LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

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_G\METHODS\SOM02.2-EPA-BG101515.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	3.078	38	41	49	rVB4	17917	27635	5.83%	0.504%
2	3.154	50	54	60	rVB	29389	39633	8.36%	0.723%
3	4.458	274	276	279	rBV3	760	652	0.14%	0.012%
4	5.193	400	401	405	rBV3	537	798	0.17%	0.015%
5	5.451	442	445	446	rBV2	665	743	0.16%	0.014%
6	5.639	476	477	481	rVB3	780	777	0.16%	0.014%
7	5.675	481	483	487	rBV2	470	693	0.15%	0.013%
8	5.968	531	533	536	rVB	767	776	0.16%	0.014%
9	6.544	627	631	633	rBV3	652	1072	0.23%	0.020%
10	6.597	638	640	643	rBV2	734	873	0.18%	0.016%
11	6.985	703	706	707	rBV2	549	664	0.14%	0.012%
12	7.161	730	736	745	rBV	47749	79721	16.82%	1.455%
13	7.308	756	761	771	rVB	31509	51309	10.83%	0.936%
14	7.520	790	797	804	rBV	46265	75559	15.94%	1.379%
15	7.655	817	820	824	rBV3	693	1101	0.23%	0.020%
16	7.984	870	876	883	rVB	58825	94874	20.02%	1.731%
17	8.700	992	998	1006	rBV	60357	103808	21.90%	1.894%
18	9.147	1067	1074	1085	rVB	50206	84899	17.91%	1.549%
19	9.276	1094	1096	1099	rBV	866	636	0.13%	0.012%
20	9.558	1142	1144	1147	rBV	855	879	0.19%	0.016%
21	9.870	1190	1197	1205	rVB2	44751	76552	16.15%	1.397%
22	10.422	1284	1291	1298	rBV	70475	118773	25.06%	2.167%
23	10.575	1314	1317	1319	rBV2	501	627	0.13%	0.011%
24	10.792	1347	1354	1362	rBV	97913	166209	35.07%	3.033%
25	10.927	1370	1377	1385	rBV	50075	88334	18.64%	1.612%
26	11.538	1479	1481	1486	rBV	516	702	0.15%	0.013%
27	12.167	1586	1588	1591	rVB2	928	1055	0.22%	0.019%
28	12.373	1619	1623	1628	rVB3	1102	1706	0.36%	0.031%
29	12.978	1723	1726	1731	rVB4	2436	3287	0.69%	0.060%
30	13.019	1731	1733	1737	rBV2	508	819	0.17%	0.015%
31	13.225	1763	1768	1773	rVB4	3117	4232	0.89%	0.077%
32	13.383	1792	1795	1799	rVB	1422	1159	0.24%	0.021%
33	13.889	1878	1881	1884	rBV2	535	882	0.19%	0.016%
34	14.024	1898	1904	1908	rBV	152186	207255	43.73%	3.782%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

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_G\METHODS\SOM02.2-EPA-BG101515.M
Title : SVOA CALIBRATION

35	14.071	1908	1912	1920	rVB	33789	47693	10.06%	0.870%
36	14.141	1920	1924	1926	rBV2	494	723	0.15%	0.013%
37	14.312	1947	1953	1960	rBV	147980	237137	50.03%	4.327%
38	14.511	1984	1987	1989	rVB2	1412	1533	0.32%	0.028%
39	14.617	1998	2005	2015	rBV2	172295	278794	58.82%	5.087%
40	14.840	2035	2043	2053	rBV	66729	108873	22.97%	1.987%
41	14.975	2063	2066	2070	rVB3	1006	1441	0.30%	0.026%
42	15.028	2070	2075	2079	rBV4	2179	3633	0.77%	0.066%
43	15.122	2089	2091	2094	rVB2	1104	1155	0.24%	0.021%
44	15.275	2116	2117	2122	rVB	674	952	0.20%	0.017%
45	15.334	2124	2127	2130	rBV	485	744	0.16%	0.014%
46	15.410	2136	2140	2144	rBV	2341	3389	0.72%	0.062%
47	15.457	2144	2148	2154	rVB2	5946	7991	1.69%	0.146%
48	15.610	2168	2174	2181	rBV	218172	323273	68.21%	5.899%
49	15.733	2189	2195	2203	rBV	72318	107658	22.71%	1.964%
50	15.851	2210	2215	2223	rBV5	2618	6250	1.32%	0.114%
51	15.904	2223	2224	2227	rVB2	1070	673	0.14%	0.012%
52	16.086	2251	2255	2257	rBV4	1335	1360	0.29%	0.025%
53	16.156	2266	2267	2271	rBV2	725	1063	0.22%	0.019%
54	16.192	2271	2273	2275	rVB2	875	717	0.15%	0.013%
55	16.321	2291	2295	2304	rBV2	9885	18495	3.90%	0.337%
56	16.444	2314	2316	2318	rBV2	686	667	0.14%	0.012%
57	16.462	2318	2319	2322	rVV2	1226	1208	0.25%	0.022%
58	16.497	2322	2325	2330	rVB3	4566	5960	1.26%	0.109%
59	16.538	2330	2332	2333	rBV	739	648	0.14%	0.012%
60	16.562	2334	2336	2337	rVB2	1186	739	0.16%	0.013%
61	16.668	2350	2354	2357	rBV2	1087	1483	0.31%	0.027%
62	16.697	2357	2359	2362	rVV2	739	746	0.16%	0.014%
63	16.762	2366	2370	2377	rVB5	5926	8742	1.84%	0.160%
64	16.826	2378	2381	2384	rVB3	1042	1155	0.24%	0.021%
65	16.879	2389	2390	2392	rBV2	919	682	0.14%	0.012%
66	16.909	2394	2395	2397	rBV2	1278	838	0.18%	0.015%
67	17.114	2425	2430	2434	rBV2	10484	13117	2.77%	0.239%
68	17.167	2434	2439	2443	rVB4	4354	8667	1.83%	0.158%
69	17.196	2443	2444	2447	rBV3	1595	1408	0.30%	0.026%
70	17.261	2451	2455	2456	rBV3	1690	2039	0.43%	0.037%
71	17.367	2467	2473	2478	rBV2	241775	360573	76.08%	6.579%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

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_G\METHODS\SOM02.2-EPA-BG101515.M
Title : SVOA CALIBRATION

72	17.408	2478	2480	2483	rVV2	5967	6229	1.31%	0.114%
73	17.467	2483	2490	2496	rVB	232957	356024	75.12%	6.496%
74	17.584	2509	2510	2514	rVB4	1681	1413	0.30%	0.026%
75	17.755	2537	2539	2540	rBV2	1224	825	0.17%	0.015%
76	17.766	2540	2541	2550	rVB6	3024	3426	0.72%	0.063%
77	17.849	2552	2555	2559	rVV	6242	6808	1.44%	0.124%
78	18.136	2601	2604	2609	rVB5	4227	5377	1.13%	0.098%
79	18.195	2609	2614	2620	rBV	83382	116107	24.50%	2.119%
80	18.254	2620	2624	2634	rVB	137542	198083	41.79%	3.614%
81	18.542	2671	2673	2678	rVV5	4868	5927	1.25%	0.108%
82	18.601	2681	2683	2685	rBV3	1780	1086	0.23%	0.020%
83	18.671	2694	2695	2699	rVB4	3232	2721	0.57%	0.050%
84	18.777	2710	2713	2718	rBV4	6169	9130	1.93%	0.167%
85	19.411	2813	2821	2828	rBV	48301	97437	20.56%	1.778%
86	19.523	2836	2840	2851	rVB2	41525	62287	13.14%	1.137%
87	19.670	2861	2865	2868	rVB	30345	37477	7.91%	0.684%
88	19.752	2873	2879	2888	rBV2	309403	473956	100.00%	8.648%
89	20.710	3039	3042	3047	rVB4	24435	27848	5.88%	0.508%
90	21.274	3134	3138	3148	rVB	122965	189935	40.07%	3.466%
91	21.632	3193	3199	3204	rBV	265873	454982	96.00%	8.302%
92	22.420	3329	3333	3345	rVB	92309	180899	38.17%	3.301%
93	24.829	3736	3743	3752	rVB2	160588	441375	93.13%	8.054%

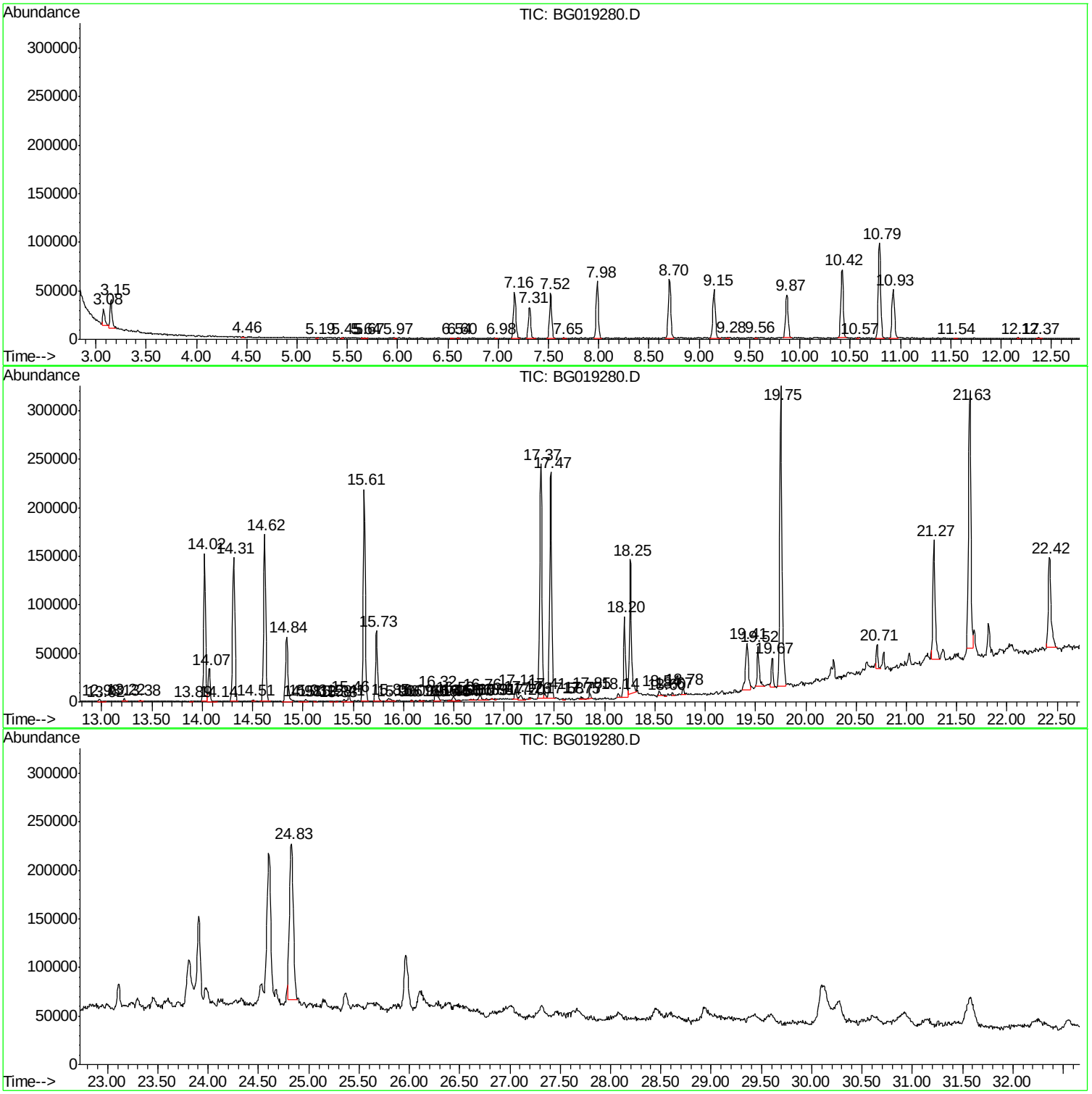
Sum of corrected areas: 5480265

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

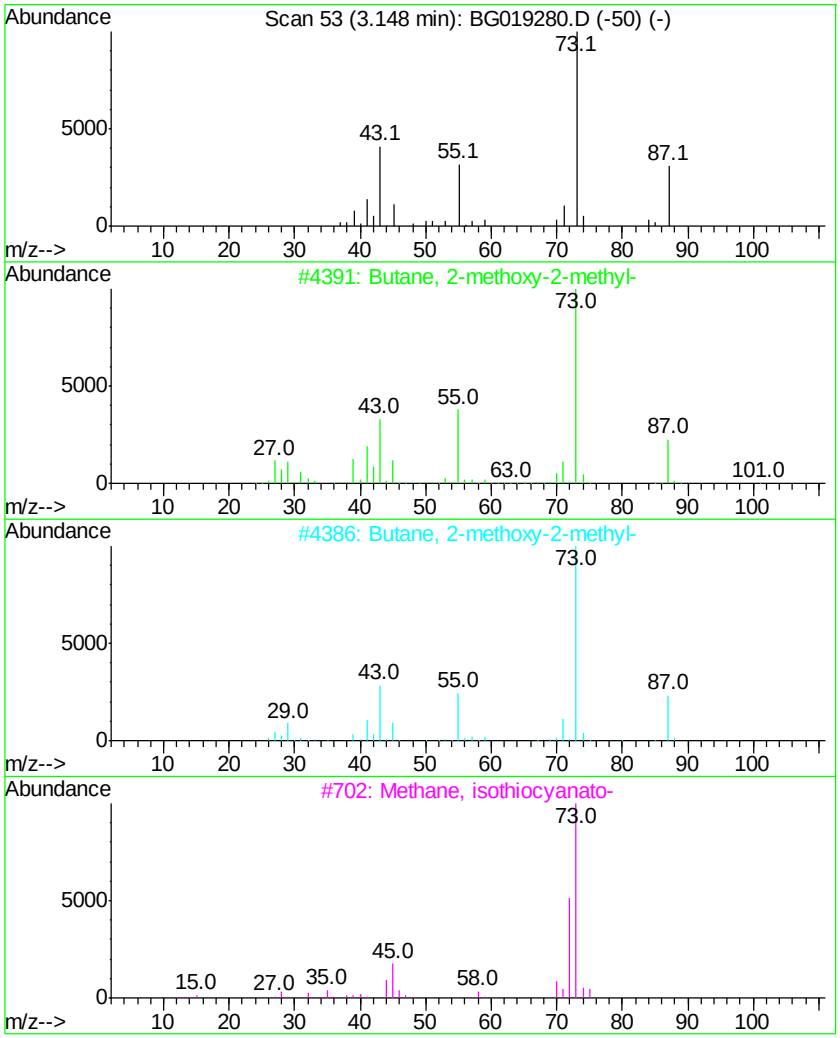
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

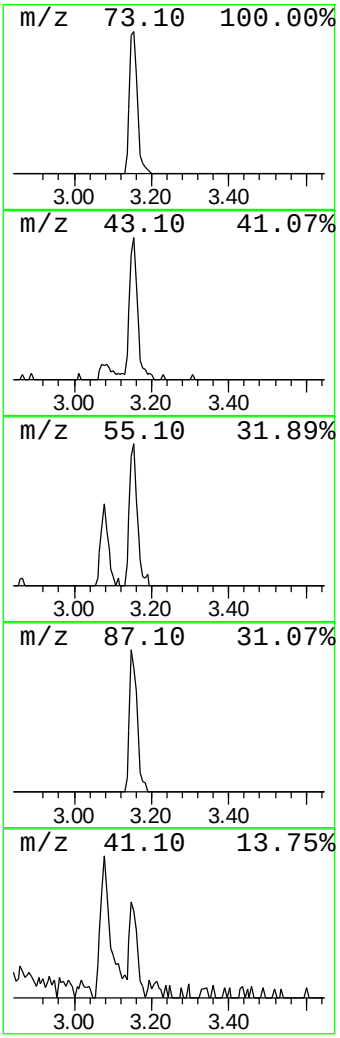
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	8.35 ng/ul	39633	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	25
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

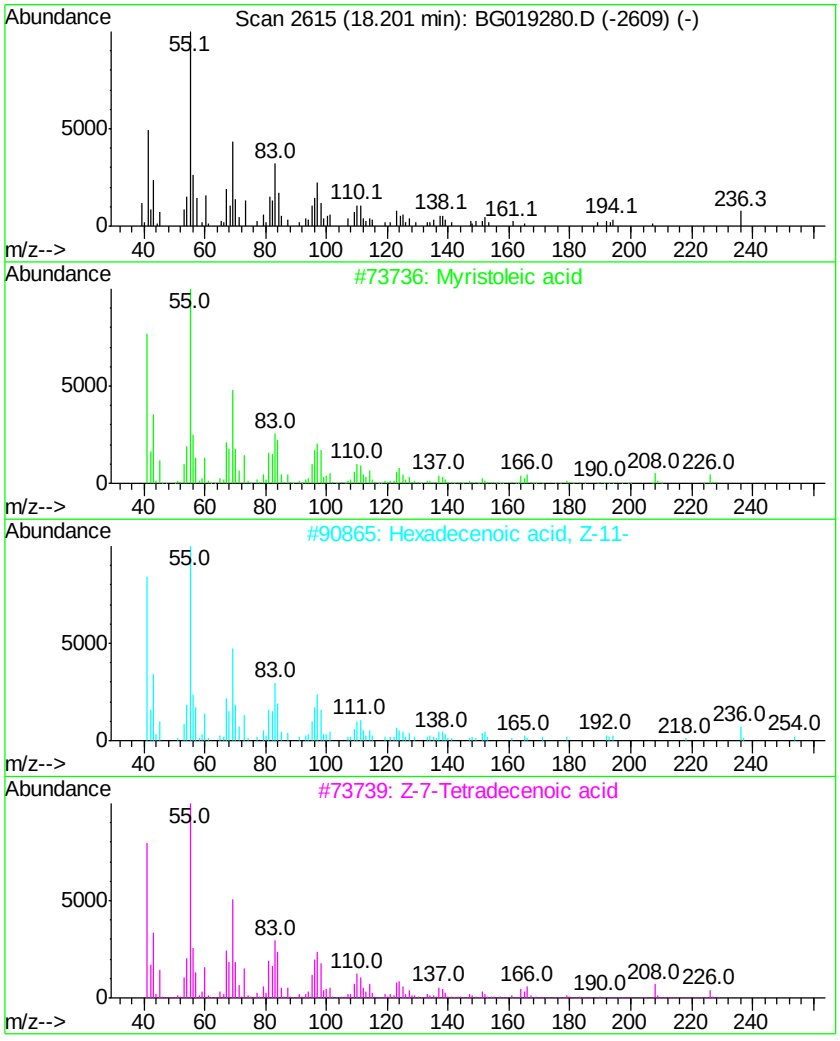
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

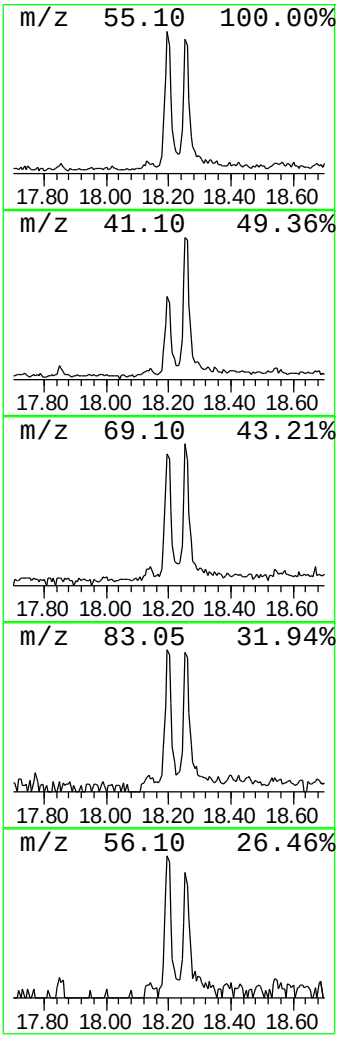
****

Peak Number 3 Myristoleic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	6.44 ng/ul	116107	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristoleic acid	226	C14H26O2	000544-64-9	91
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
3	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	91
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
5	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
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Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

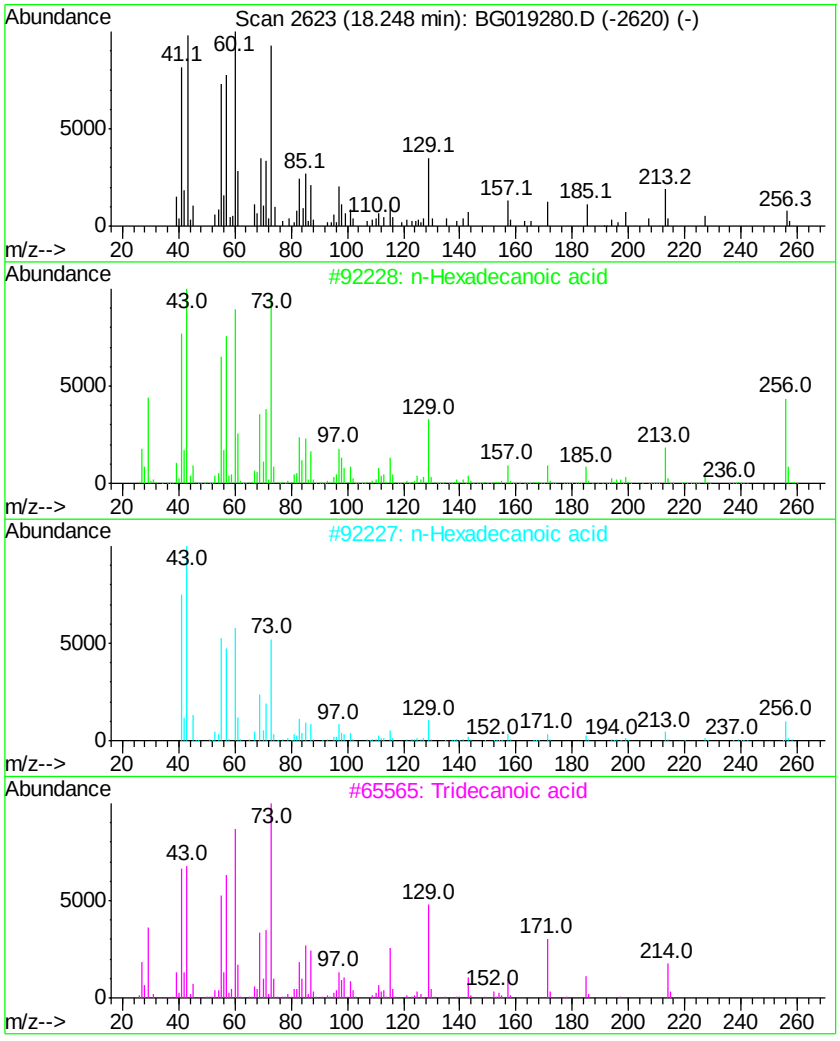
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

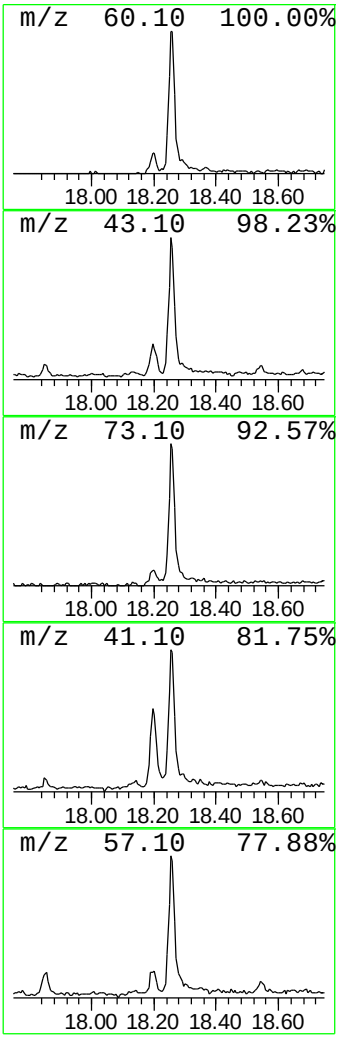
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	10.99 ng/ul	198083	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

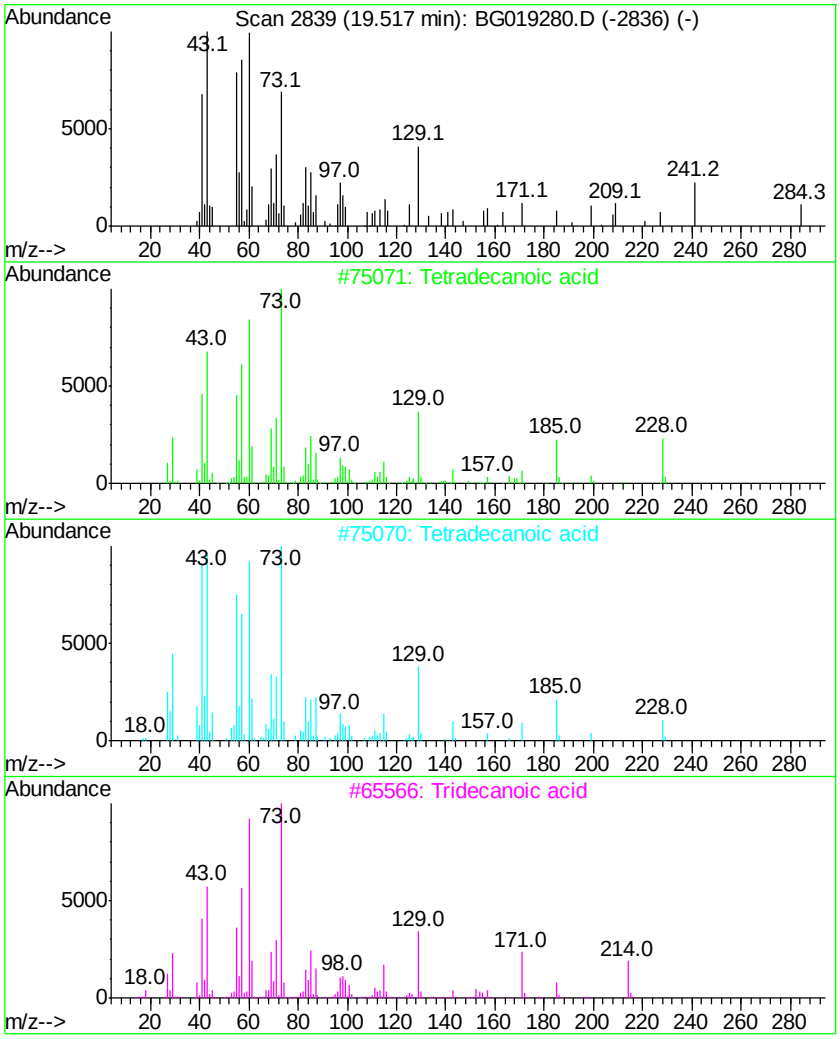
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

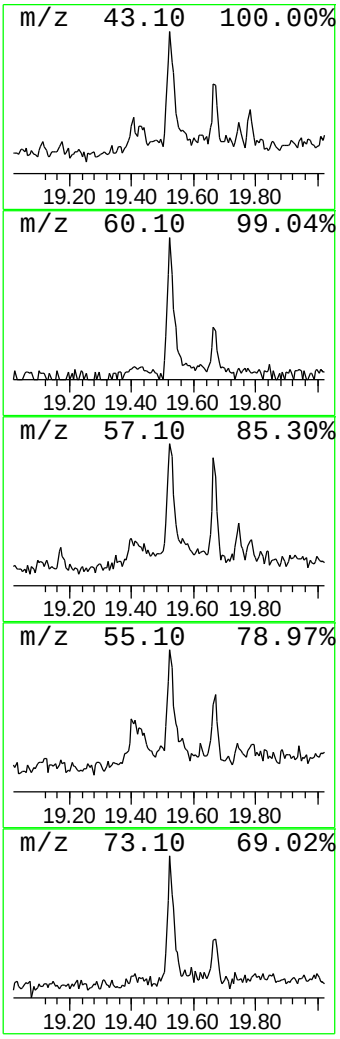
****

Peak Number 5 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	2.74 ng/ul	62287	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
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Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

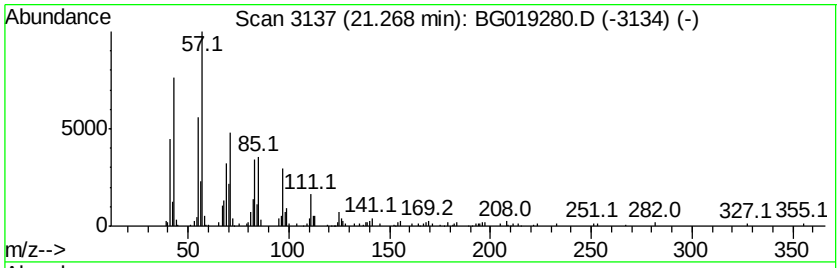
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

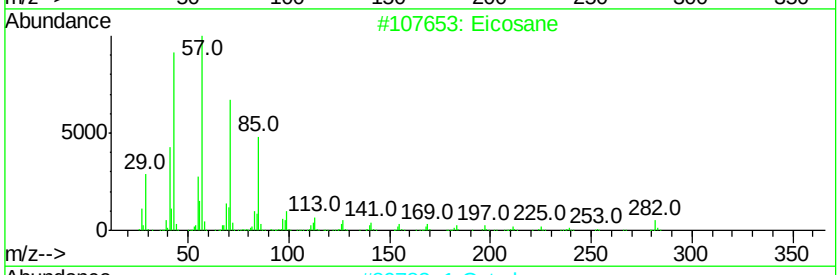
****

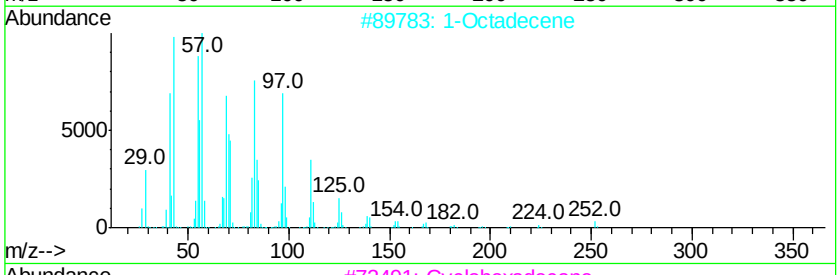
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

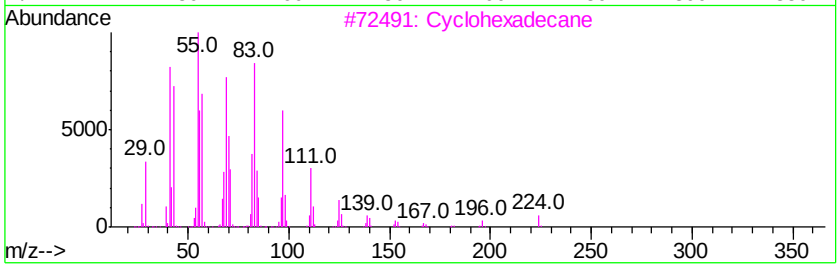
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	8.35 ng/ul	189935	Chrysene-d12	21.63

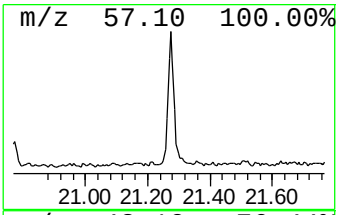
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	1-Octadecene	252	C18H36	000112-88-9	90
3	Cyclohexadecane	224	C16H32	000295-65-8	86
4	Nonane	128	C9H20	000111-84-2	86
5	Eicosane	282	C20H42	000112-95-8	83

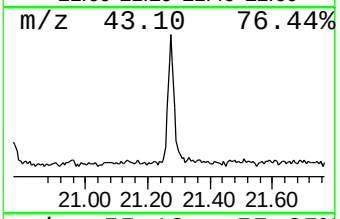


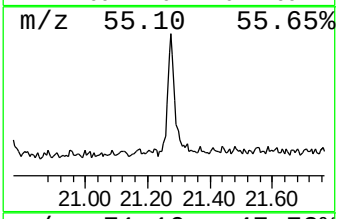


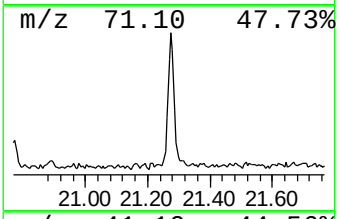


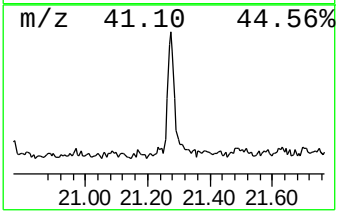












Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

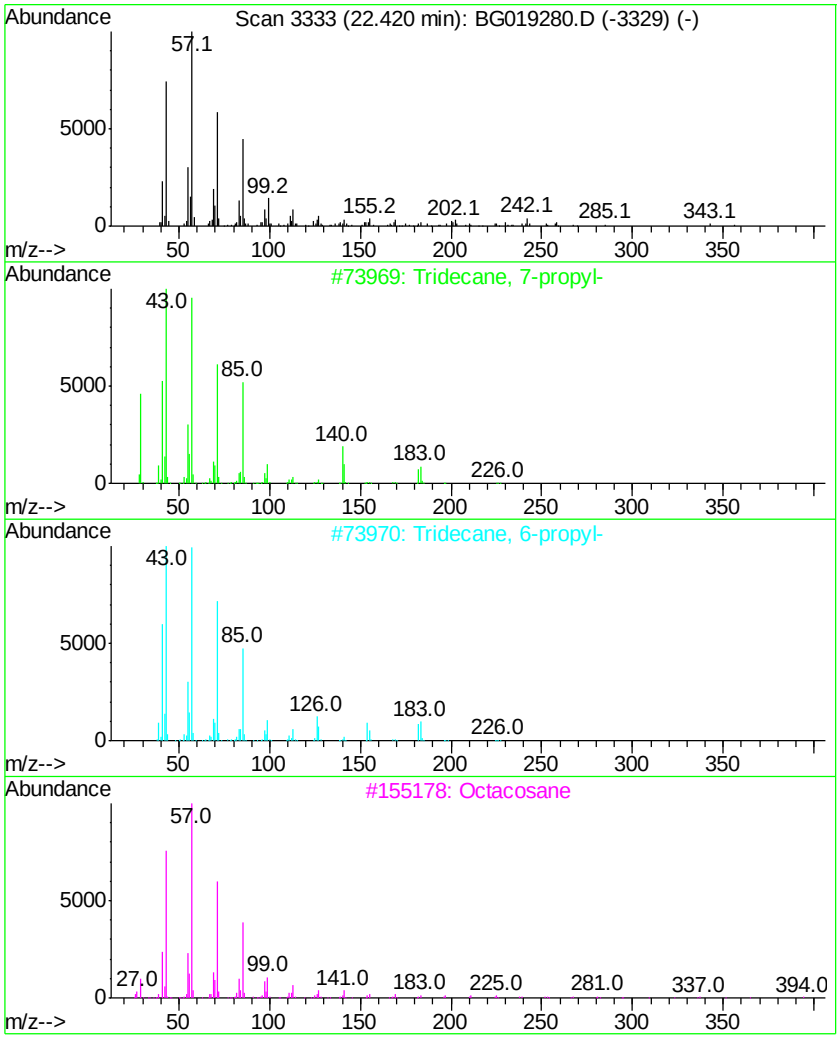
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

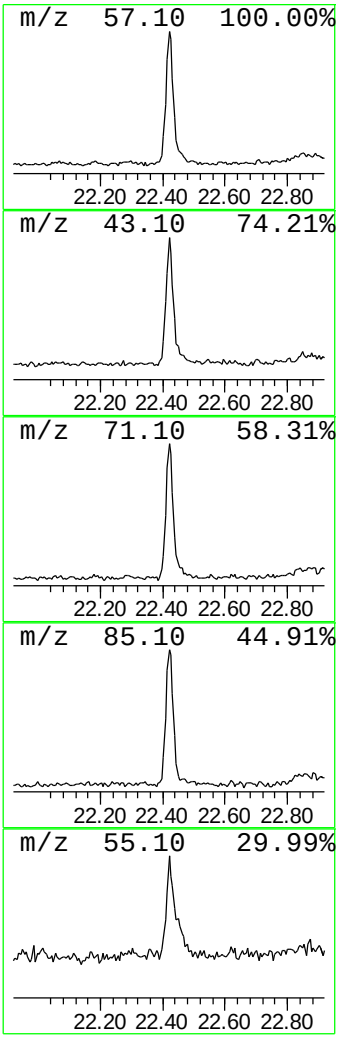
****

Peak Number 7 (DEL) Alkane: Branched22.42 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	7.95 ng/ul	180899	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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...	3.15	8.3	ng/ul	39633	1	7.98	94874	20.0
Myristoleic acid	18.20	6.4	ng/ul	116107	4	17.37	360573	20.0
n-Hexadecanoic acid	18.25	11.0	ng/ul	198083	4	17.37	360573	20.0
Tetradecanoic acid	19.52	2.7	ng/ul	62287	5	21.63	454982	20.0
(DEL) Alkane: Str...	21.27	8.3	ng/ul	189935	5	21.63	454982	20.0
(DEL) Alkane: Bra...	22.42	8.0	ng/ul	180899	5	21.63	454982	20.0