LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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	2.740	5	9	13	rBV4	4113	7539	0.51%	0.056%
2	2.787	13	17	19	rVV2	12639	14812	1.00%	0.109%
3	2.822	19	23	29	rVV	81774	101536	6.86%	0.749%
4	2.869	29	31	39	rVB3	6773	9456	0.64%	0.070%
5	3.087	64	68	73	rVB2	4596	4855	0.33%	0.036%
6	3.605	153	156	160	rBV	6701	7603	0.51%	0.056%
7	3.981	217	220	225	rVB	1110	1684	0.11%	0.012%
8	6.793	692	698	707	rBB	90257	139804	9.45%	1.031%
9	6.910	716	718	720	rBV	1840	1709	0.12%	0.013%
10	6.951	720	725	732	rVB	67370	102423	6.92%	0.756%
11	7.145	752	758	765	rBB	98532	147715	9.98%	1.090%
12	7.616	831	838	845	rBB	463656	717800	48.52%	5.295%
13	8.328	952	959	967	rBB	102809	158604	10.72%	1.170%
14	8.440	973	978	983	rBB	10103	14043	0.95%	0.104%
15	8.775	1028	1035	1041	rBB	81800	128235	8.67%	0.946%
16	9.492	1151	1157	1164	rBB	58040	89296	6.04%	0.659%
17	9.651	1180	1184	1187	rBB2	1444	1886	0.13%	0.014%
18	10.028	1243	1248	1256	rBB	115306	183105	12.38%	1.351%
19	10.404	1304	1312	1319	rBV	595672	966378	65.32%	7.128%
20	10.451	1319	1320	1327	rVB	4393	4508	0.30%	0.033%
21	10.545	1328	1336	1345	rBB	90638	157684	10.66%	1.163%
22	12.075	1591	1596	1599	rBV3	2176	2640	0.18%	0.019%
23	12.304	1631	1635	1638	rBB	1452	2056	0.14%	0.015%
24	12.616	1683	1688	1692	rVB3	2226	2845	0.19%	0.021%
25	12.869	1728	1731	1735	rBV2	4548	5020	0.34%	0.037%
26	13.686	1865	1870	1875	rBV	192306	259341	17.53%	1.913%
27	13.733	1875	1878	1885	rVB	75560	100100	6.77%	0.738%
28	13.969	1912	1918	1929	rVB	189110	267950	18.11%	1.976%
29	14.280	1964	1971	1978	rVV2	752585	1165130	78.75%	8.594%
30	14.339	1978	1981	1985	rVB	2913	3159	0.21%	0.023%
31	14.492	2002	2007	2018	rVB	55547	81859	5.53%	0.604%
32	14.680	2035	2039	2041	rVB	2135	2368	0.16%	0.017%
33	15.074	2104	2106	2108	rBV	1523	1664	0.11%	0.012%
34	15.127	2111	2115	2119	rVB	4577	5706	0.39%	0.042%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Title : SVOA CALIBRATION

35	15.274	2134	2140	2146	rBV	237884	318135	21.50%	2.347%
36	15.327	2146	2149	2155	rVB	3001	4083	0.28%	0.030%
37	15.404	2160	2162	2165	rBV	2012	1496	0.10%	0.011%
38	15.533	2179	2184	2189	rBV2	4698	8123	0.55%	0.060%
39	15.992	2258	2262	2263	rBV3	3543	4857	0.33%	0.036%
40	16.015	2263	2266	2270	rVB2	9103	12300	0.83%	0.091%
41	16.057	2270	2273	2277	rVB2	1111	1817	0.12%	0.013%
42	16.233	2299	2303	2306	rBV	1906	2706	0.18%	0.020%
43	16.327	2317	2319	2320	rBV	1951	1525	0.10%	0.011%
44	16.368	2323	2326	2331	rVV5	3182	4964	0.34%	0.037%
45	16.410	2331	2333	2336	rVB2	1823	2100	0.14%	0.015%
46	16.439	2336	2338	2342	rVB3	1517	1979	0.13%	0.015%
47	16.492	2344	2347	2350	rBV4	1518	1522	0.10%	0.011%
48	16.580	2357	2362	2363	rBV3	2042	2278	0.15%	0.017%
49	16.786	2393	2397	2400	rBV2	5466	7423	0.50%	0.055%
50	16.815	2400	2402	2404	rVV	5658	6958	0.47%	0.051%
51	16.833	2404	2405	2409	rVB3	6352	5968	0.40%	0.044%
52	16.921	2418	2420	2422	rBV3	1705	1653	0.11%	0.012%
53	16.974	2427	2429	2432	rVB2	1807	1732	0.12%	0.013%
54	17.027	2432	2438	2443	rBV2	921679	1276197	86.26%	9.414%
55	17.068	2443	2445	2449	rVV	18182	20200	1.37%	0.149%
56	17.127	2449	2455	2463	rVV	237671	340847	23.04%	2.514%
57	17.210	2467	2469	2472	rBV4	1635	2057	0.14%	0.015%
58	17.315	2480	2487	2488	rBV5	3293	5547	0.37%	0.041%
59	17.433	2505	2507	2513	rVB5	3787	6037	0.41%	0.045%
60	17.521	2519	2522	2527	rVB3	7932	10699	0.72%	0.079%
61	17.686	2548	2550	2551	rBV	2523	1960	0.13%	0.014%
62	17.921	2586	2590	2594	rBV4	13959	17256	1.17%	0.127%
63	17.986	2599	2601	2603	rBV3	5060	5584	0.38%	0.041%
64	18.039	2608	2610	2612	rVB3	4005	2622	0.18%	0.019%
65	18.215	2636	2640	2644	rBV	29216	33672	2.28%	0.248%
66	18.268	2646	2649	2652	rBV4	6360	7793	0.53%	0.057%
67	18.404	2671	2672	2676	rVB4	3220	3624	0.24%	0.027%
68	18.445	2676	2679	2684	rBV6	6387	12602	0.85%	0.093%
69	18.498	2684	2688	2691	rVB5	4911	8834	0.60%	0.065%
70	18.780	2732	2736	2739	rBV6	6512	10421	0.70%	0.077%
71	18.851	2744	2748	2754	rVV	101754	129154	8.73%	0.953%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Title : SVOA CALIBRATION

72	19.092	2785	2789	2794	rBV	28151	38472	2.60%	0.284%
73	19.145	2794	2798	2802	rBV2	35061	43975	2.97%	0.324%
74	19.433	2841	2847	2854	rBV2	465648	695362	47.00%	5.129%
75	19.974	2935	2939	2944	rVB	361083	386830	26.15%	2.853%
76	20.468	3019	3023	3029	rBV	347090	407611	27.55%	3.007%
77	20.933	3098	3102	3110	rBV	367295	441826	29.86%	3.259%
78	21.227	3147	3152	3156	rBV	1184982	1472386	99.52%	10.861%
79	21.374	3173	3177	3182	rBV	296878	332649	22.48%	2.454%
80	21.797	3246	3249	3254	rVB	226446	251790	17.02%	1.857%
81	22.250	3323	3326	3333	rVB	192317	254433	17.20%	1.877%
82	22.744	3408	3410	3415	rVB	126257	164304	11.11%	1.212%
83	23.297	3499	3504	3510	rVB2	249137	440590	29.78%	3.250%
84	23.439	3522	3528	3535	rVB	810390	1479487	100.00%	10.913%

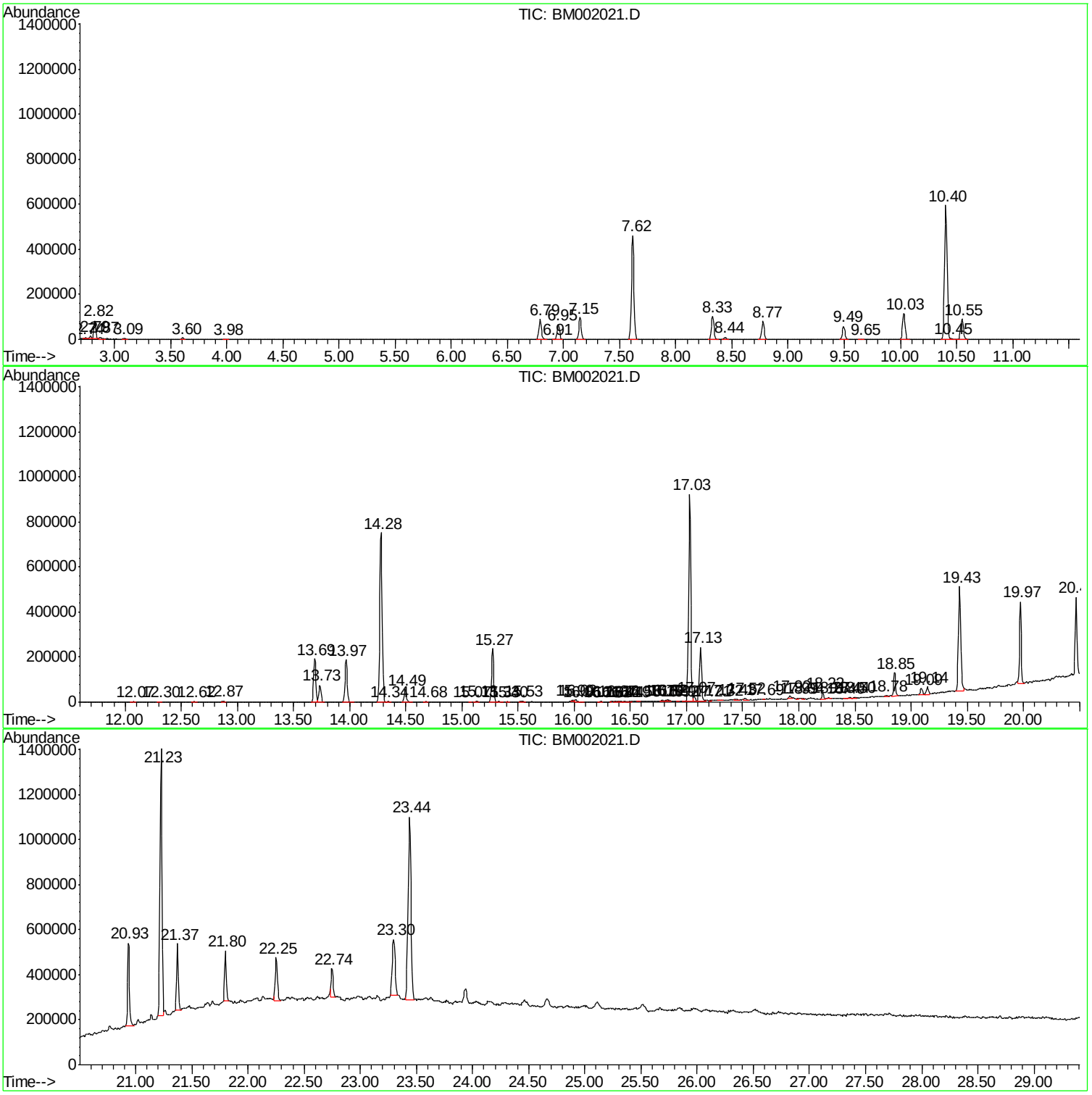
Sum of corrected areas: 13556953

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

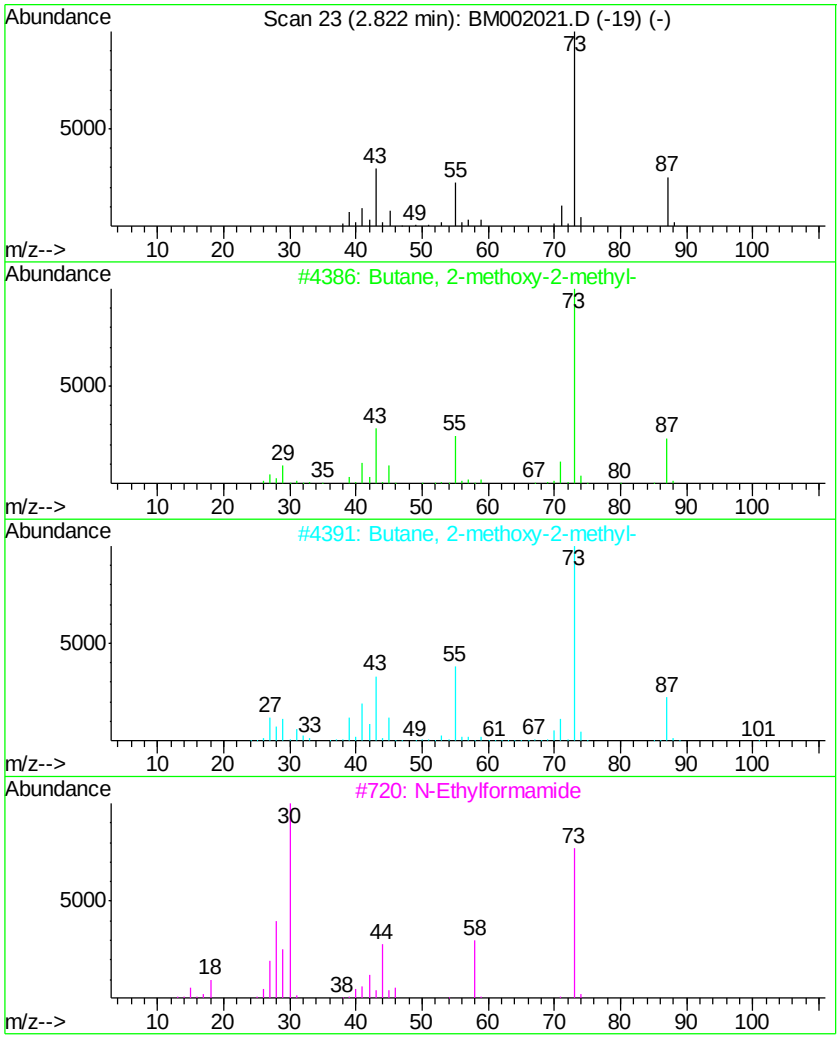
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

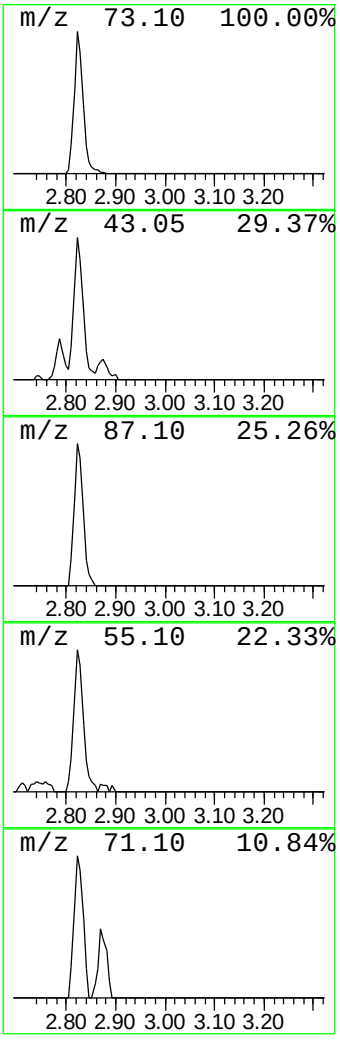
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	2.83 ng/ul	101536	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

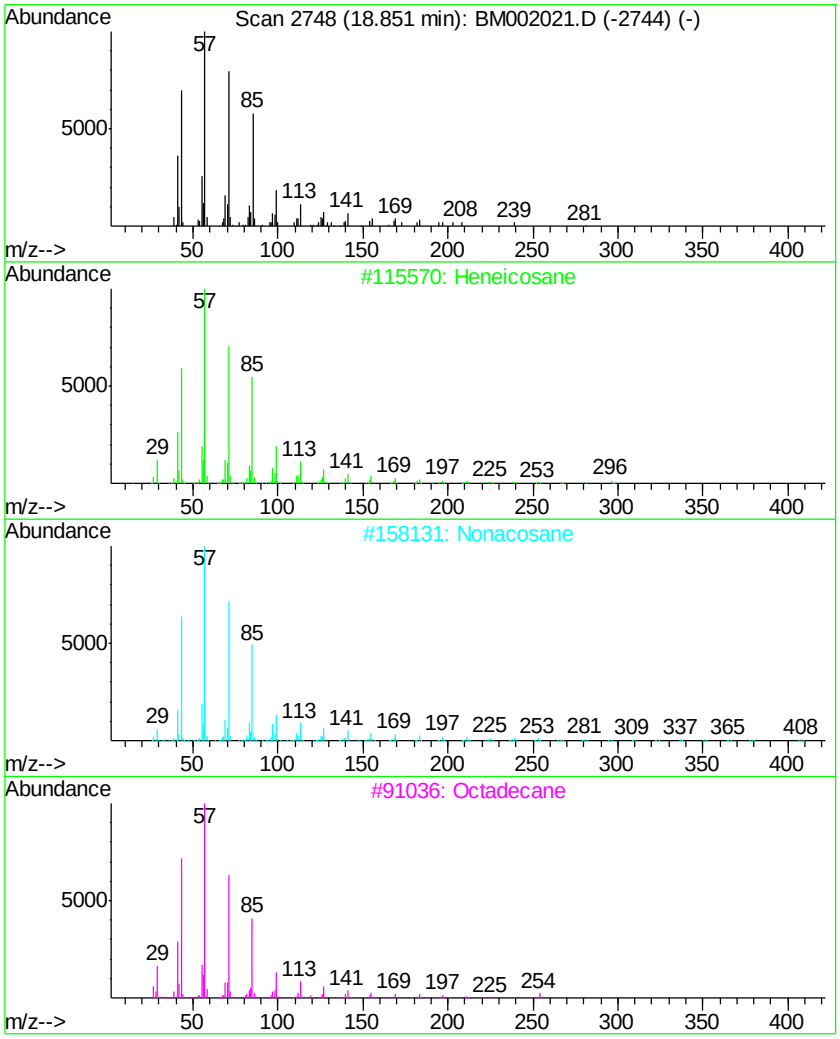
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

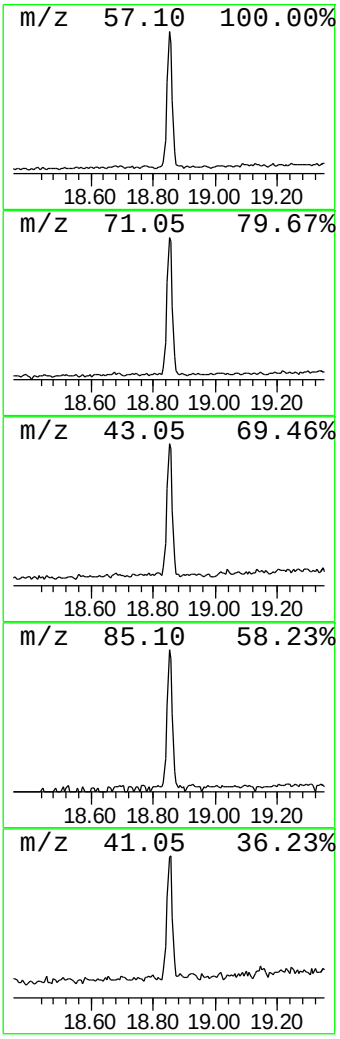
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.02 ng/ul	129154	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonacosane	408	C29H60	000630-03-5	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

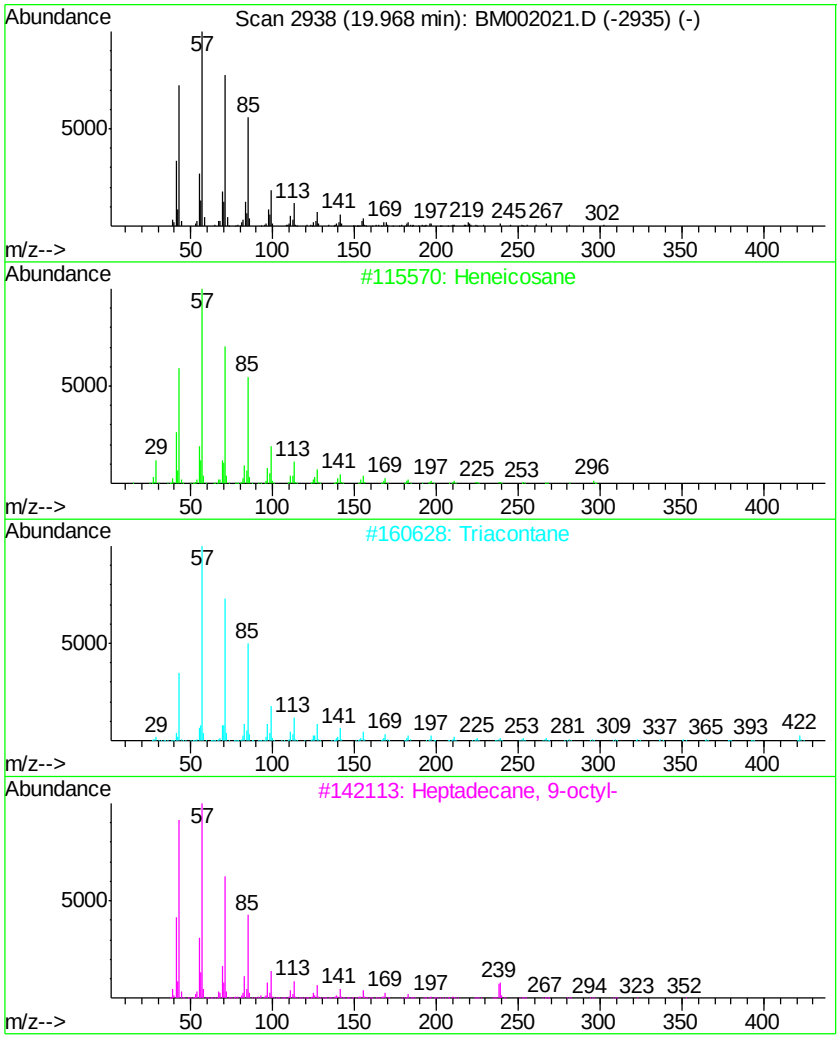
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

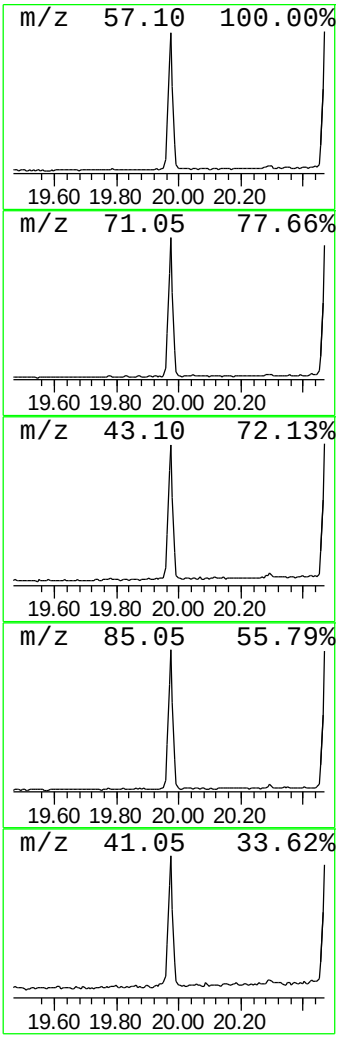
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	5.25 ng/ul	386830	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

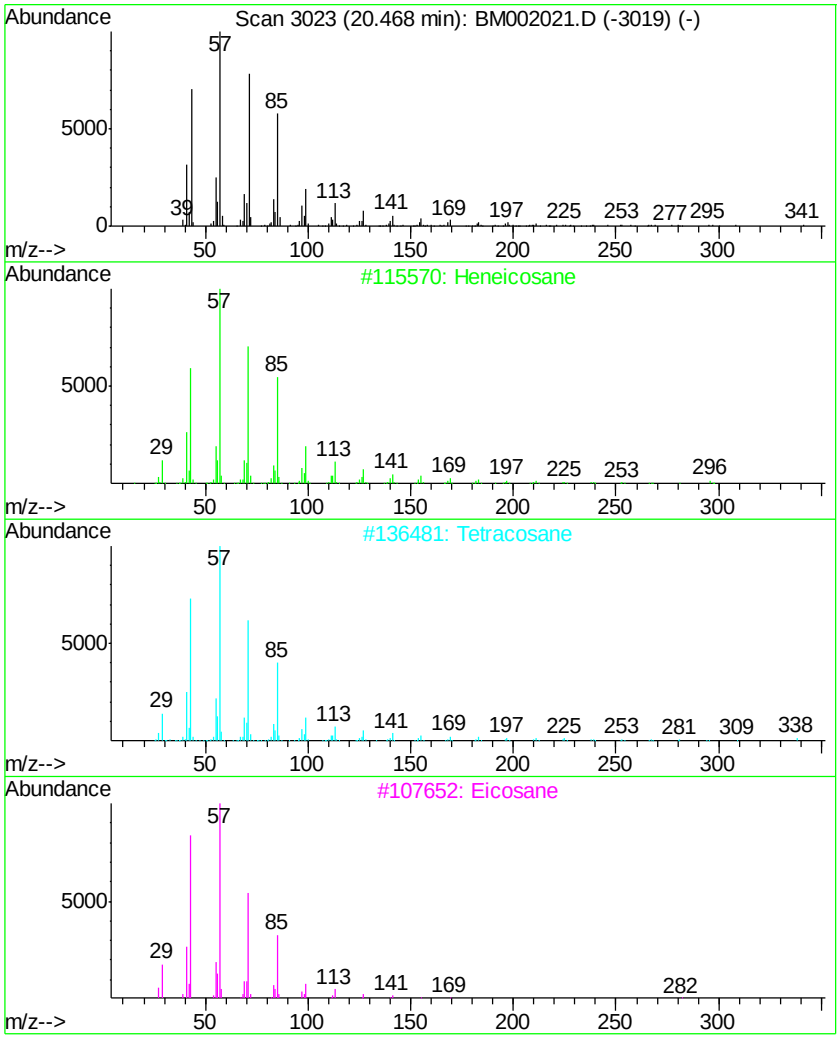
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

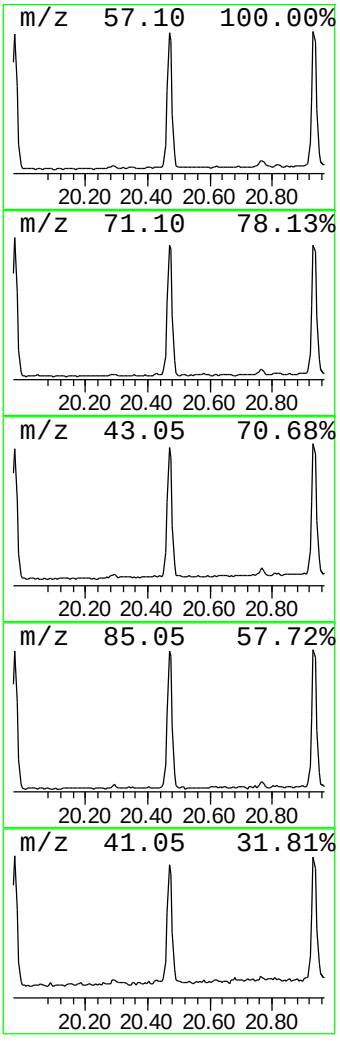
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	5.54 ng/ul	407611	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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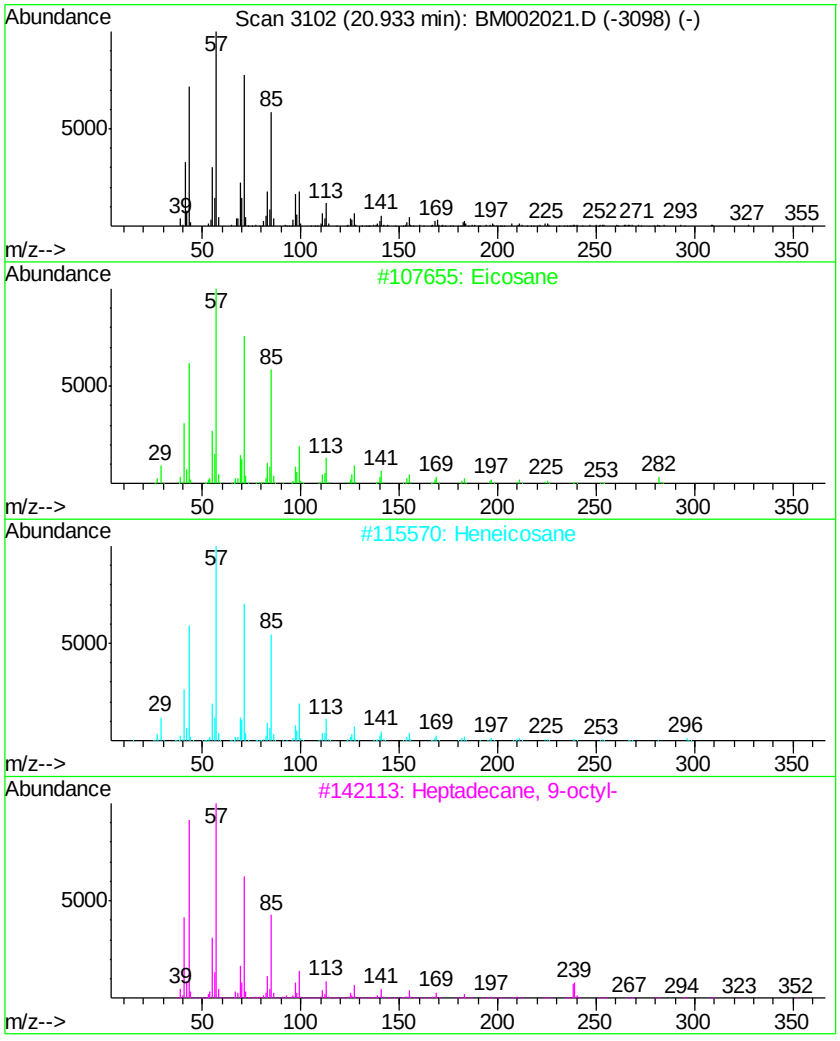
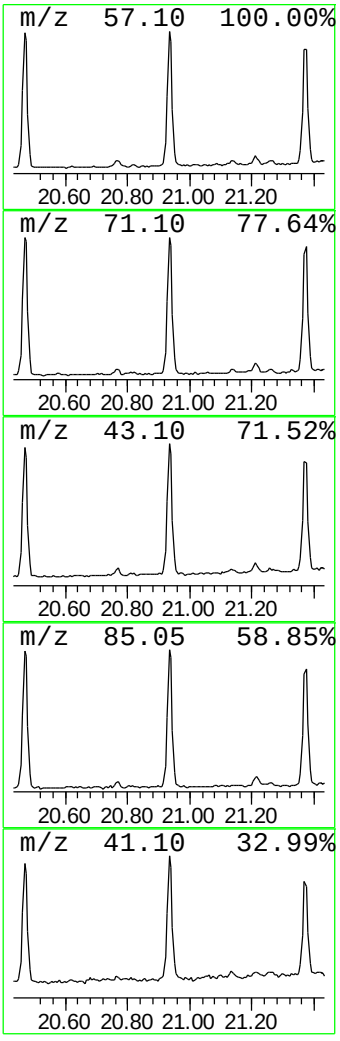
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	6.00 ng/ul	441826	Chrysene-d12	21.23

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	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

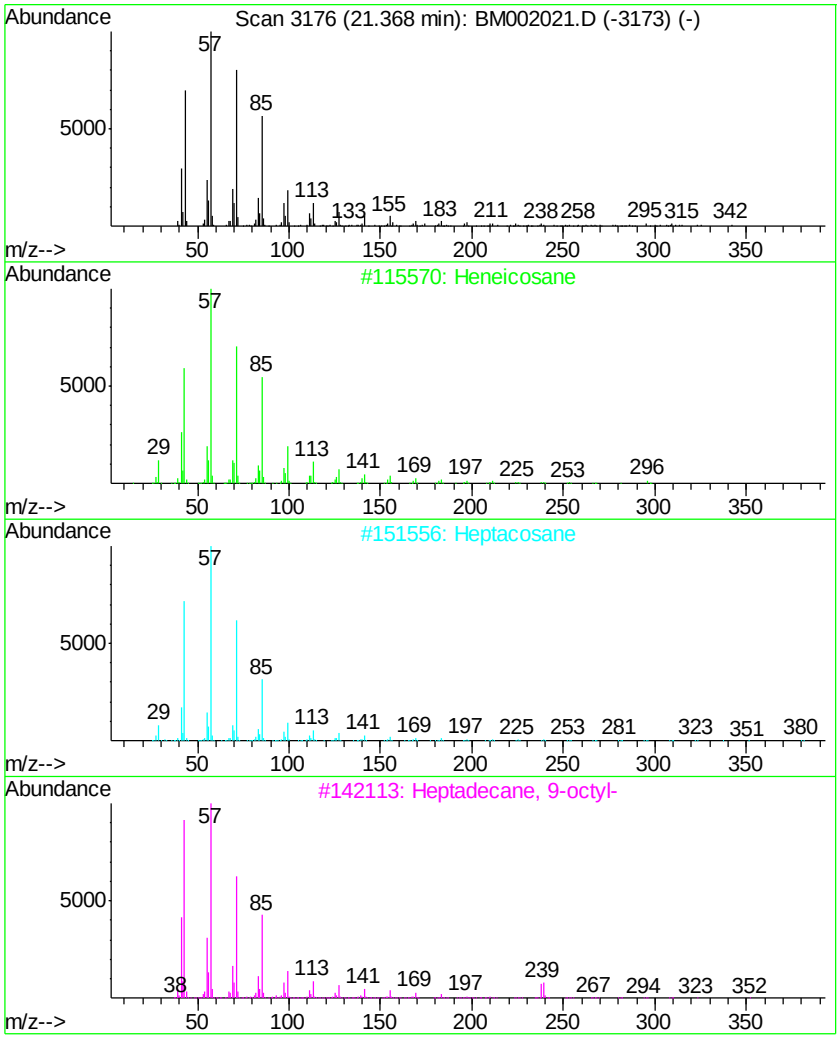
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

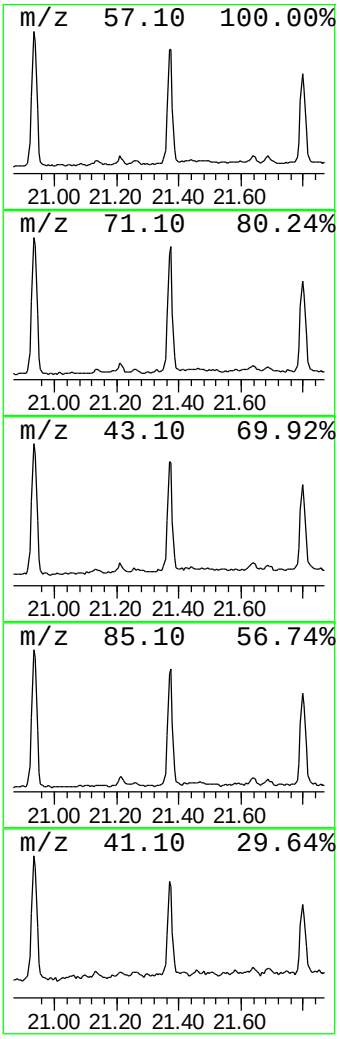
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.52 ng/ul	332649	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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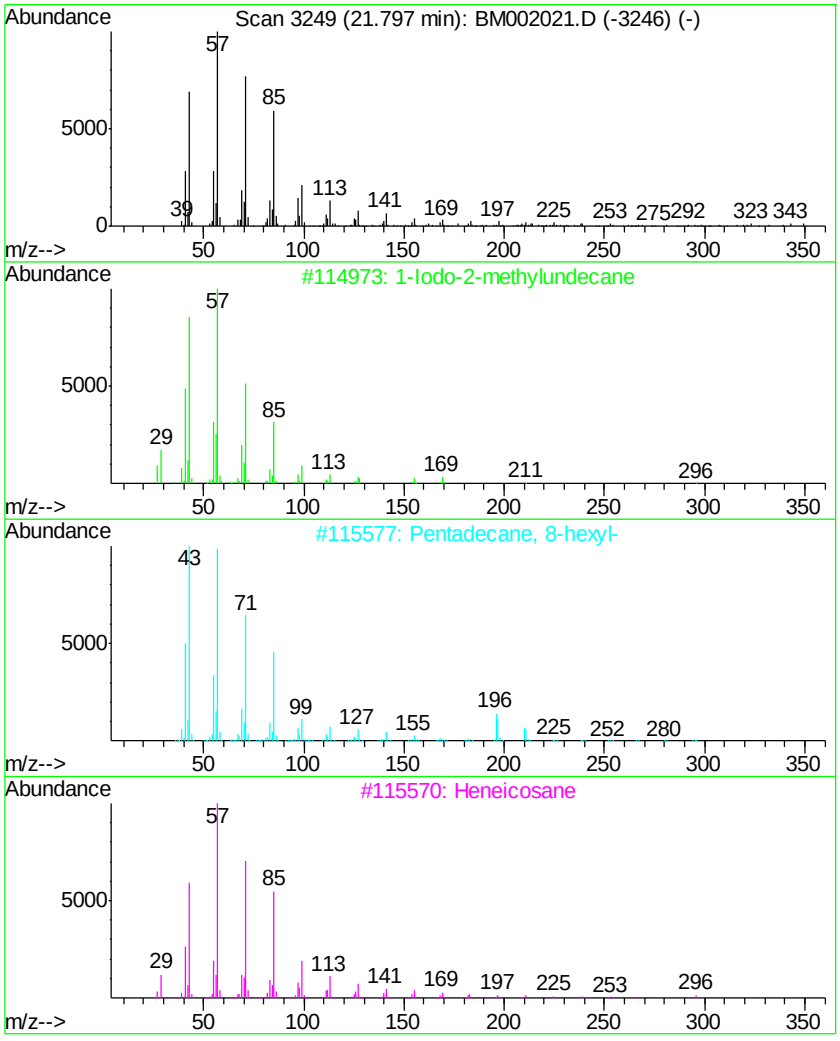
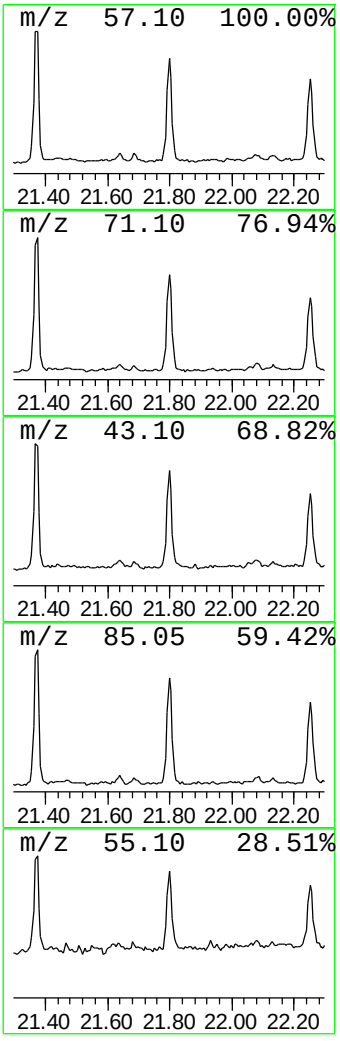
Peak Number 7 1-Iodo-2-methylundecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	3.42 ng/ul	251790	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Nonacosane	408	C29H60	000630-03-5	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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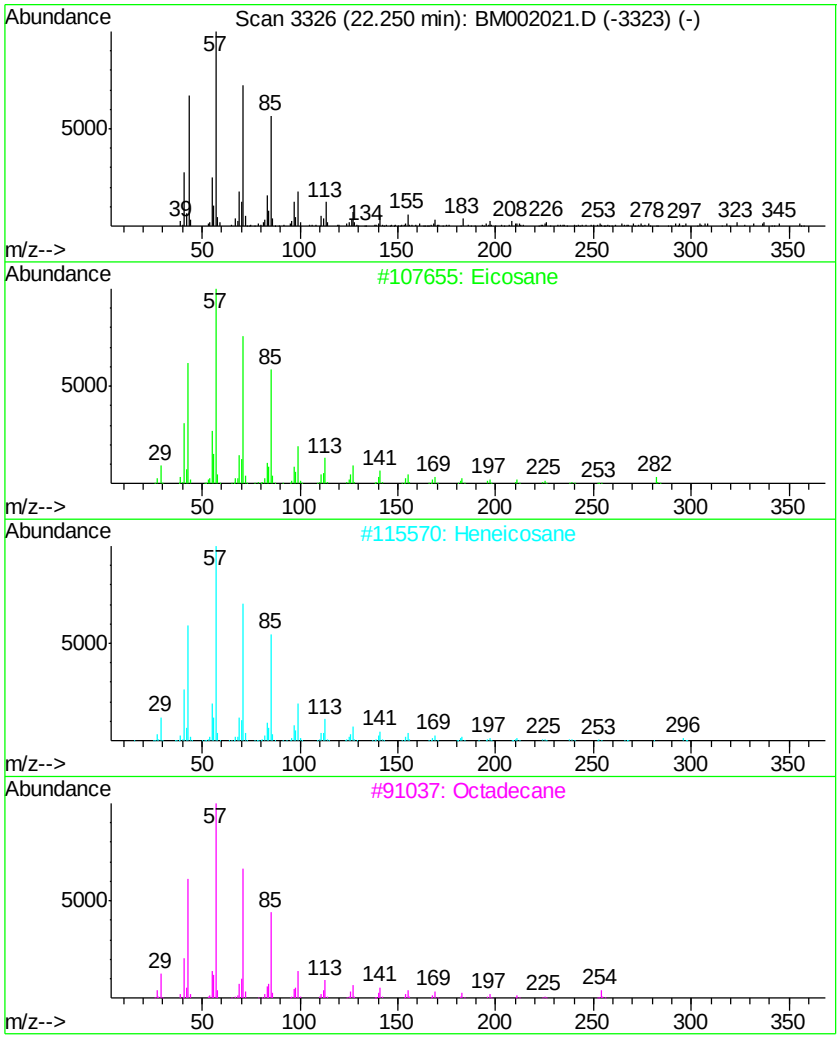
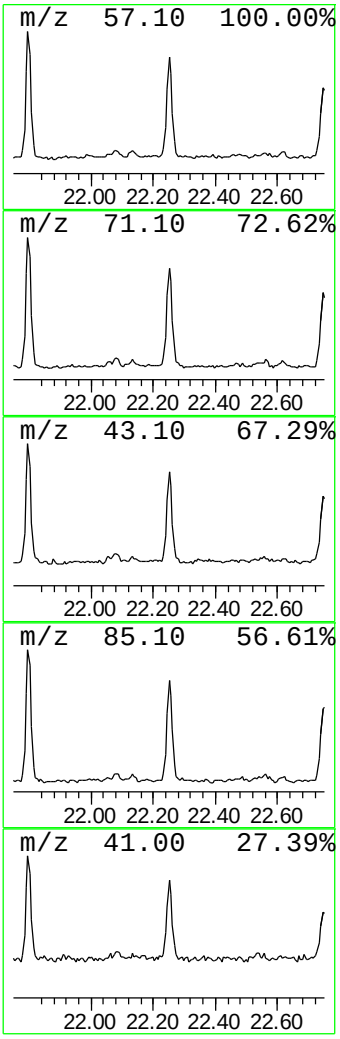
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	3.46 ng/ul	254433	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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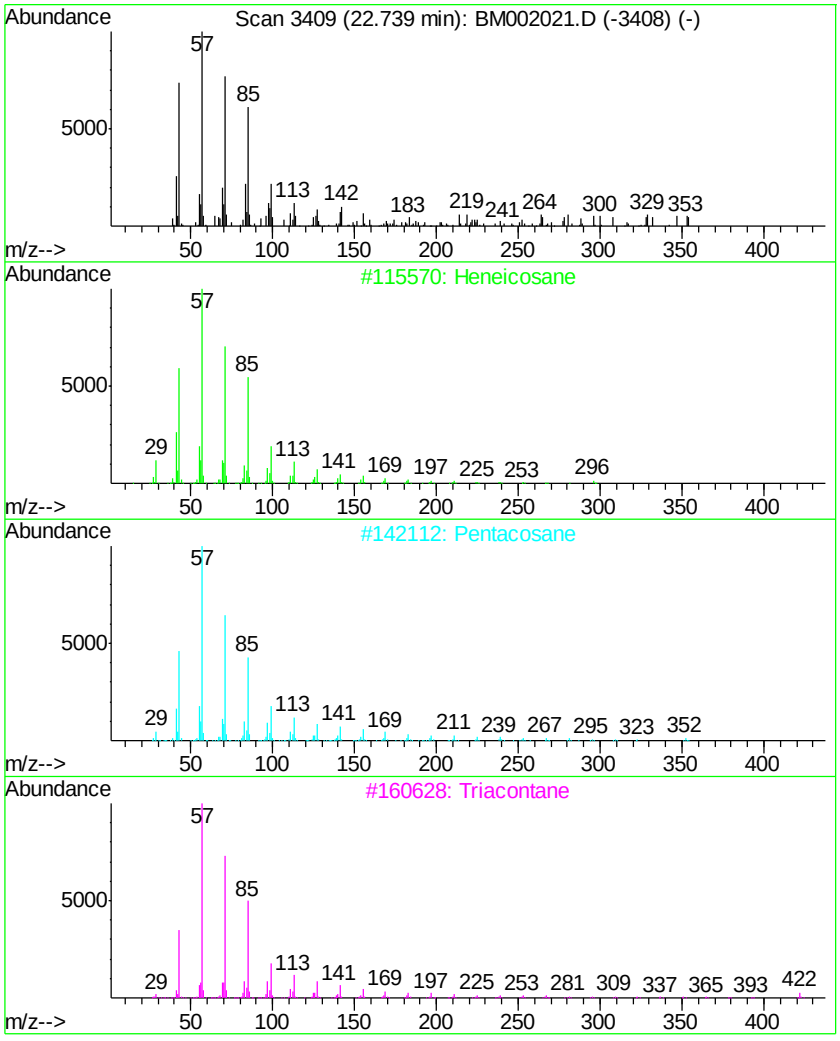
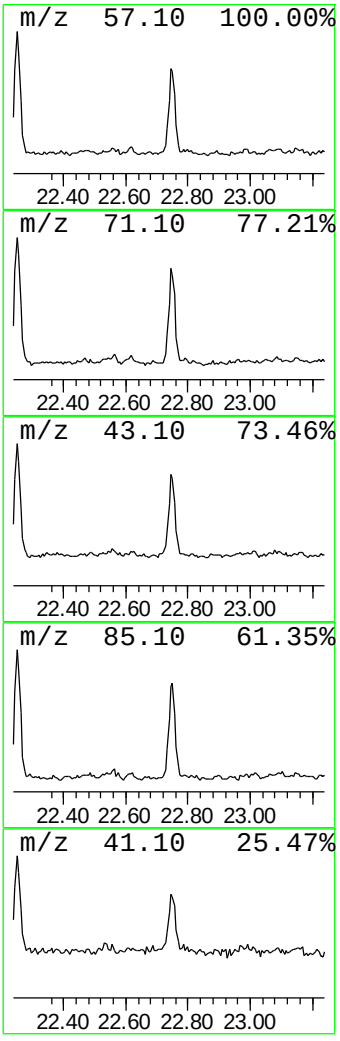
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.22 ng/ul	164304	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Pentacosane	352	C25H52	000629-99-2	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	87
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002021.D
Acq On : 23 Jul 2015 17:59
Operator : TP/UM
Sample : G3000-13RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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...	2.82	2.8	ng/ul	101536	1	7.62	717800	20.0
(DEL) Alkane: Str...	18.85	2.0	ng/ul	129154	4	17.03	1276200	20.0
(DEL) Alkane: Str...	19.97	5.3	ng/ul	386830	5	21.23	1472390	20.0
(DEL) Alkane: Str...	20.47	5.5	ng/ul	407611	5	21.23	1472390	20.0
(DEL) Alkane: Str...	20.93	6.0	ng/ul	441826	5	21.23	1472390	20.0
(DEL) Alkane: Str...	21.37	4.5	ng/ul	332649	5	21.23	1472390	20.0
1-Iodo-2-methylun...	21.80	3.4	ng/ul	251790	5	21.23	1472390	20.0
(DEL) Alkane: Str...	22.25	3.5	ng/ul	254433	5	21.23	1472390	20.0
(DEL) Alkane: Str...	22.74	2.2	ng/ul	164304	6	23.44	1479490	20.0