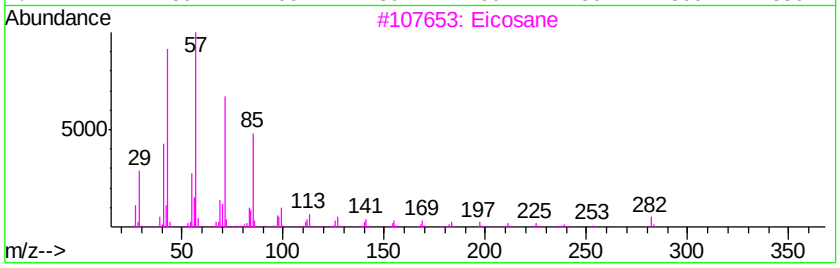
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	2.48 ng/ul	111444	Chrysene-d12	21.18

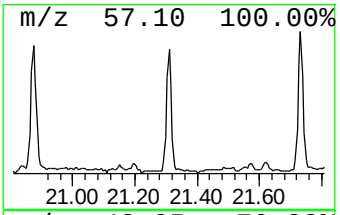
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Eicosane	282	C20H42	000112-95-8	93
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	90

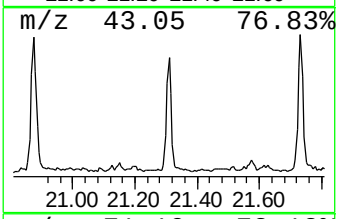


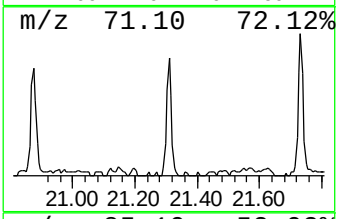


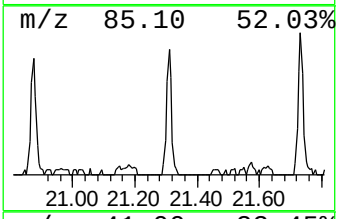


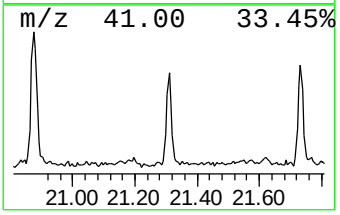












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Data File : BM022318.D
Acq On : 25 Aug 2019 07:14
Operator : HP/JU
Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

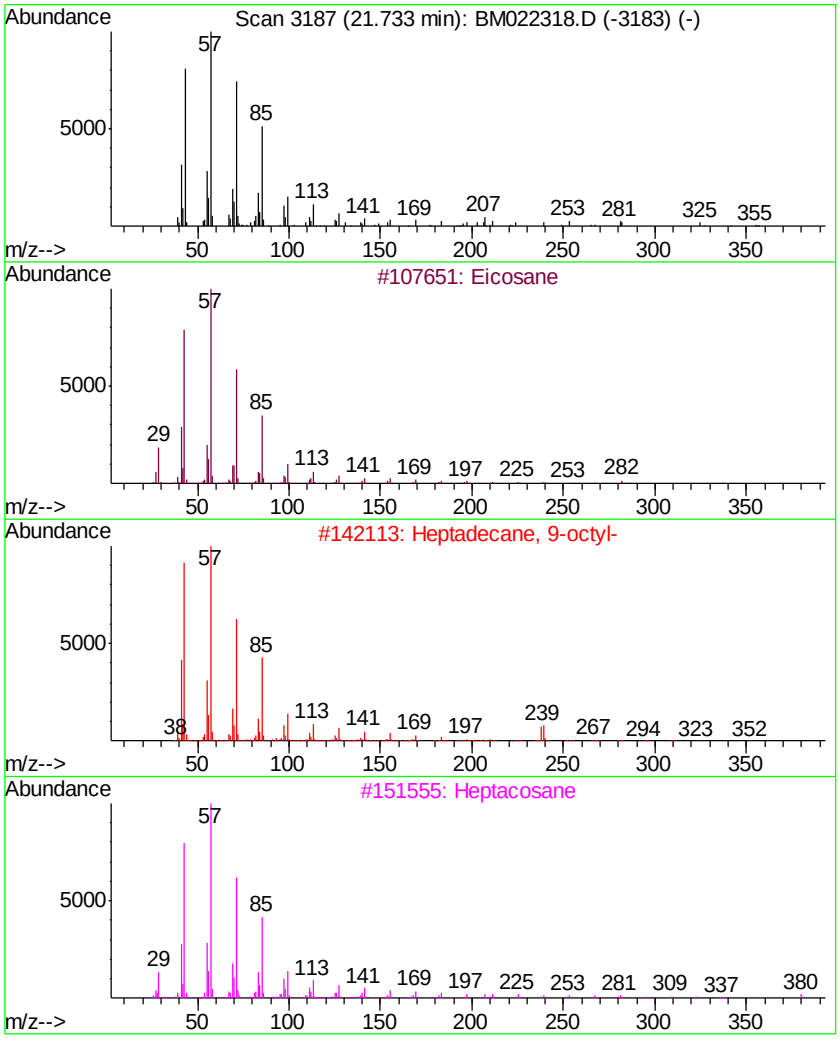
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

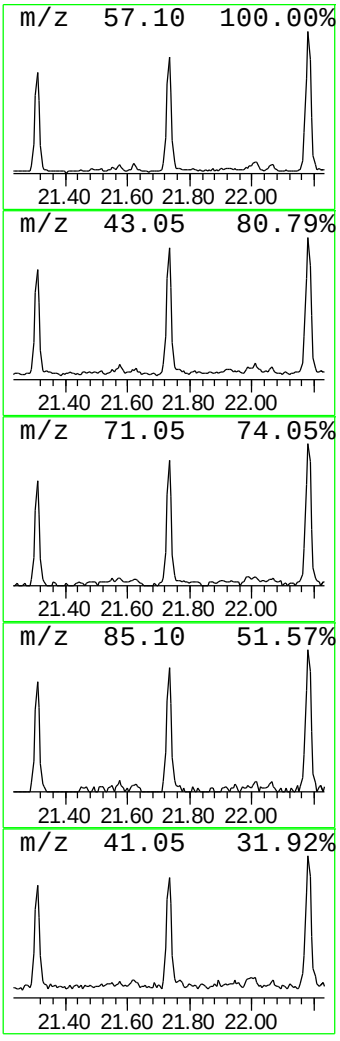
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.76 ng/ul	123834	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane	282	C20H42	000112-95-8	91





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Data File : BM022318.D
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Operator : HP/JU
Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

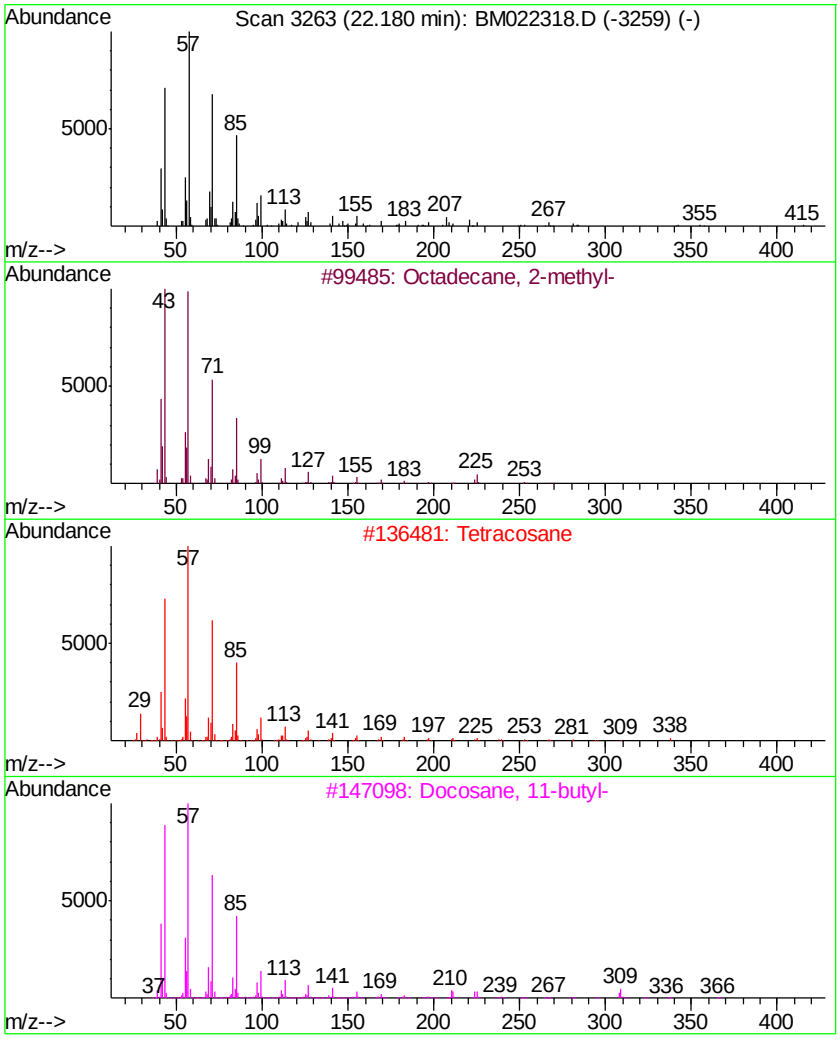
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

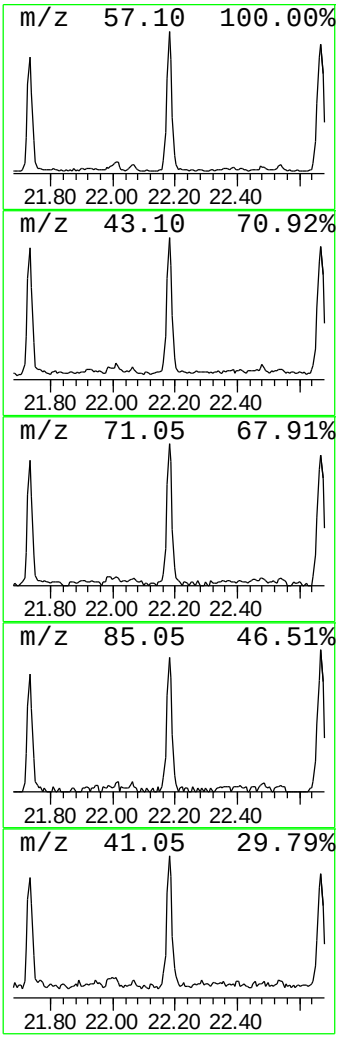
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	3.46 ng/ul	155412	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022318.D
Acq On : 25 Aug 2019 07:14
Operator : HP/JU
Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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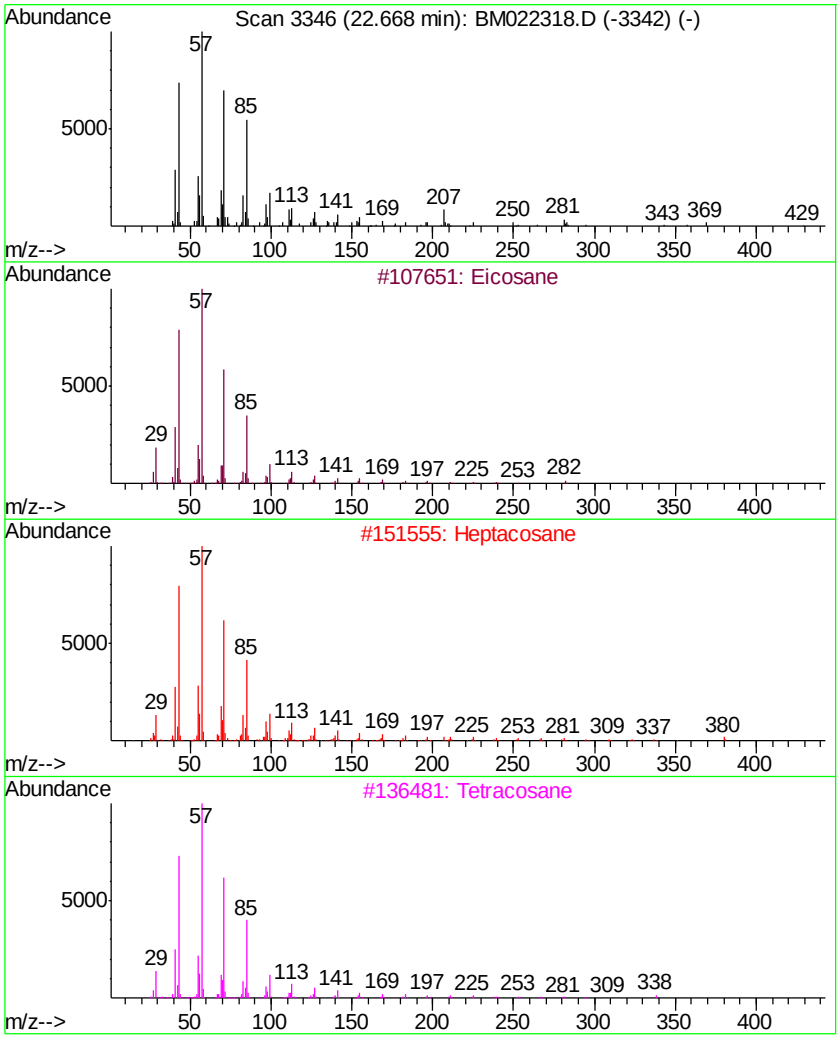
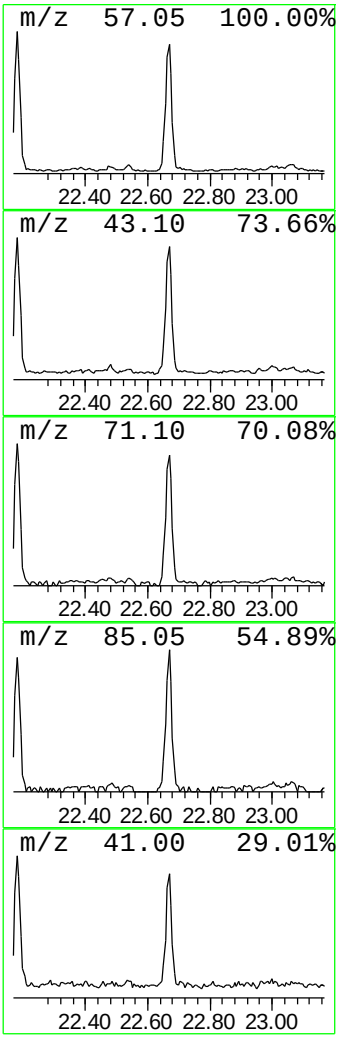
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	4.63 ng/ul	167328	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Library Search Compound Report

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Data File : BM022318.D
Acq On : 25 Aug 2019 07:14
Operator : HP/JU
Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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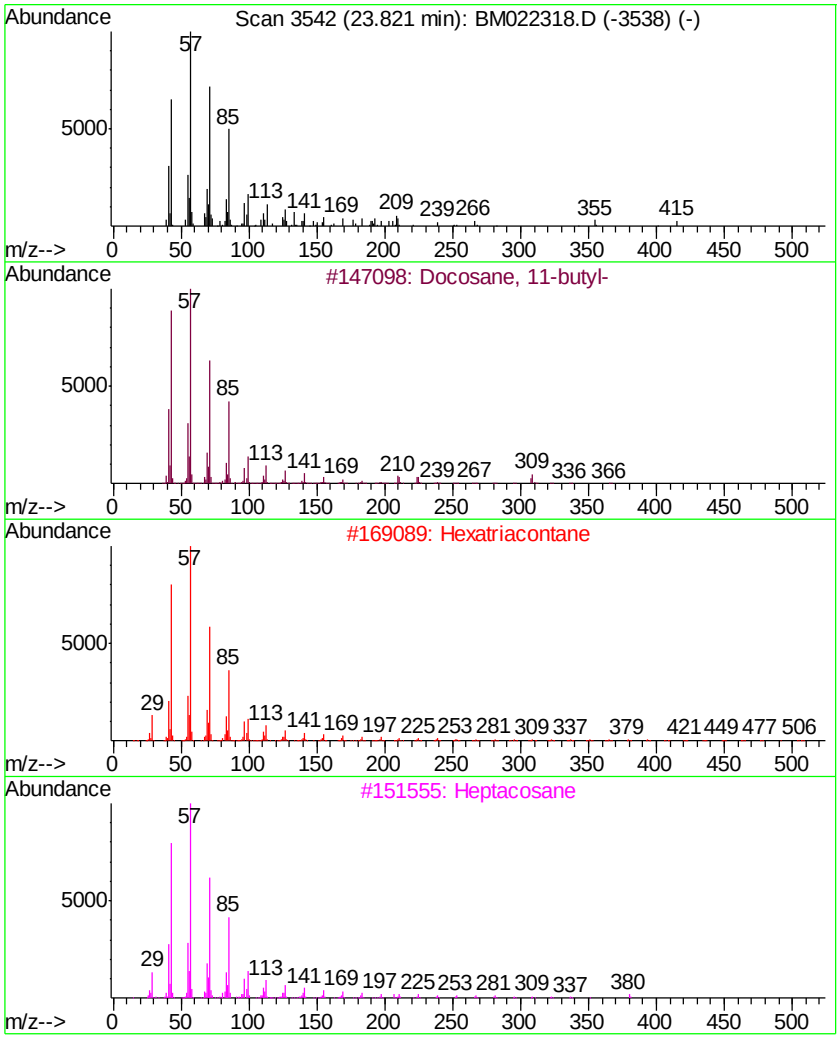
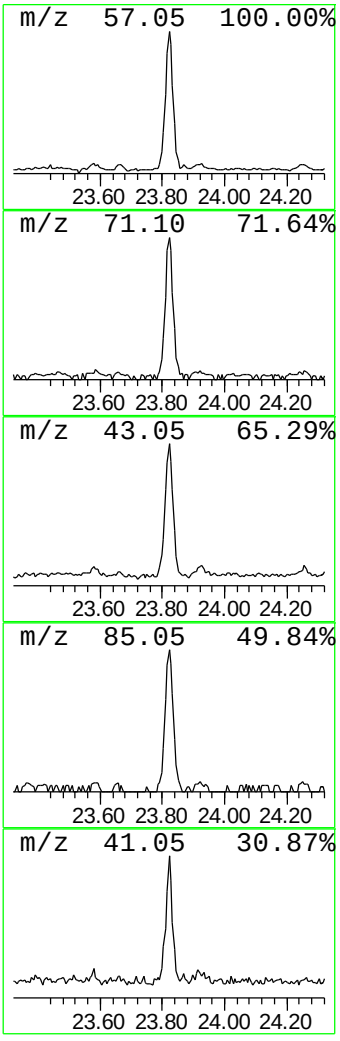
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	4.37 ng/ul	158097	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022318.D
Acq On : 25 Aug 2019 07:14
Operator : HP/JU
Sample : K4373-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	7.61	2.9	ng/ul	39183	1	7.55	269393	20.0
n-Hexadecanoic acid	17.87	2.1	ng/ul	88543	4	16.97	822989	20.0
Trifluoroacetic a...	20.87	3.7	ng/ul	165208	5	21.18	897987	20.0
(DEL) Alkane: Str...	21.31	2.5	ng/ul	111444	5	21.18	897987	20.0
(DEL) Alkane: Str...	21.73	2.8	ng/ul	123834	5	21.18	897987	20.0
(DEL) Alkane: Str...	22.18	3.5	ng/ul	155412	5	21.18	897987	20.0
(DEL) Alkane: Str...	22.67	4.6	ng/ul	167328	6	23.37	722808	20.0
(DEL) Alkane: Str...	23.82	4.4	ng/ul	158097	6	23.37	722808	20.0