LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000314.D
Acq On : 24 Jan 2015 02:39
Operator : TP/IZ
Sample : G1115-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK4

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\SOM01.2-EPA-BM012315.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	2.822	20	23	29	rBV2	216170	313315	0.98%	0.247%
2	2.975	45	49	57	rBV	480676	858379	2.69%	0.677%
3	3.046	58	61	71	rVB	491304	707110	2.22%	0.557%
4	3.281	95	101	108	rBV	19122157	30672226	96.27%	24.175%
5	3.340	108	111	127	rVB	2468630	3622660	11.37%	2.855%
6	4.563	312	319	331	rBV	21206978	31861882	100.00%	25.113%
7	4.793	355	358	364	rBV	110601	160731	0.50%	0.127%
8	6.975	724	729	738	rVB2	204554	374004	1.17%	0.295%
9	7.146	753	758	764	rBV	491838	748938	2.35%	0.590%
10	7.345	786	792	799	rVB	571373	890595	2.80%	0.702%
11	7.434	805	807	813	rVB4	48246	61442	0.19%	0.048%
12	7.816	865	872	878	rBV	726792	1182845	3.71%	0.932%
13	7.869	878	881	891	rVB4	37405	80183	0.25%	0.063%
14	8.510	984	990	998	rBV	521796	839972	2.64%	0.662%
15	8.969	1061	1068	1074	rBV	845393	1371612	4.30%	1.081%
16	9.687	1183	1190	1199	rBV	597862	1009862	3.17%	0.796%
17	10.222	1274	1281	1291	rVB	899602	1511978	4.75%	1.192%
18	10.604	1339	1346	1354	rVB	1015259	1703997	5.35%	1.343%
19	10.739	1365	1369	1373	rBV4	23162	33831	0.11%	0.027%
20	11.916	1564	1569	1575	rBV6	32148	55018	0.17%	0.043%
21	12.851	1724	1728	1733	rVB3	21302	32018	0.10%	0.025%
22	13.039	1754	1760	1766	rBV7	18524	44316	0.14%	0.035%
23	13.857	1893	1899	1904	rBV	2285708	3066581	9.62%	2.417%
24	13.904	1904	1907	1915	rVB	155950	196104	0.62%	0.155%
25	14.092	1928	1939	1943	rBV	2366407	4622855	14.51%	3.644%
26	14.139	1943	1947	1958	rVB	2071081	3190138	10.01%	2.514%
27	14.451	1993	2000	2008	rVB	1685885	2438189	7.65%	1.922%
28	14.645	2027	2033	2039	rBV	282147	421438	1.32%	0.332%
29	14.727	2043	2047	2054	rVB9	17898	37468	0.12%	0.030%
30	14.857	2063	2069	2075	rBV7	27000	41612	0.13%	0.033%
31	15.445	2160	2169	2175	rBV	2865886	4164222	13.07%	3.282%
32	15.557	2180	2188	2199	rBV	1065445	1485230	4.66%	1.171%
33	15.680	2204	2209	2214	rVB6	52776	77366	0.24%	0.061%
34	15.810	2225	2231	2236	rVB	101925	145718	0.46%	0.115%

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Instrument : BNA_M
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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\SOM01.2-EPA-BM012315.M
Title : SVOA CALIBRATION

35	17.192	2460	2466	2473	rBV2	2237148	3244913	10.18%	2.558%
36	17.292	2476	2483	2493	rVB2	3392555	4818982	15.12%	3.798%
37	18.080	2612	2617	2626	rBV2	185344	281569	0.88%	0.222%
38	19.221	2806	2811	2815	rBV3	46433	79869	0.25%	0.063%
39	19.362	2831	2835	2839	rBV3	93308	123716	0.39%	0.098%
40	19.474	2851	2854	2858	rVB3	32882	42248	0.13%	0.033%
41	19.592	2867	2874	2883	rBV	4020825	5729322	17.98%	4.516%
42	21.086	3123	3128	3140	rBV2	284626	592200	1.86%	0.467%
43	21.174	3140	3143	3147	rVB6	41055	62673	0.20%	0.049%
44	21.286	3159	3162	3167	rVB2	92914	103896	0.33%	0.082%
45	21.380	3172	3178	3188	rBV	3319260	4119105	12.93%	3.247%
46	22.427	3354	3356	3362	rVB6	42696	59192	0.19%	0.047%
47	22.562	3376	3379	3384	rVB6	48176	61404	0.19%	0.048%
48	23.521	3533	3542	3552	rBV	2879957	5561612	17.46%	4.384%
49	23.662	3559	3566	3575	rVB	1943443	3826841	12.01%	3.016%
50	24.180	3652	3654	3660	rVB7	59103	88276	0.28%	0.070%
51	24.286	3668	3672	3674	rBV5	38992	55556	0.17%	0.044%

Sum of corrected areas: 126875209

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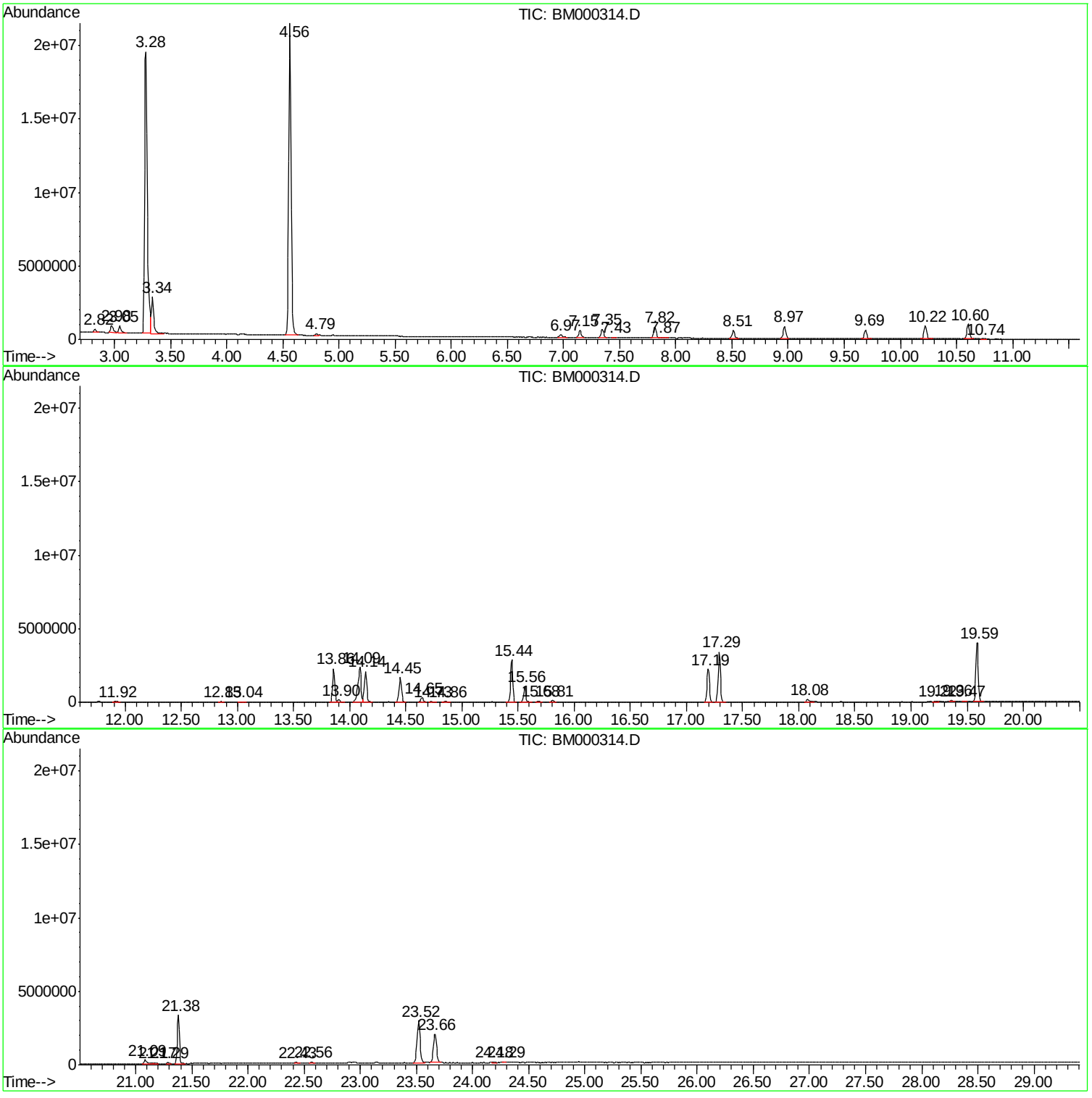
Instrument :
BNA_M
ClientSampleId :
C0AK4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM000314.D
Acq On : 24 Jan 2015 02:39
Operator : TP/IZ
Sample : G1115-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

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

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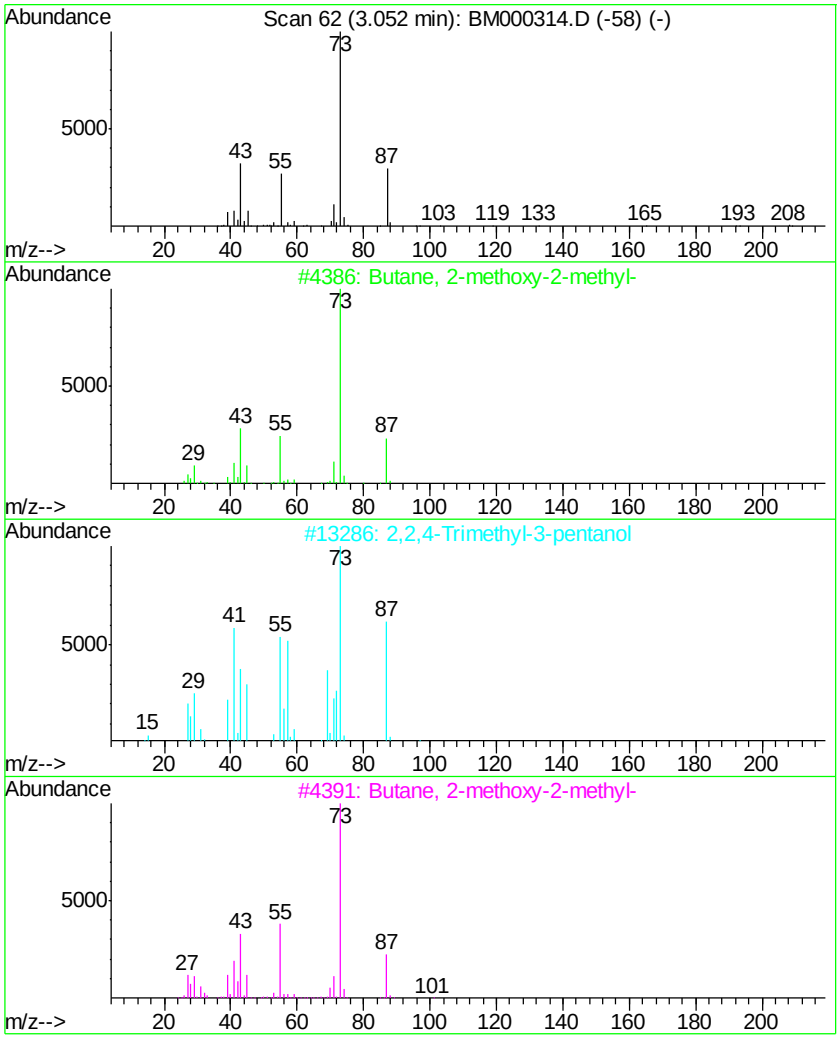
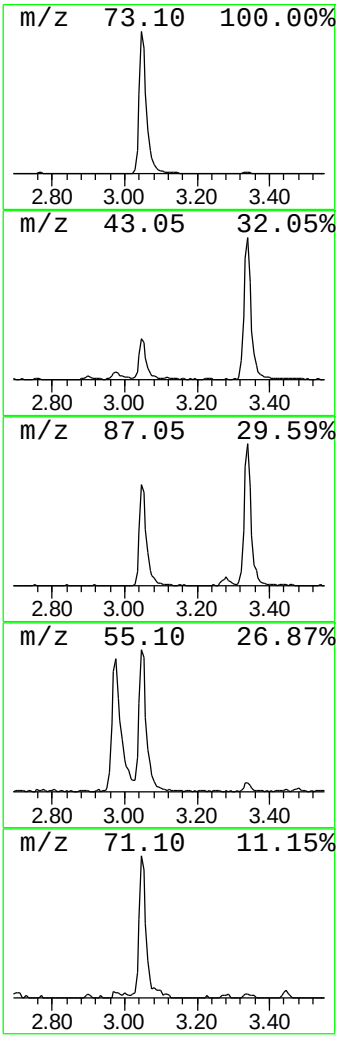
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	11.96 ng/ul	707110	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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Sample : G1115-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

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

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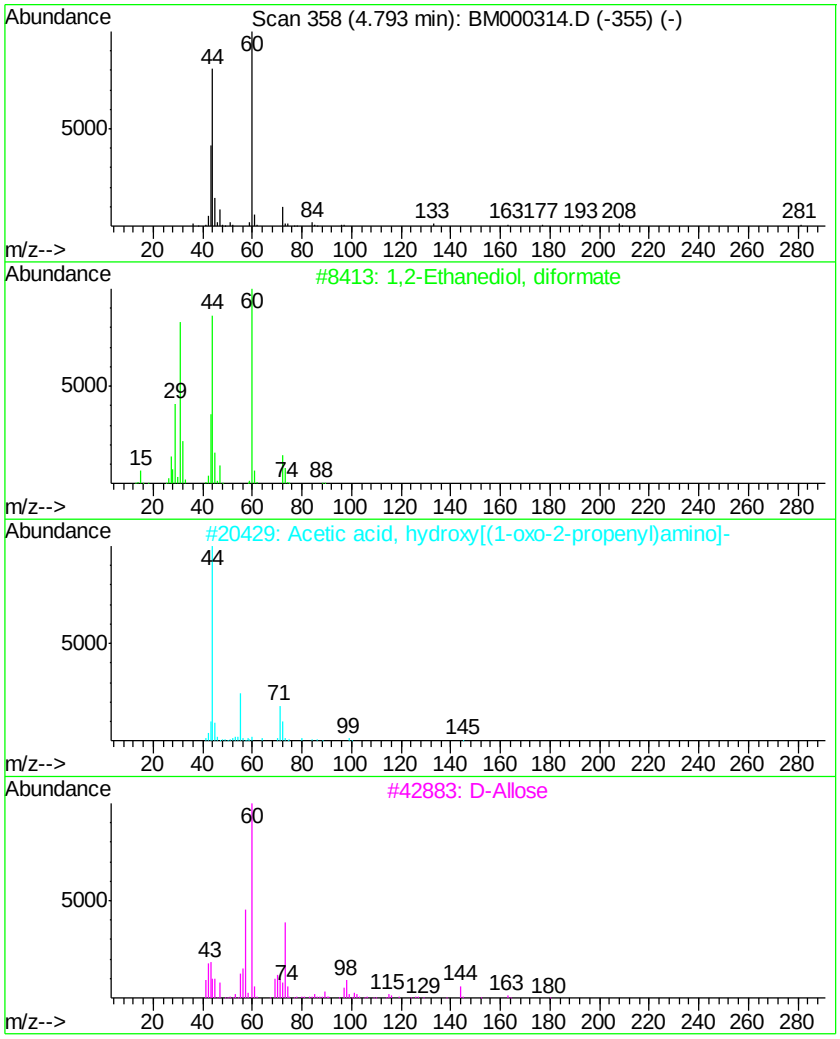
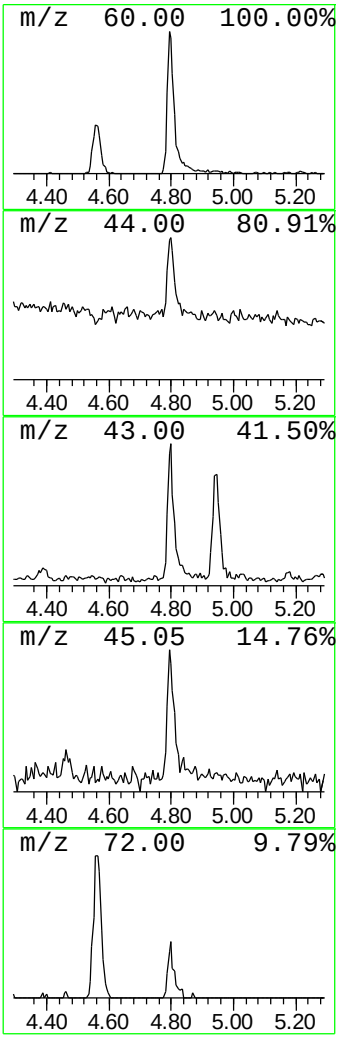
Peak Number 5 1,2-Ethanediol, diformate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	2.72 ng/ul	160731	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol, diformate	118	C4H6O4	000629-15-2	78
2	Acetic acid, hydroxy[(1-oxo-2-pr...	145	C5H7NO4	006737-24-2	38
3	D-Allose	180	C6H12O6	002595-97-3	28
4	Acetamide, N-(.beta.-mercaptoeth...	119	C4H9NOS	001190-73-4	12
5	Urea	60	CH4N2O	000057-13-6	9





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Acq On : 24 Jan 2015 02:39
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Sample : G1115-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

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

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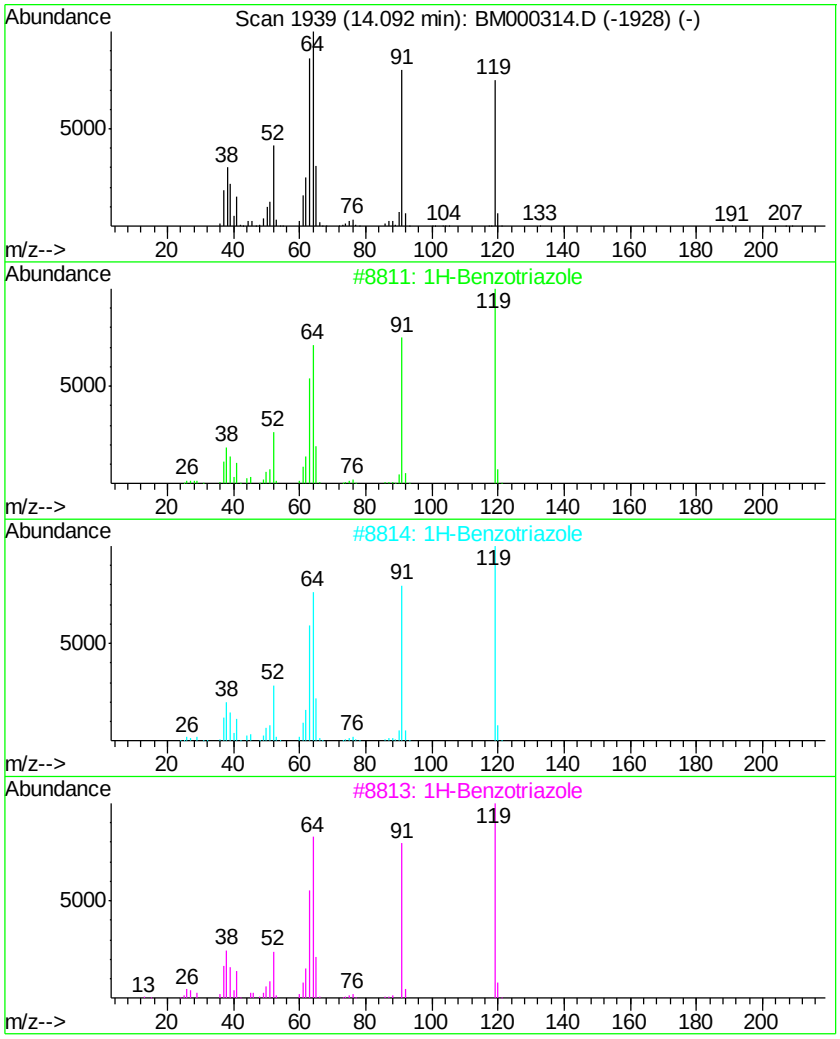
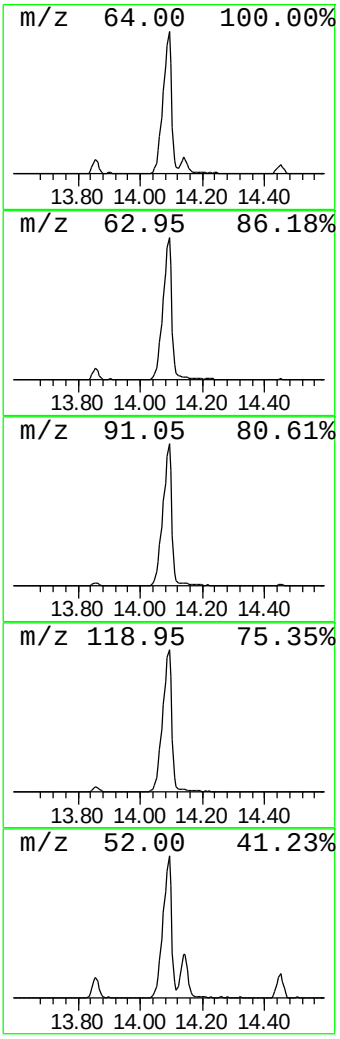
Peak Number 6 1H-Benzotriazole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	37.92 ng/ul	4622860	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole	119	C6H5N3	027556-51-0	98
2	1H-Benzotriazole	119	C6H5N3	000095-14-7	98
3	1H-Benzotriazole	119	C6H5N3	000095-14-7	95
4	Ethane-1,2-diol, 1,2-bis(1-benzo...	296	C14H12N6O2	111507-88-1	87
5	2,1-Benzisoxazole	119	C7H5NO	000271-58-9	87





Library Search Compound Report

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Acq On : 24 Jan 2015 02:39
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Sample : G1115-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

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

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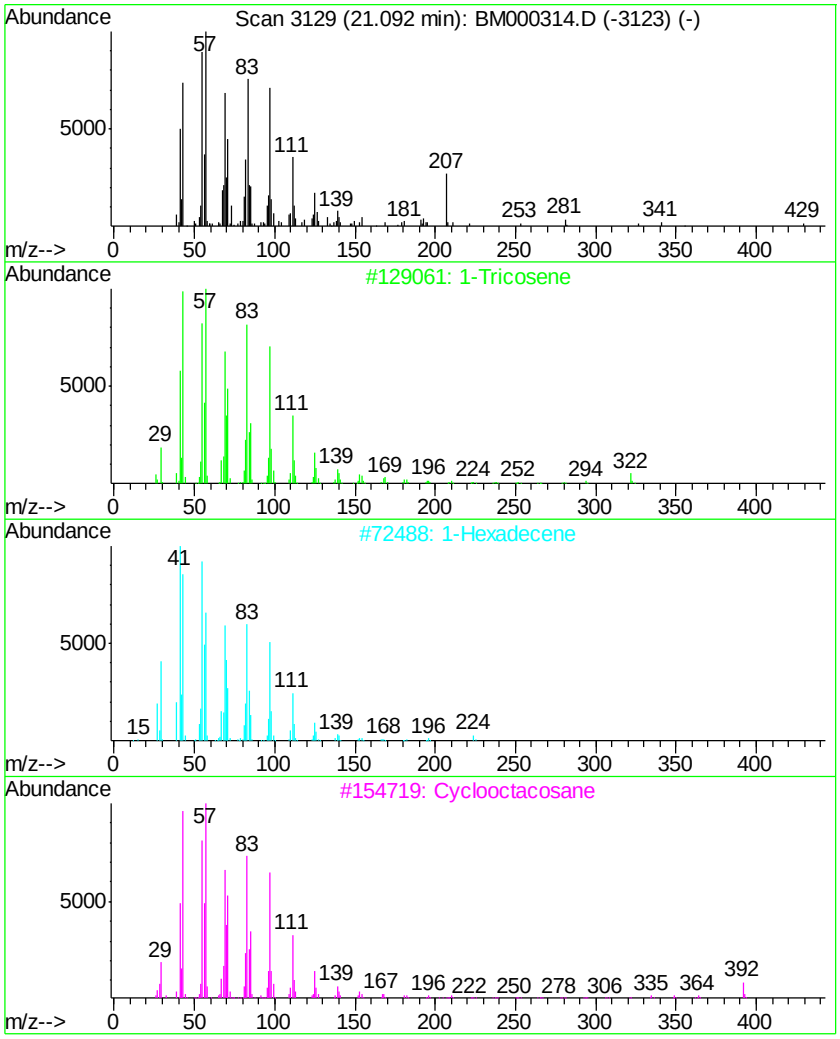
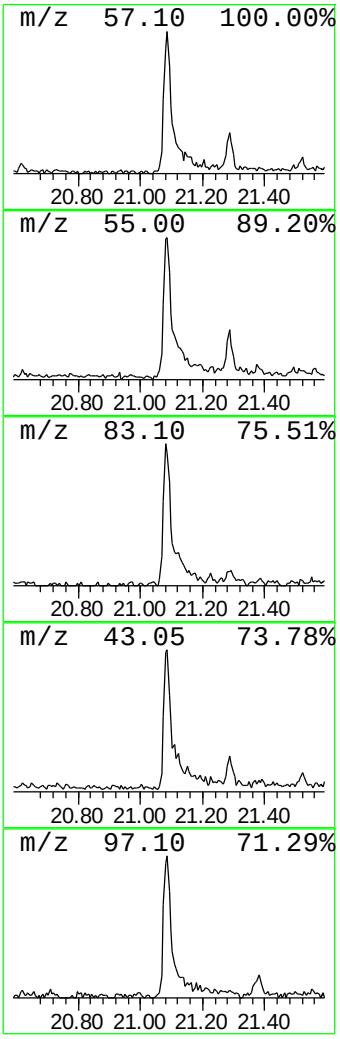
Peak Number 7 1-Tricosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.88 ng/ul	592200	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	1-Hexadecene	224	C16H32	000629-73-2	87
3	Cyclooctacosane	392	C28H56	000297-24-5	86
4	1-Docosene	308	C22H44	001599-67-3	83
5	Cyclotetracosane	336	C24H48	000297-03-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012315\
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.05	12.0	ng/ul	707110	1	7.82	1182850	20.0
1,2-Ethanediol, d...	4.79	2.7	ng/ul	160731	1	7.82	1182850	20.0
1H-Benzotriazole	14.09	37.9	ng/ul	4622860	3	14.45	2438190	20.0
1-Tricosene	21.09	2.9	ng/ul	592200	5	21.38	4119110	20.0