LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG042315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.722	3	6	17	rVB	181225	258085	25.72%	2.114%
2	2.816	18	22	28	rVB	21230	31500	3.14%	0.258%
3	4.679	332	339	347	rVB2	56860	96452	9.61%	0.790%
4	5.166	416	422	439	rBV	393372	585975	58.40%	4.800%
5	6.770	689	695	706	rBV	411538	647584	64.54%	5.304%
6	7.111	746	753	764	rBV	455109	697632	69.53%	5.714%
7	7.569	822	831	838	rBV	219607	332642	33.15%	2.725%
8	7.887	879	885	896	rBV	345950	544504	54.26%	4.460%
9	8.110	917	923	935	rVB6	7358	17762	1.77%	0.145%
10	8.204	935	939	951	rBV2	12541	24401	2.43%	0.200%
11	8.733	1022	1029	1045	rBV	234168	399417	39.81%	3.272%
12	9.191	1103	1107	1113	rBV3	6489	10482	1.04%	0.086%
13	9.250	1113	1117	1125	rVB3	7722	13340	1.33%	0.109%
14	9.767	1198	1205	1212	rVB6	17704	35410	3.53%	0.290%
15	10.354	1298	1305	1312	rBV	301179	506668	50.49%	4.150%
16	12.840	1721	1728	1738	rBV	703128	1003419	100.00%	8.219%
17	13.692	1868	1873	1880	rVB	19947	30112	3.00%	0.247%
18	14.226	1956	1964	1970	rBV2	455206	669475	66.72%	5.484%
19	14.285	1970	1974	1981	rVB	18194	27396	2.73%	0.224%
20	15.078	2106	2109	2117	rVB2	7964	10668	1.06%	0.087%
21	15.278	2137	2143	2148	rBV2	10474	15476	1.54%	0.127%
22	15.472	2172	2176	2183	rBV	29808	46379	4.62%	0.380%
23	15.719	2212	2218	2231	rBV	415296	594164	59.21%	4.867%
24	15.836	2234	2238	2248	rVV	33882	67979	6.77%	0.557%
25	15.942	2251	2256	2264	rVV4	10176	20211	2.01%	0.166%
26	16.629	2369	2373	2380	rVB3	6899	11457	1.14%	0.094%
27	16.788	2396	2400	2404	rVB	8985	12601	1.26%	0.103%
28	16.970	2424	2431	2435	rBV	539143	728467	72.60%	5.967%
29	17.011	2435	2438	2444	rVB	144231	180954	18.03%	1.482%
30	17.099	2450	2453	2459	rVB	28267	38613	3.85%	0.316%
31	17.258	2476	2480	2484	rBV	8112	10089	1.01%	0.083%
32	17.381	2492	2501	2507	rBV2	14292	28739	2.86%	0.235%
33	17.840	2575	2579	2581	rBV	16509	21415	2.13%	0.175%
34	17.875	2581	2585	2592	rVV4	47469	97427	9.71%	0.798%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG042315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.940	2592	2596	2601	rVB	161983	191268	19.06%	1.567%
36	18.039	2608	2613	2617	rBV2	27501	45125	4.50%	0.370%
37	18.180	2631	2637	2641	rBV2	10777	17812	1.78%	0.146%
38	18.351	2661	2666	2670	rBV	15464	23988	2.39%	0.196%
39	18.398	2670	2674	2677	rVB4	14420	19115	1.90%	0.157%
40	18.551	2697	2700	2703	rBV3	7487	11805	1.18%	0.097%
41	18.768	2734	2737	2740	rBV4	9144	11109	1.11%	0.091%
42	19.032	2777	2782	2787	rBV	245191	322726	32.16%	2.643%
43	19.162	2801	2804	2811	rBV5	23053	40030	3.99%	0.328%
44	19.397	2835	2844	2853	rBV	209490	334689	33.35%	2.741%
45	19.602	2874	2879	2884	rBV	846630	998617	99.52%	8.180%
46	20.636	3052	3055	3060	rVB5	32513	48159	4.80%	0.394%
47	20.877	3093	3096	3102	rVB3	85356	134458	13.40%	1.101%
48	21.071	3126	3129	3134	rVB	425172	489365	48.77%	4.008%
49	21.159	3138	3144	3148	rVV2	651496	964240	96.10%	7.898%
50	21.195	3148	3150	3155	rVB	102455	108476	10.81%	0.889%
51	23.357	3513	3518	3524	rBV2	381117	630582	62.84%	5.165%

Sum of corrected areas: 12208459

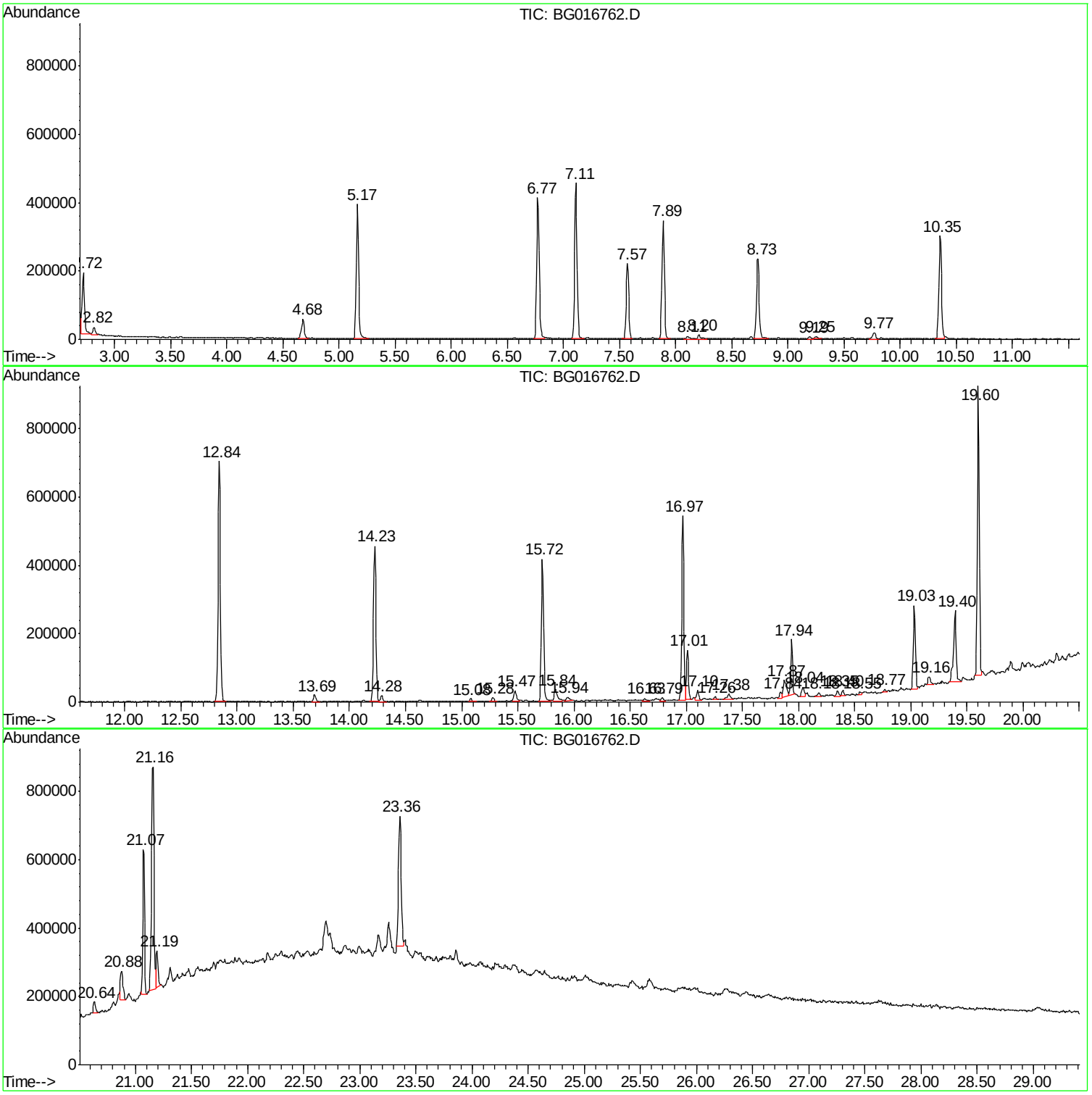
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

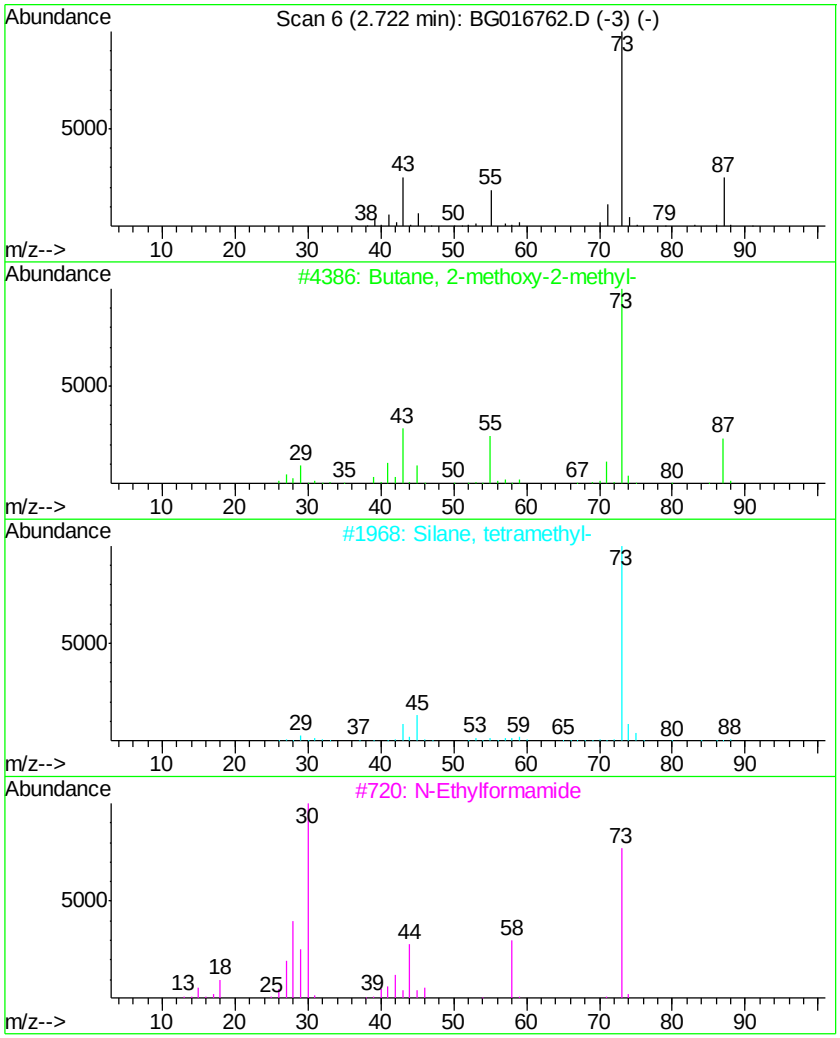
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

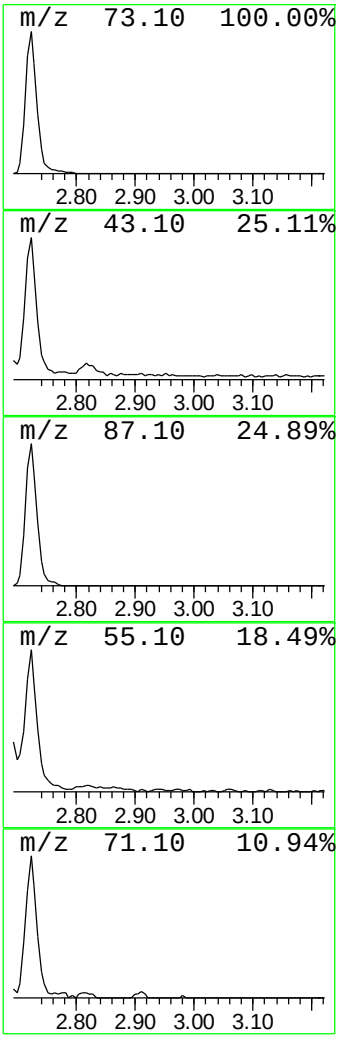
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	15.52 ng	258085	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

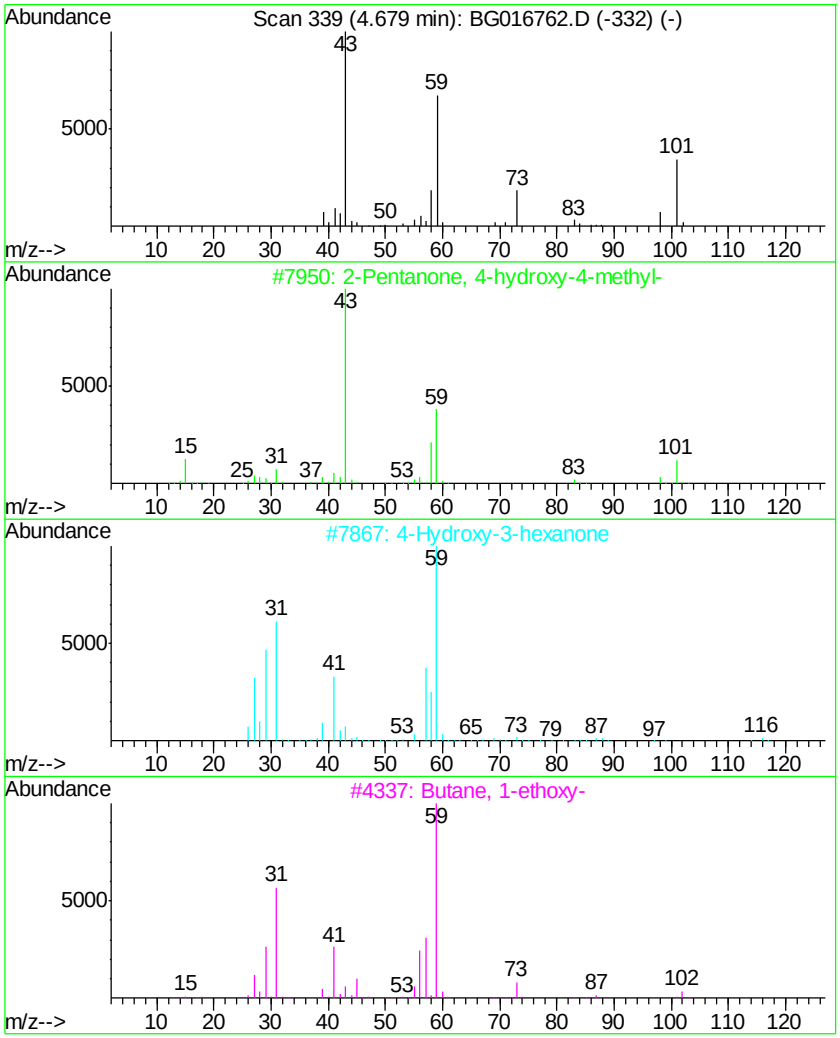
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

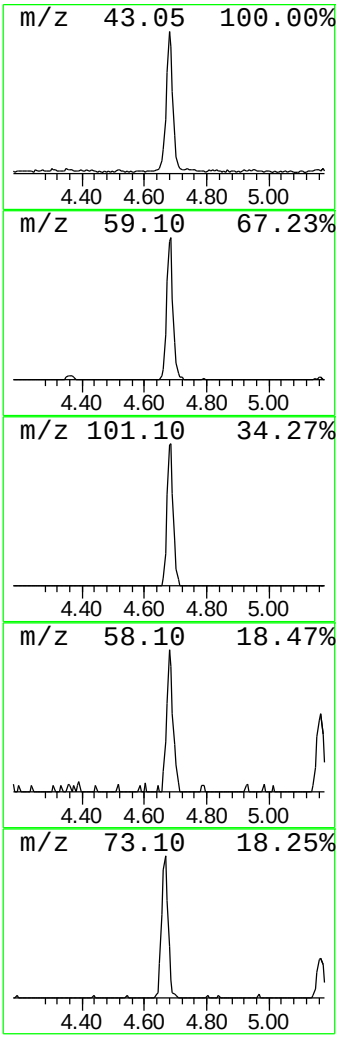
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	5.80 ng	96452	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	32
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

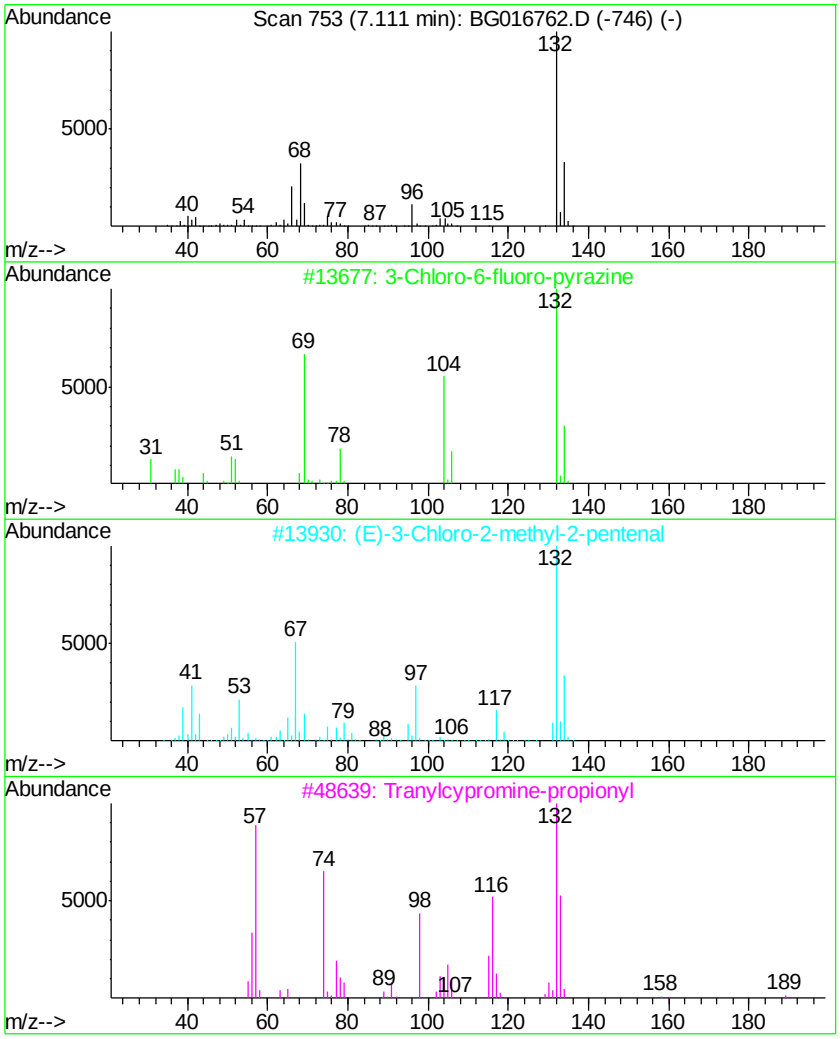
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

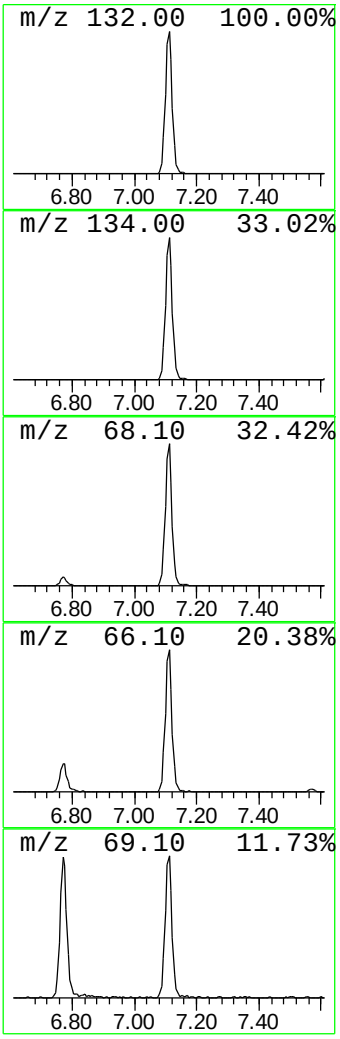
****

Peak Number 3 unknown7.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	41.94 ng	697632	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

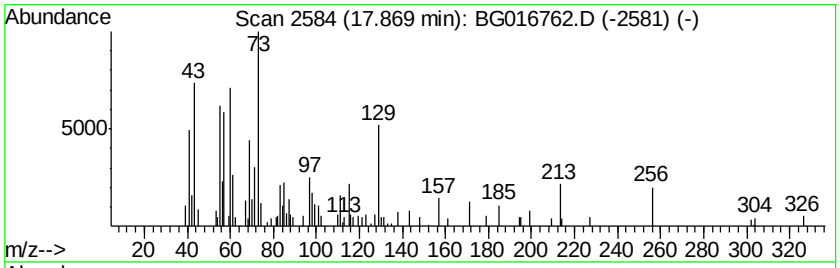
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

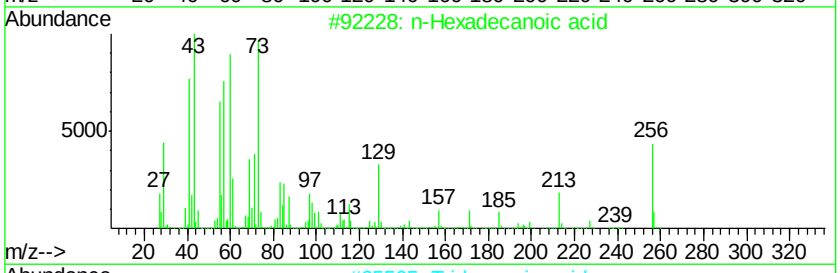
****

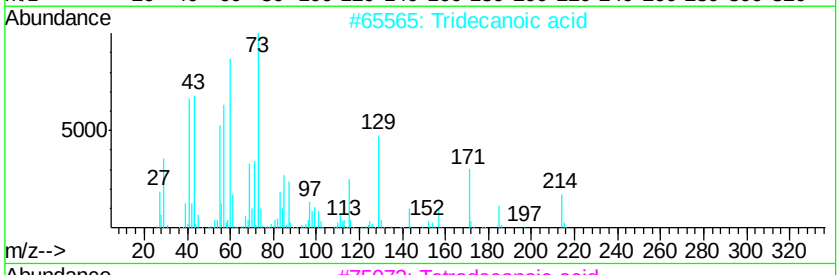
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

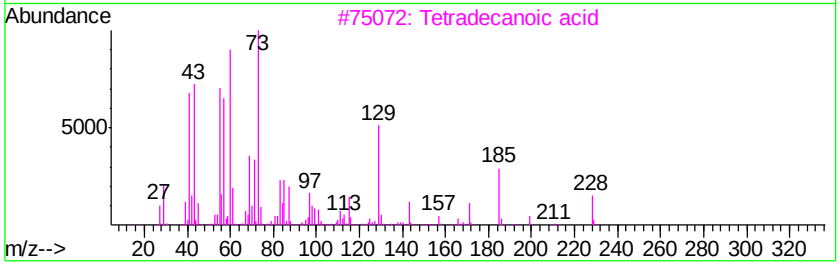
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.67 ng	97427	Phenanthrene-d10	16.97

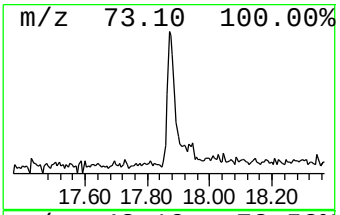
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38

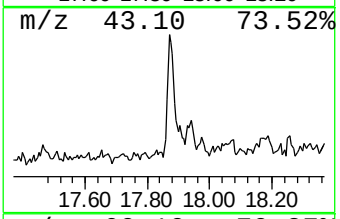


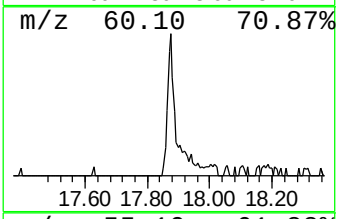


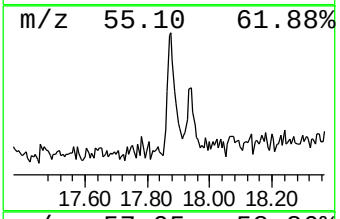


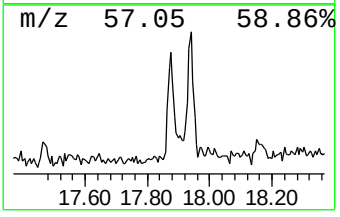












Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

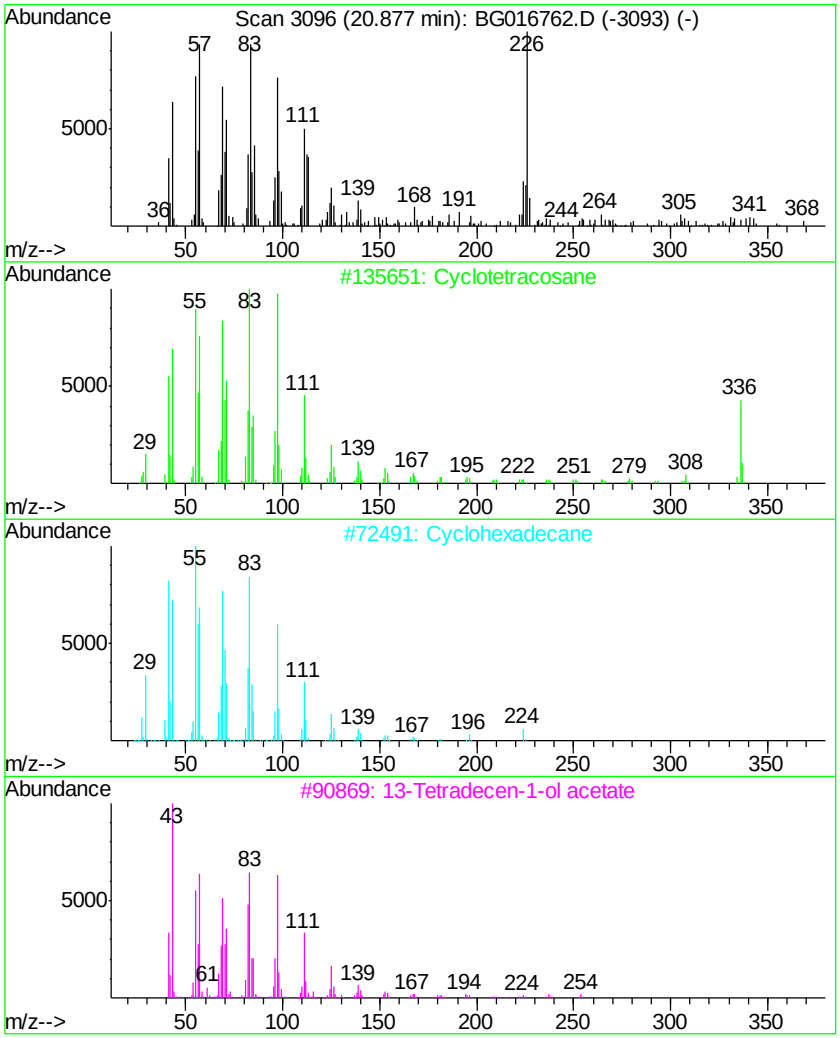
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

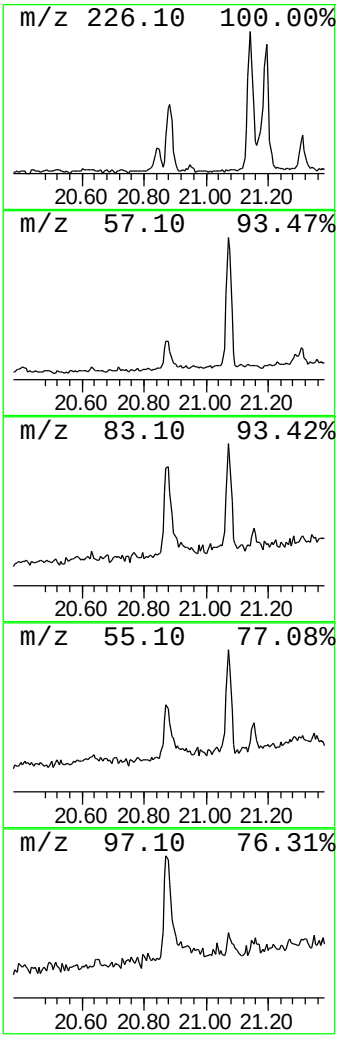
****

Peak Number 6 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.79 ng	134458	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	87
4	1-Octadecene	252	C18H36	000112-88-9	70
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	2.72	15.5	ng	258085	1	7.57	332642	20.0
2-Pentanone, 4-hy...	4.68	5.8	ng	96452	1	7.57	332642	20.0
unknown7.11	7.11	41.9	ng	697632	1	7.57	332642	20.0
n-Hexadecanoic acid	17.87	2.7	ng	97427	4	16.97	728467	20.0
Cyclotetracosane	20.88	2.8	ng	134458	5	21.16	964240	20.0