LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

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-BM061419MA.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	3.034	4	8	19	rVB	1678591	2224826	41.47%	3.468%
2	3.299	50	53	58	rVB	34269	45135	0.84%	0.070%
3	6.469	588	592	595	rBV5	4794	8937	0.17%	0.014%
4	6.951	667	674	684	rBV	690777	1088948	20.30%	1.697%
5	7.128	698	704	713	rBV	570315	868695	16.19%	1.354%
6	7.316	730	736	745	rBV	713109	1141917	21.29%	1.780%
7	7.675	793	797	800	rVB4	3884	5756	0.11%	0.009%
8	7.786	809	816	823	rBV	878667	1346663	25.10%	2.099%
9	8.486	927	935	946	rBV	872298	1415799	26.39%	2.207%
10	8.622	951	958	961	rVB6	6256	11745	0.22%	0.018%
11	8.945	1007	1013	1024	rBV	705818	1193970	22.26%	1.861%
12	9.110	1037	1041	1042	rBV3	5657	6347	0.12%	0.010%
13	9.322	1073	1077	1082	rBV4	6346	9946	0.19%	0.016%
14	9.663	1128	1135	1143	rBV	594585	981044	18.29%	1.529%
15	10.198	1218	1226	1242	rBV	992076	1652635	30.81%	2.576%
16	10.574	1282	1290	1299	rBV	1282336	2131440	39.73%	3.323%
17	10.722	1304	1315	1332	rBV	752878	1415931	26.39%	2.207%
18	11.369	1418	1425	1431	rVB3	5489	11030	0.21%	0.017%
19	12.092	1542	1548	1551	rBV4	3886	6348	0.12%	0.010%
20	12.163	1555	1560	1567	rVB4	13085	25241	0.47%	0.039%
21	12.768	1659	1663	1669	rBV5	9385	13359	0.25%	0.021%
22	13.027	1703	1707	1712	rVB5	10653	16879	0.31%	0.026%
23	13.315	1750	1756	1761	rBV3	2900	5873	0.11%	0.009%
24	13.839	1836	1845	1849	rBV	2034942	2829107	52.74%	4.410%
25	13.886	1849	1853	1860	rVV	486257	673984	12.56%	1.051%
26	13.945	1860	1863	1867	rVB4	5794	8086	0.15%	0.013%
27	14.063	1878	1883	1886	rBV2	15570	25113	0.47%	0.039%
28	14.121	1886	1893	1903	rVB	2144804	3233156	60.27%	5.040%
29	14.427	1938	1945	1956	rVB2	2219662	3265031	60.86%	5.090%
30	14.627	1973	1979	1999	rBV	588878	969730	18.08%	1.512%
31	14.804	2006	2009	2012	rVB5	4197	5809	0.11%	0.009%
32	14.851	2012	2017	2024	rVB6	16378	26997	0.50%	0.042%
33	15.221	2074	2080	2083	rBV	36790	47783	0.89%	0.074%
34	15.262	2083	2087	2093	rVB5	7333	13630	0.25%	0.021%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

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-BM061419MA.M
Title : SVOA CALIBRATION

35	15.421	2107	2114	2121	rBV	3101787	4365612	81.38%	6.805%
36	15.545	2127	2135	2149	rBV	634029	944440	17.61%	1.472%
37	15.662	2149	2155	2160	rVB	34713	53207	0.99%	0.083%
38	15.892	2189	2194	2196	rBV4	4824	6773	0.13%	0.011%
39	16.133	2231	2235	2238	rBV4	9732	13224	0.25%	0.021%
40	16.198	2244	2246	2252	rVB5	5613	6991	0.13%	0.011%
41	16.374	2273	2276	2281	rBV5	6093	6474	0.12%	0.010%
42	16.562	2305	2308	2315	rVB6	6039	9484	0.18%	0.015%
43	16.927	2366	2370	2372	rVV4	11999	16037	0.30%	0.025%
44	16.962	2372	2376	2383	rVB4	13470	26365	0.49%	0.041%
45	17.056	2389	2392	2396	rBV4	15826	24232	0.45%	0.038%
46	17.127	2401	2404	2406	rBV4	8000	11184	0.21%	0.017%
47	17.174	2406	2412	2418	rVV2	2876367	4044418	75.39%	6.305%
48	17.268	2422	2428	2439	rBV2	3149110	4618682	86.10%	7.200%
49	17.456	2456	2460	2465	rBV3	6945	11039	0.21%	0.017%
50	17.533	2469	2473	2474	rVV3	5779	7768	0.14%	0.012%
51	17.556	2474	2477	2479	rVV3	12354	14348	0.27%	0.022%
52	17.656	2491	2494	2498	rBV4	11175	13014	0.24%	0.020%
53	17.839	2522	2525	2529	rVB4	10280	12872	0.24%	0.020%
54	17.945	2536	2543	2546	rBV7	15152	28577	0.53%	0.045%
55	17.998	2548	2552	2557	rBV6	16264	21860	0.41%	0.034%
56	18.062	2557	2563	2573	rBV	322250	515236	9.60%	0.803%
57	18.139	2573	2576	2583	rVB	34416	50144	0.93%	0.078%
58	18.350	2608	2612	2617	rBV6	23988	38363	0.72%	0.060%
59	18.927	2705	2710	2715	rBV2	90570	123926	2.31%	0.193%
60	18.986	2715	2720	2724	rVV4	32064	51949	0.97%	0.081%
61	19.197	2752	2756	2758	rBV	44292	56269	1.05%	0.088%
62	19.227	2758	2761	2768	rVB	61676	104257	1.94%	0.163%
63	19.339	2776	2780	2785	rBV	105434	145201	2.71%	0.226%
64	19.450	2797	2799	2803	rVB	28559	28641	0.53%	0.045%
65	19.562	2812	2818	2831	rBV	3815782	5364536	100.00%	8.362%
66	20.097	2906	2909	2912	rBV2	55059	59618	1.11%	0.093%
67	20.597	2991	2994	2999	rVB2	61056	75872	1.41%	0.118%
68	20.762	3019	3022	3027	rBV	171610	196624	3.67%	0.307%
69	21.056	3067	3072	3078	rBV	806156	1032041	19.24%	1.609%
70	21.350	3117	3122	3132	rBV	3084979	3978850	74.17%	6.202%
71	21.491	3143	3146	3151	rBV2	176403	206905	3.86%	0.323%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

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-BM061419MA.M
Title : SVOA CALIBRATION

72	21.933	3217	3221	3223	rBV	344710	455347	8.49%	0.710%
73	22.403	3297	3301	3306	rVB	281369	358517	6.68%	0.559%
74	22.915	3384	3388	3392	rBV	469653	679423	12.67%	1.059%
75	22.962	3393	3396	3406	rVB3	293923	476621	8.88%	0.743%
76	23.480	3477	3484	3496	rVB	2575842	4851625	90.44%	7.563%
77	23.627	3502	3509	3519	rVB	1888547	3629728	67.66%	5.658%
78	24.150	3593	3598	3604	rVB	368578	687074	12.81%	1.071%

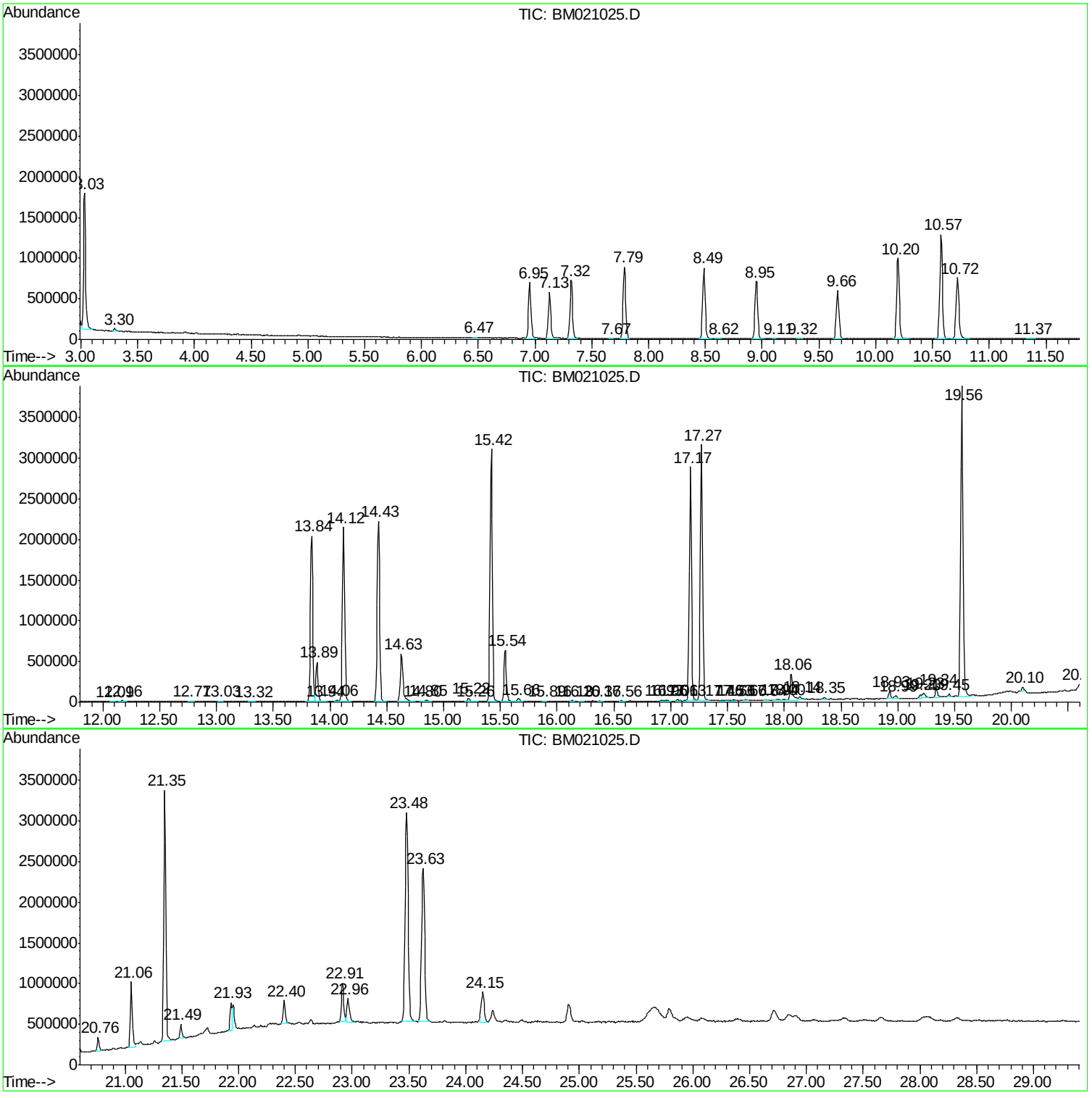
Sum of corrected areas: 64150258

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

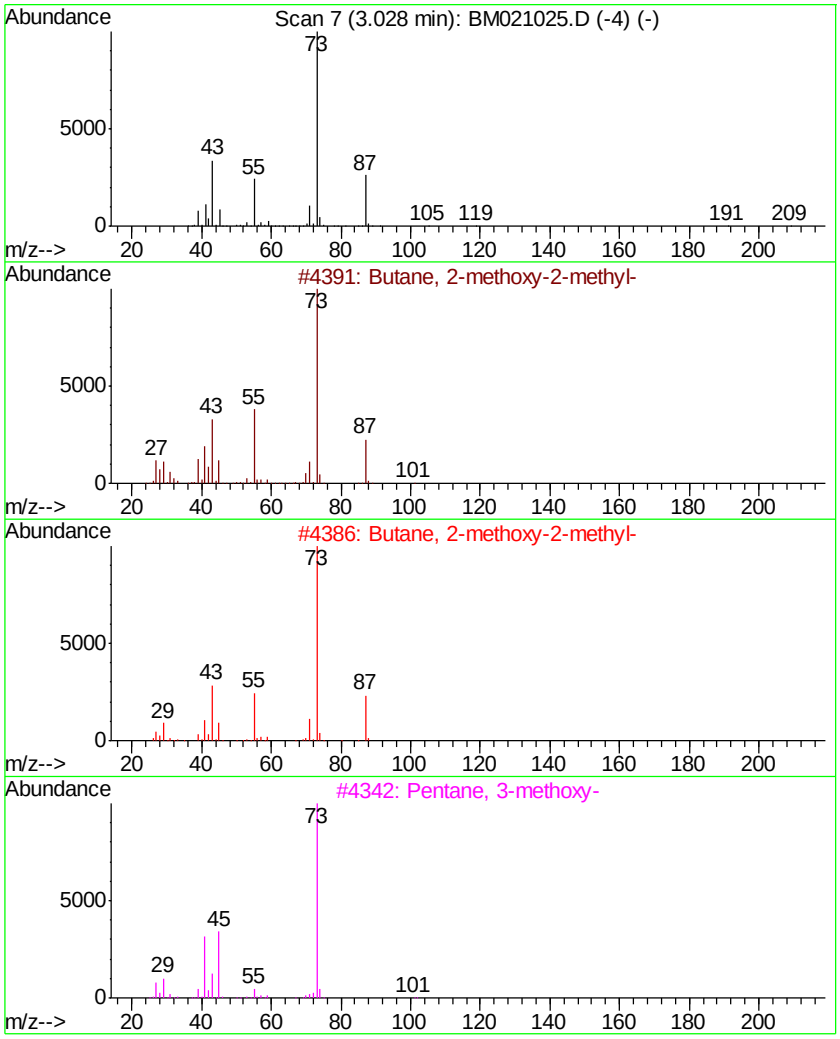
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

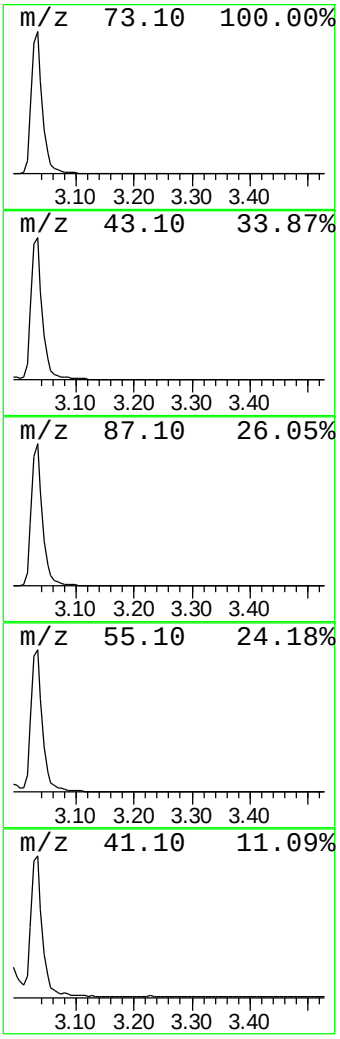
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	33.04 ng/ul	2224830	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

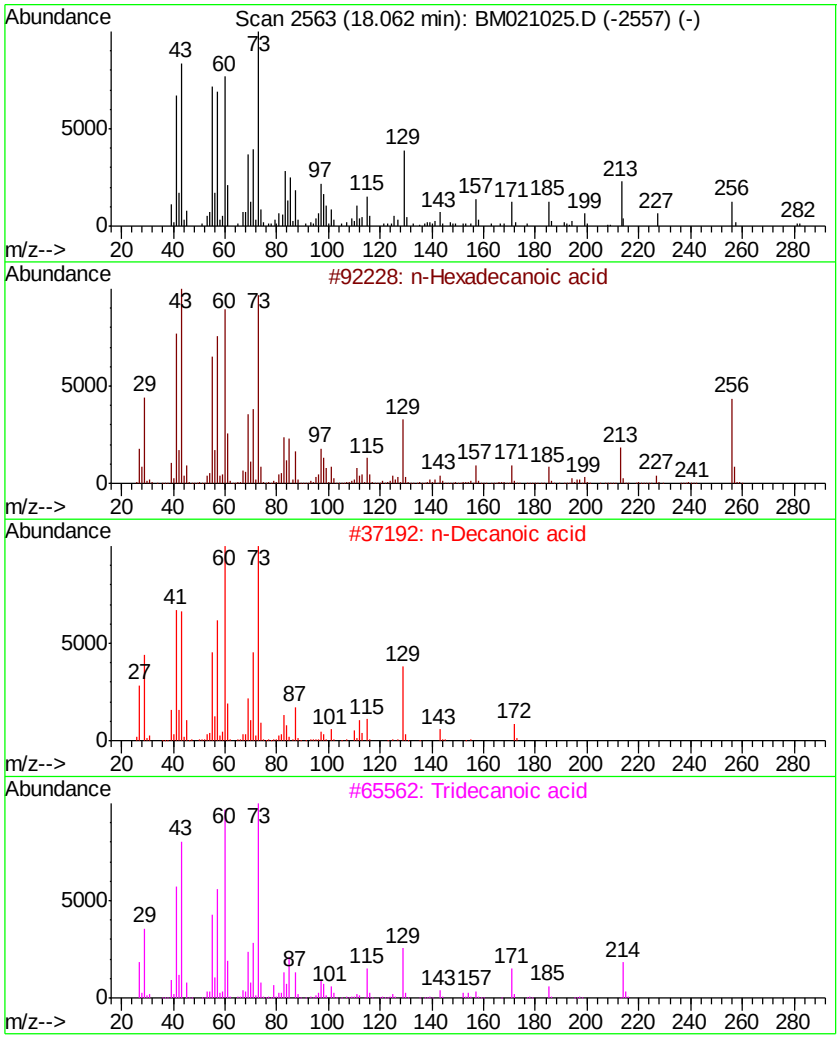
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

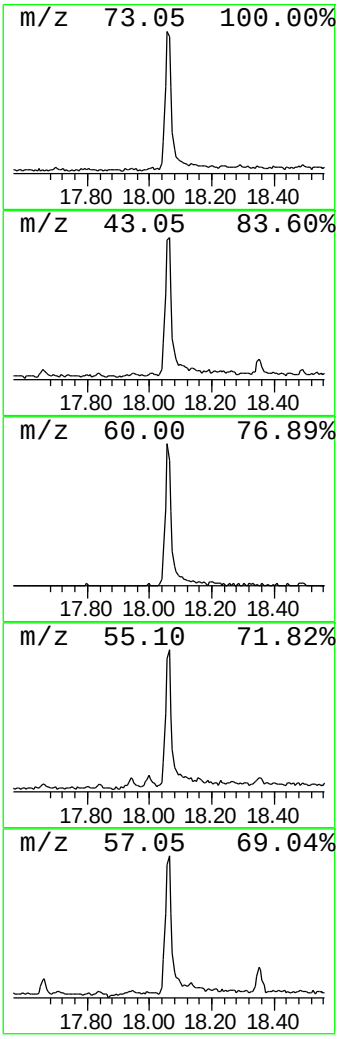
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.55 ng/ul	515236	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

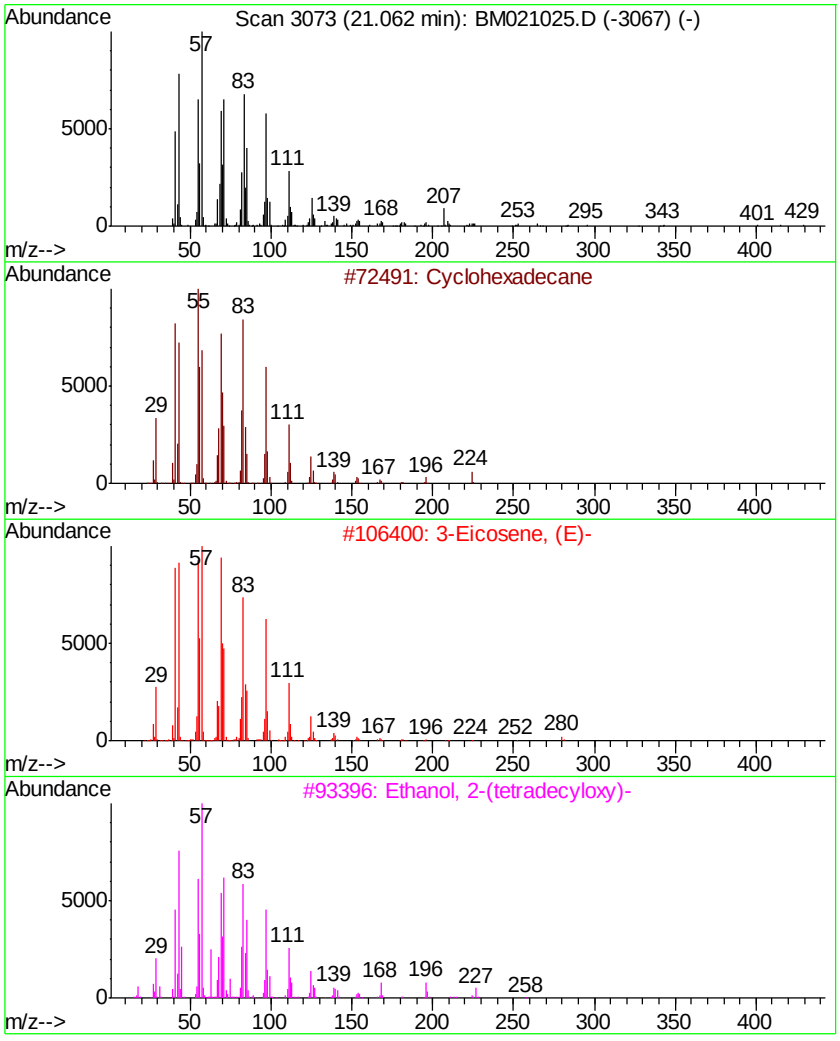
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

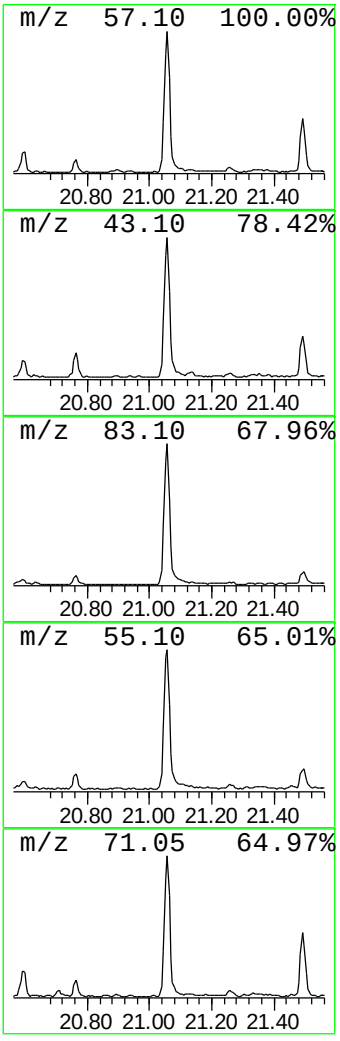
****

Peak Number 3 (DEL) Alkane: Cyclic21.06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.19 ng/ul	1032040	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

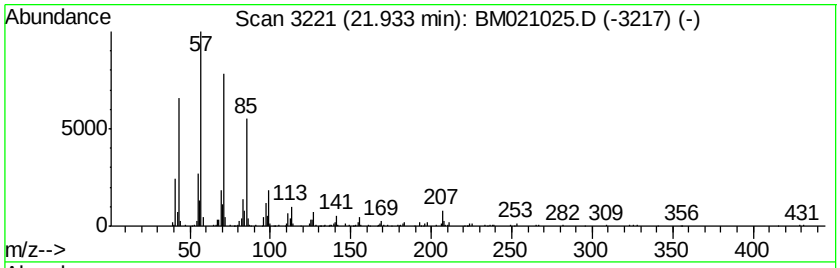
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

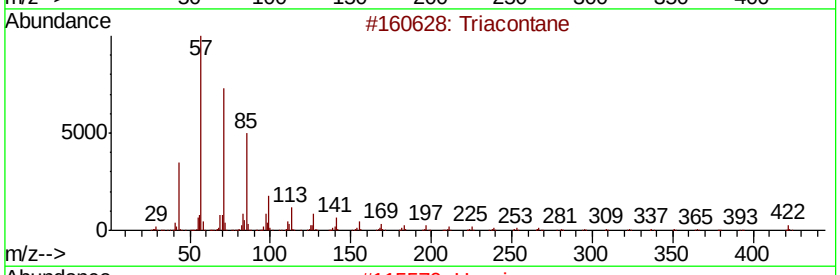
****

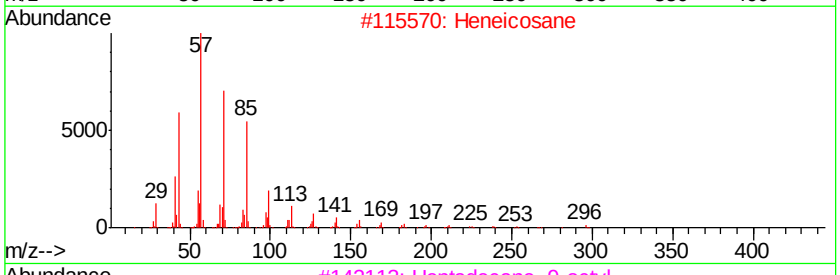
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

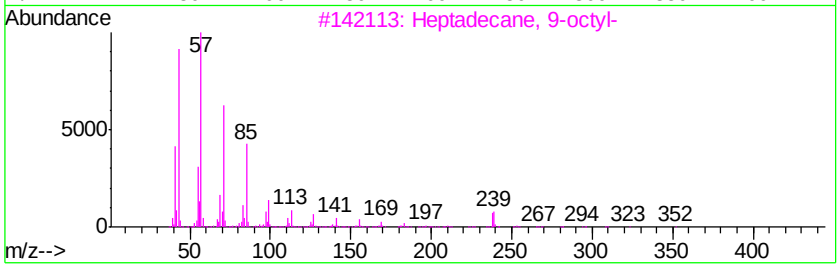
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.29 ng/ul	455347	Chrysene-d12	21.35

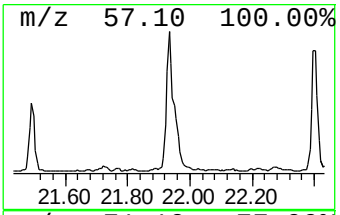
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91

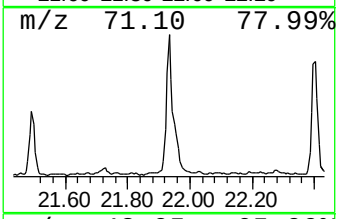


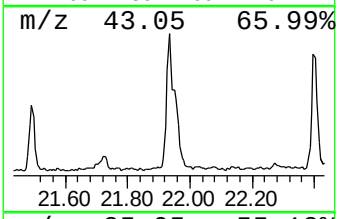


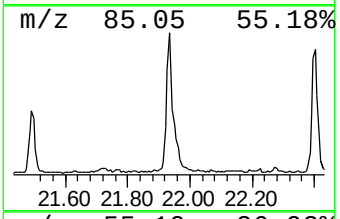


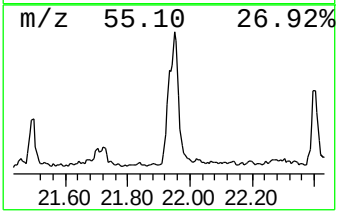












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

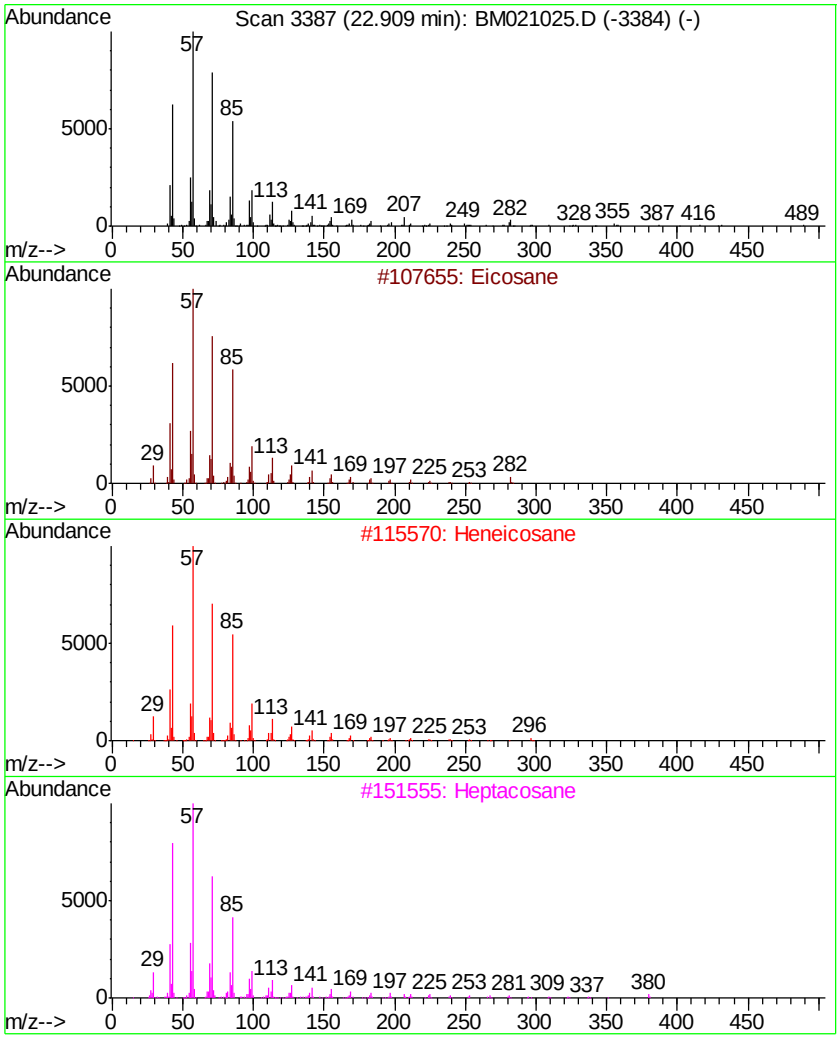
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

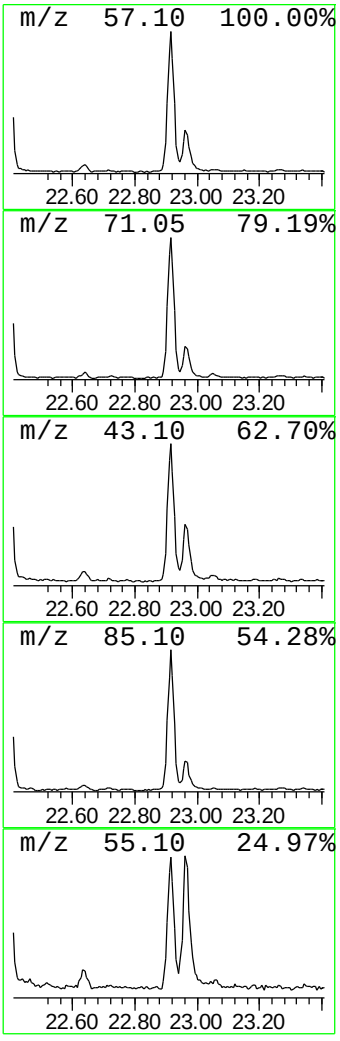
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	3.74 ng/ul	679423	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





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Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

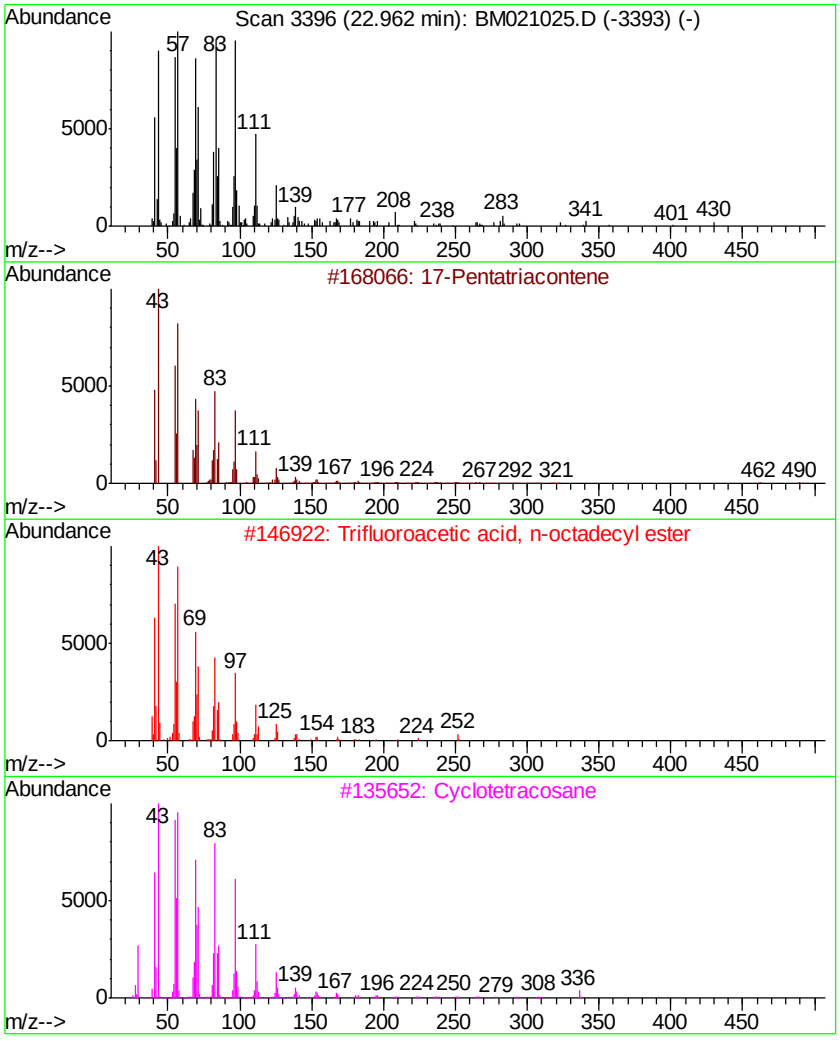
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

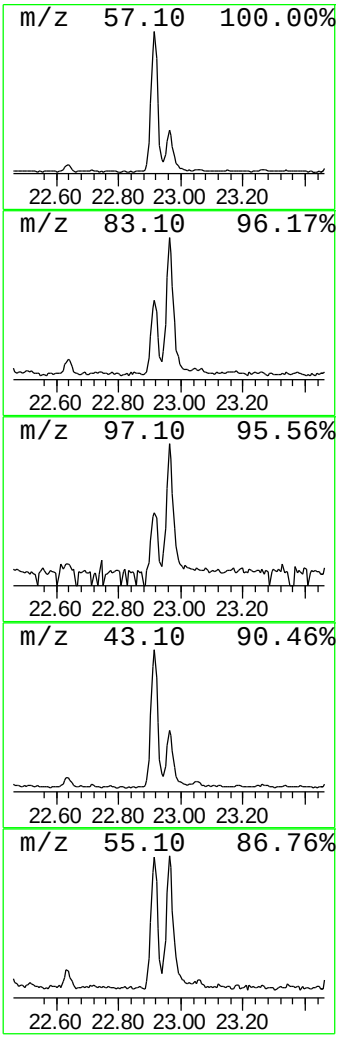
****

Peak Number 6 (DEL) Alkane: Cyclic22.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.63 ng/ul	476621	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
3	Cyclotetracosane	336	C24H48	000297-03-0	76
4	1-Tetracosanol	354	C24H50O	000506-51-4	74
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

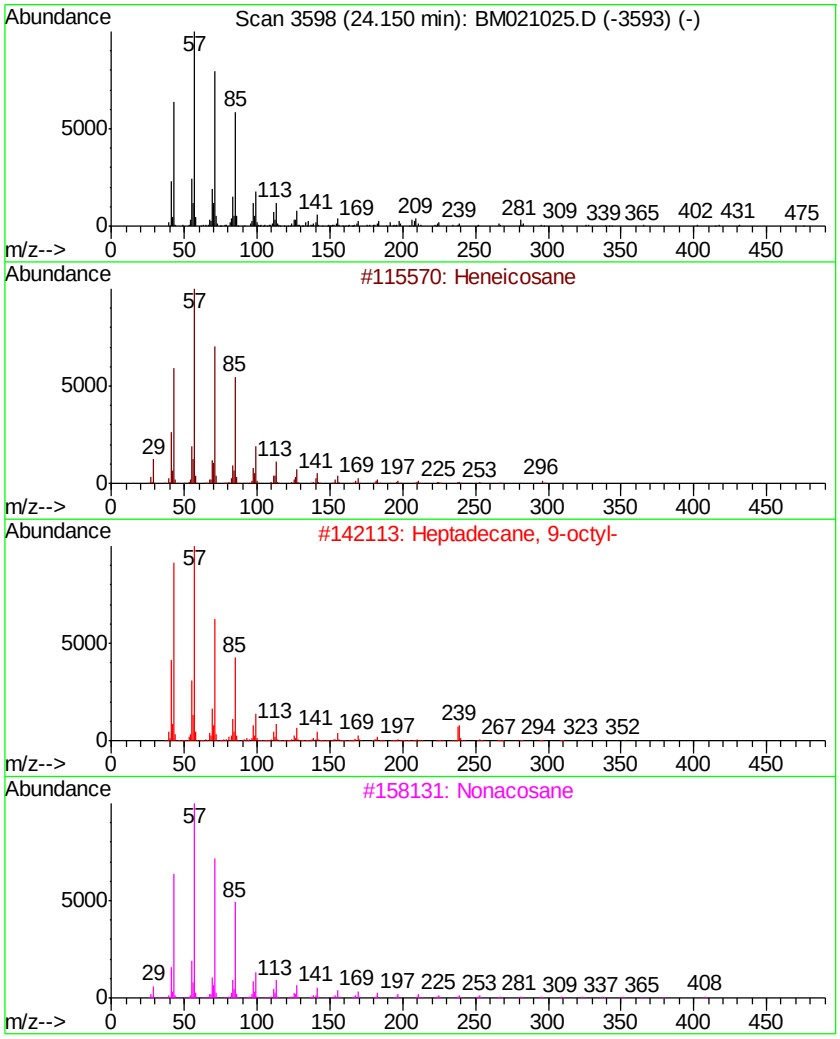
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

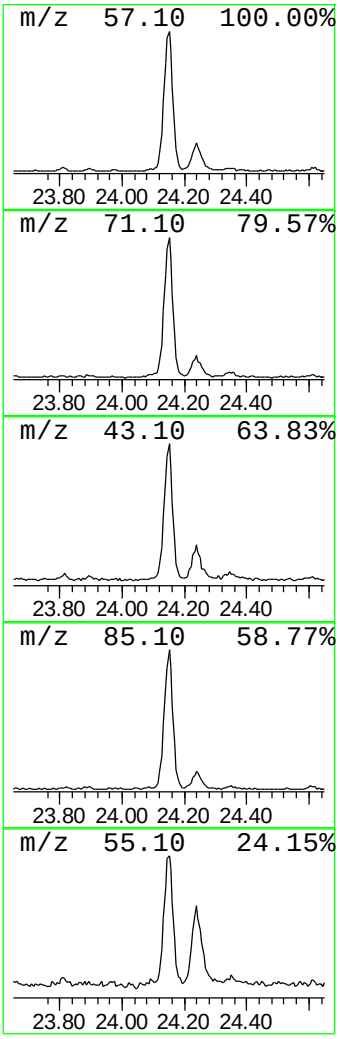
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	3.79 ng/ul	687074	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061819\
Data File : BM021025.D
Acq On : 18 Jun 2019 23:10
Operator : HP/JU
Sample : K3332-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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
Butane, 2-methoxy...	3.03	33.0	ng/ul	2224830	1	7.79	1346660	20.0
n-Hexadecanoic acid	18.06	2.5	ng/ul	515236	4	17.17	4044420	20.0
(DEL) Alkane: Cyc...	21.06	5.2	ng/ul	1032040	5	21.35	3978850	20.0
(DEL) Alkane: Str...	21.93	2.3	ng/ul	455347	5	21.35	3978850	20.0
(DEL) Alkane: Str...	22.91	3.7	ng/ul	679423	6	23.63	3629730	20.0
(DEL) Alkane: Cyc...	22.96	2.6	ng/ul	476621	6	23.63	3629730	20.0
(DEL) Alkane: Str...	24.15	3.8	ng/ul	687074	6	23.63	3629730	20.0