LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022988.D
Acq On : 10 Jul 2016 6:49
Operator : UM/SJ
Sample : H3921-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N8-B1(5-12)C

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-BG070816.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	3.038	29	34	51	rBV	4930422	7455914	75.71%	11.500%
2	5.224	400	406	412	rBV	132141	215584	2.19%	0.333%
3	5.694	480	486	498	rBV	2298700	3809924	38.69%	5.877%
4	7.304	752	760	770	rBV	2690172	4748764	48.22%	7.325%
5	7.680	817	824	839	rVB	2463904	4285947	43.52%	6.611%
6	8.150	896	904	915	rBV2	366134	643063	6.53%	0.992%
7	8.479	952	960	968	rBV	1644408	2902386	29.47%	4.477%
8	9.325	1096	1104	1114	rBV	1634159	3036777	30.84%	4.684%
9	10.976	1377	1385	1393	rBV	546256	1031716	10.48%	1.591%
10	13.414	1792	1800	1808	rBV	4511922	7084697	71.94%	10.928%
11	14.237	1932	1940	1945	rBV	619769	905538	9.20%	1.397%
12	14.795	2028	2035	2042	rBV2	1059555	1702646	17.29%	2.626%
13	16.287	2282	2289	2301	rBV	4732871	7201484	73.13%	11.108%
14	16.481	2318	2322	2331	rVB5	58639	111055	1.13%	0.171%
15	17.551	2498	2504	2509	rBV2	1373384	2192435	22.26%	3.382%
16	17.592	2509	2511	2518	rVB	176186	245144	2.49%	0.378%
17	18.420	2646	2652	2659	rBV2	362149	539516	5.48%	0.832%
18	19.601	2848	2853	2858	rVB	160734	237552	2.41%	0.366%
19	19.683	2863	2867	2876	rBV2	352372	498978	5.07%	0.770%
20	19.959	2911	2914	2922	rVB	142908	203054	2.06%	0.313%
21	20.153	2941	2947	2955	rBV	7316146	9847985	100.00%	15.190%
22	21.452	3164	3168	3174	rBV3	193774	303130	3.08%	0.468%
23	21.846	3227	3235	3242	rBV	1558022	2661907	27.03%	4.106%
24	22.016	3260	3264	3268	rVB2	98505	136189	1.38%	0.210%
25	22.645	3367	3371	3375	rBV2	94341	127753	1.30%	0.197%
26	23.361	3488	3493	3500	rBV5	85074	170787	1.73%	0.263%
27	24.202	3633	3636	3643	rVB8	92707	172204	1.75%	0.266%
28	25.206	3797	3807	3817	rBV	821942	2359905	23.96%	3.640%

Sum of corrected areas: 64832034

LSC Report - Integrated Chromatogram

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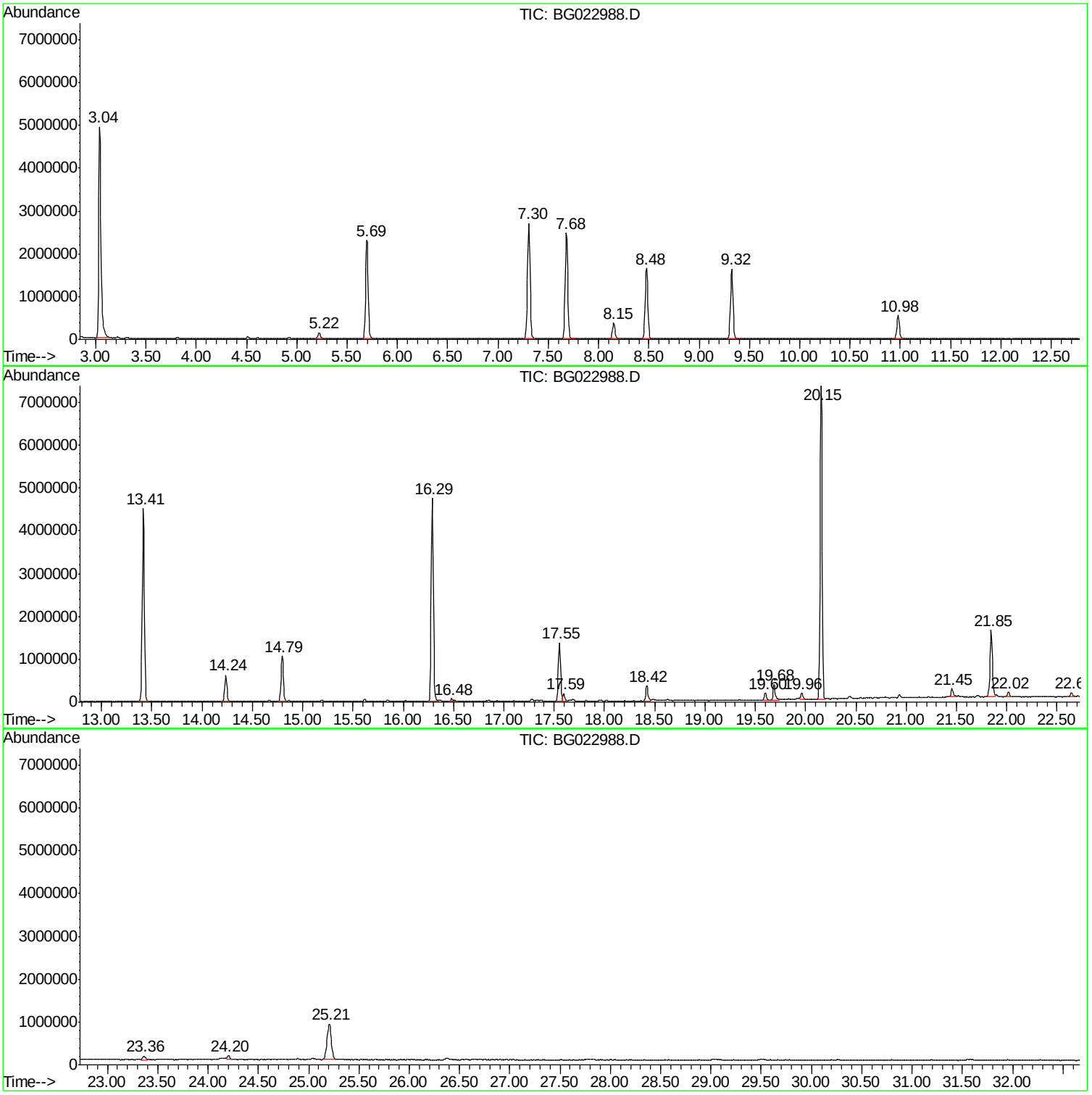
Instrument : BNA_G
ClientSampleId : N8-B1(5-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : UM/SJ
Sample : H3921-02
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ClientSampleId : N8-B1(5-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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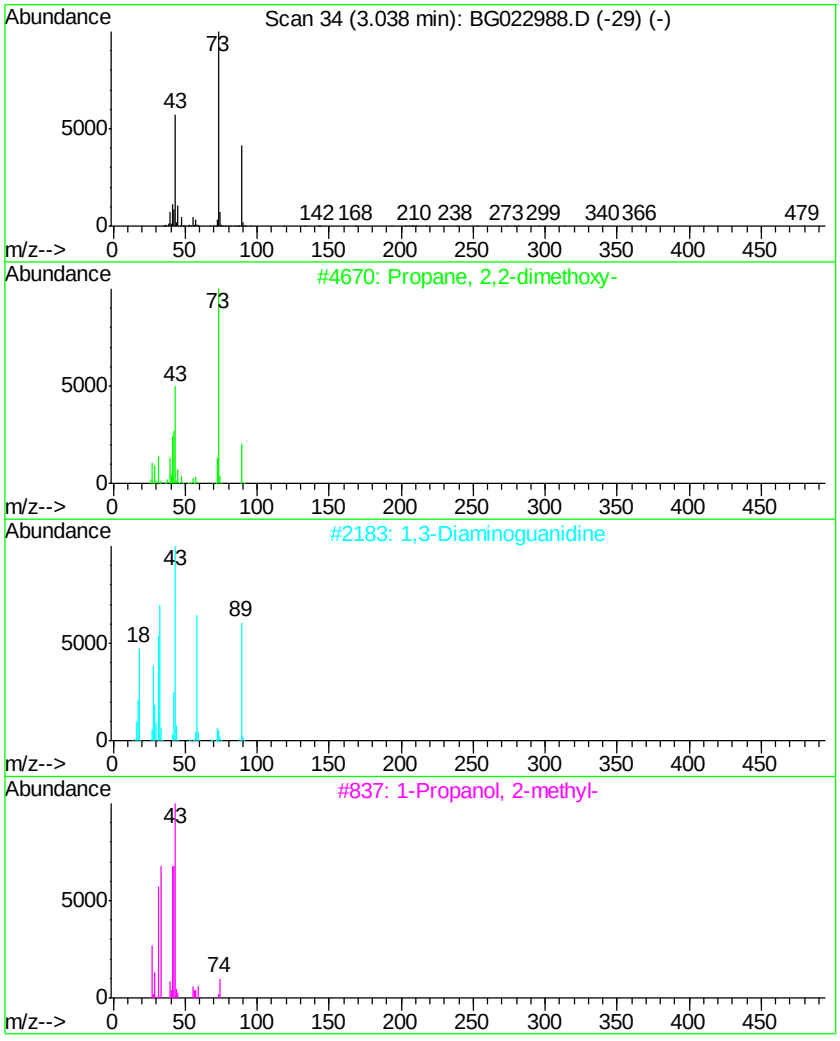
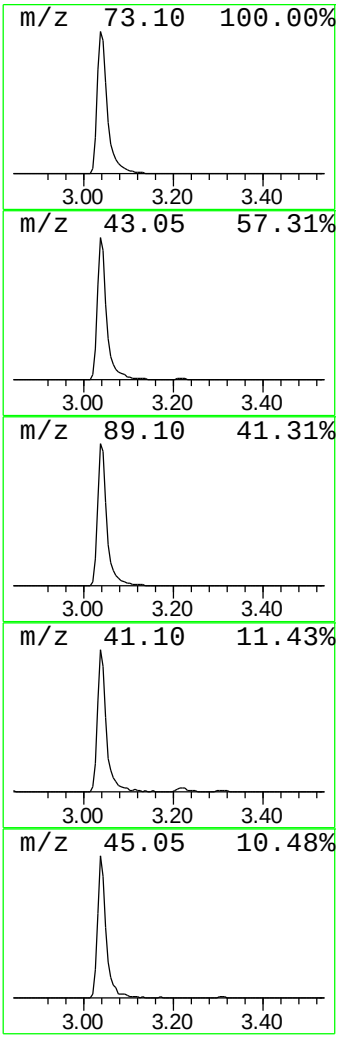
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	231.89 ng	7455910	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Operator : UM/SJ
Sample : H3921-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N8-B1(5-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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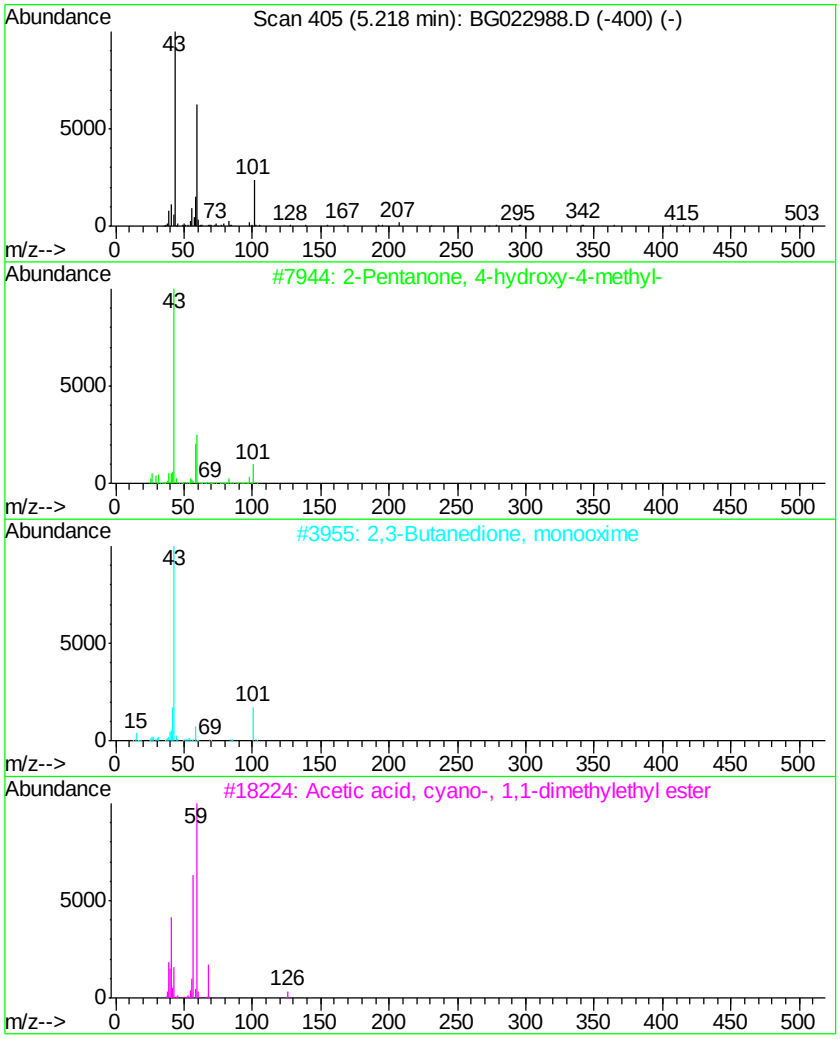
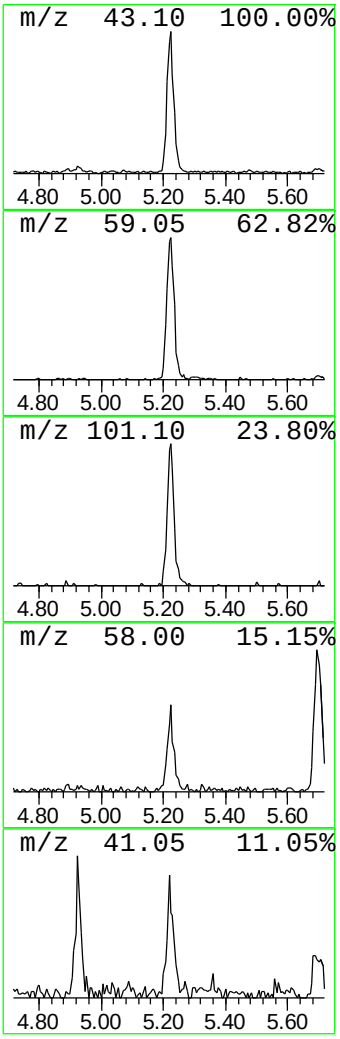
Peak Number 2 unknown5.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	6.70 ng	215584	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	12
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022988.D
Acq On : 10 Jul 2016 6:49
Operator : UM/SJ
Sample : H3921-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
N8-B1(5-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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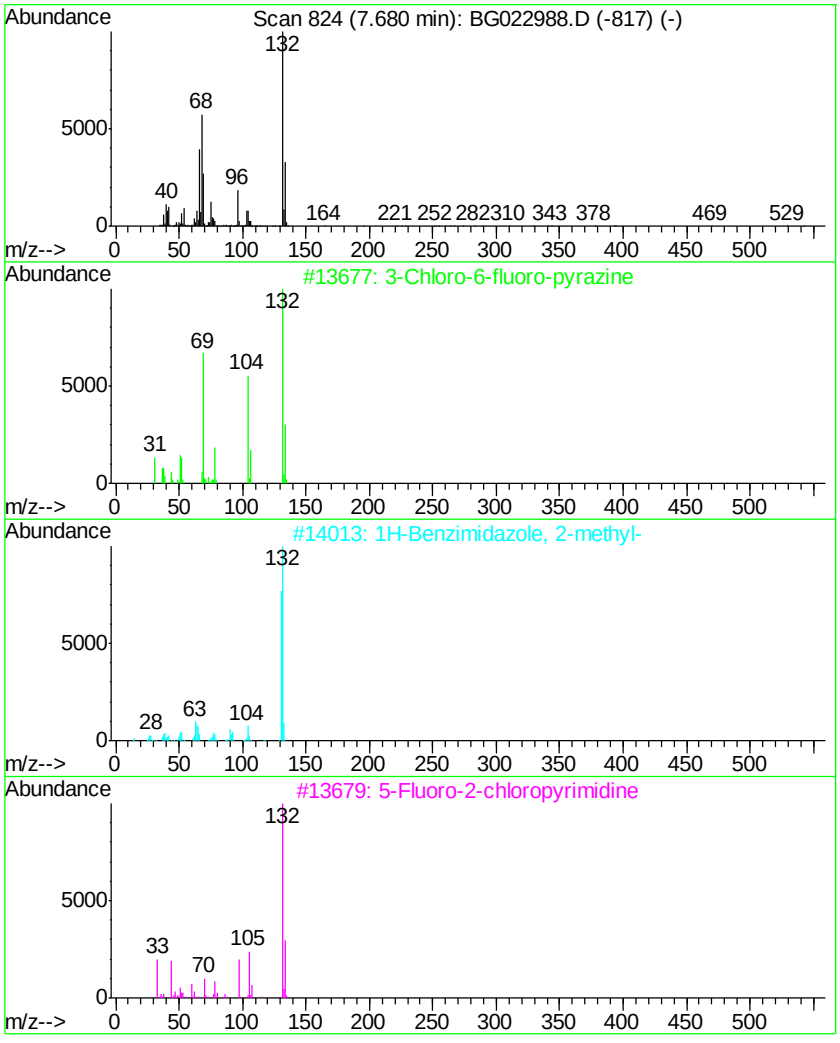
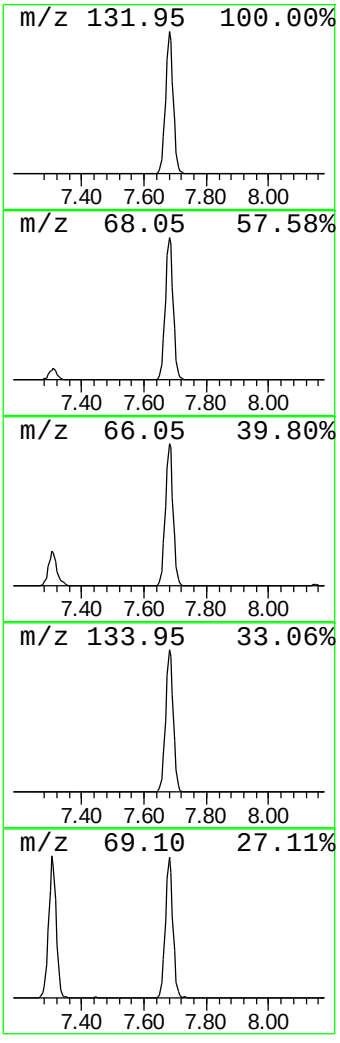
Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	133.30 ng	4285950	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





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Sample : H3921-02
Misc :
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Instrument : BNA_G
ClientSampleId : N8-B1(5-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
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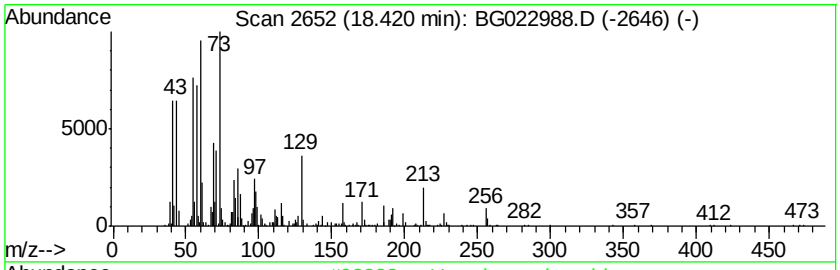
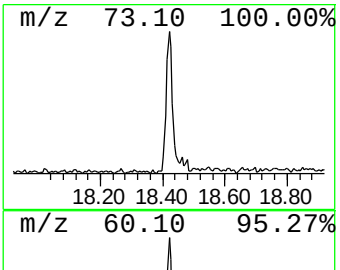
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.92 ng	539516	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	60
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Sample : H3921-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N8-B1(5-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
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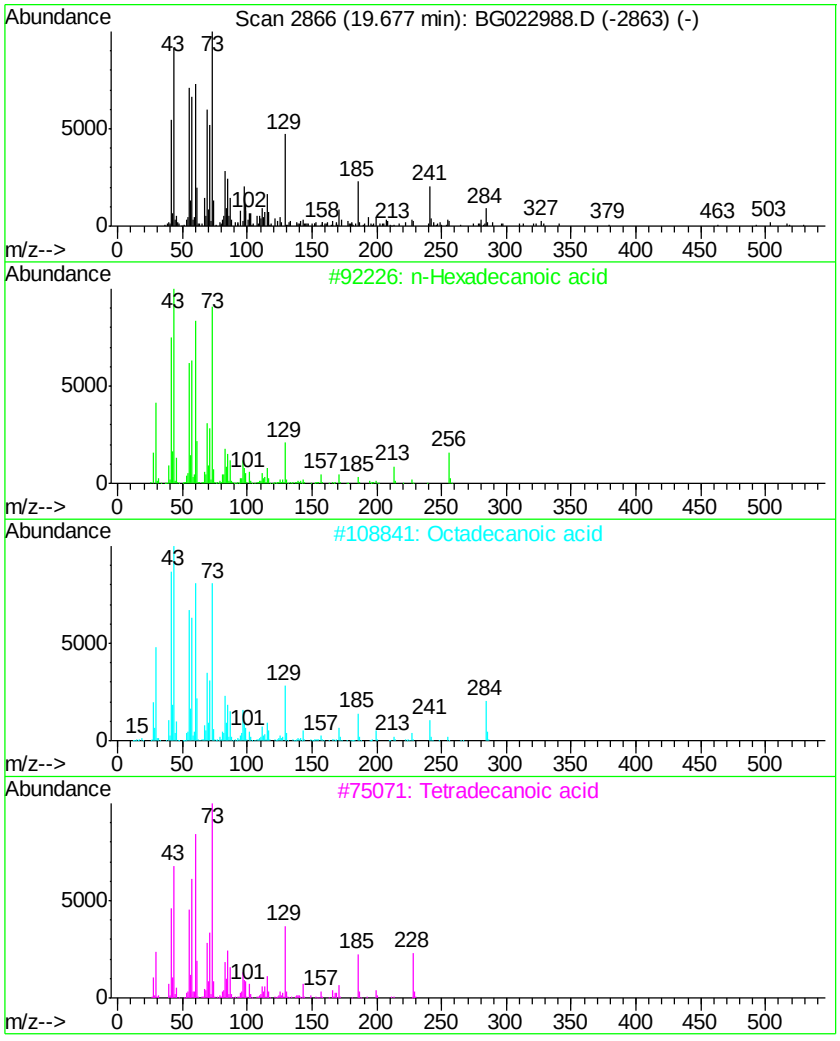
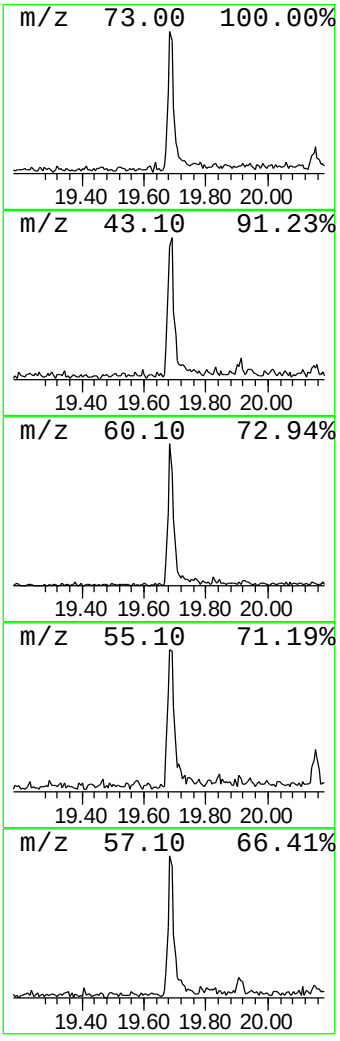
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	4.55 ng	498978	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Octadecanoic acid	284	C18H36O2	000057-11-4	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N8-B1(5-12)C

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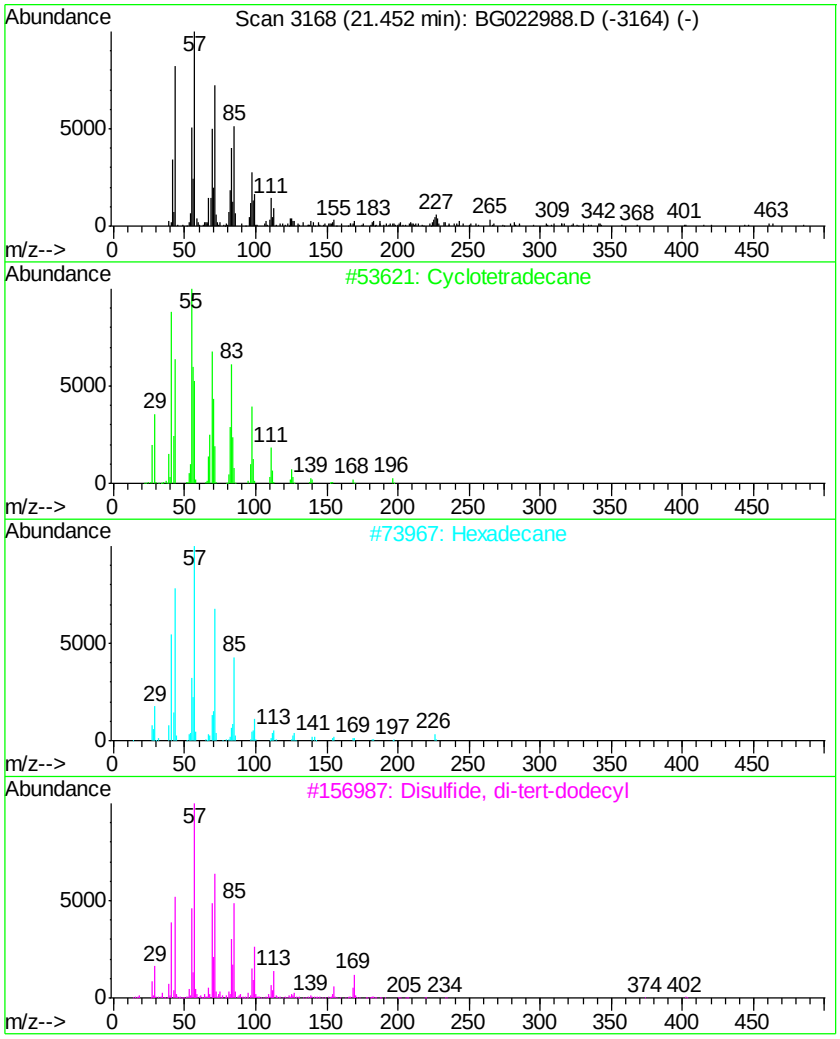
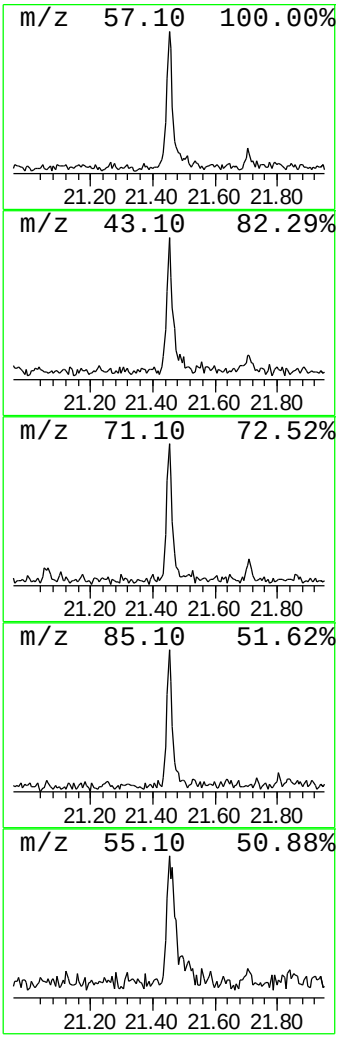
Peak Number 7 Cyclotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.28 ng	303130	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	74
2	Hexadecane	226	C16H34	000544-76-3	70
3	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	68
4	Eicosane	282	C20H42	000112-95-8	60
5	1-Hexacosanol	382	C26H54O	000506-52-5	55





Tentatively Identified Compound (LSC) summary

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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
Propane, 2,2-dime...	3.04	231.9	ng	7455910	1	8.15	643063	20.0
unknown5.22	5.22	6.7	ng	215584	1	8.15	643063	20.0
unknown7.68	7.68	133.3	ng	4285950	1	8.15	643063	20.0
n-Hexadecanoic acid	18.42	4.9	ng	539516	4	17.55	2192440	20.0
Octadecanoic acid	19.68	4.5	ng	498978	4	17.55	2192440	20.0
Cyclotetradecane	21.45	2.3	ng	303130	5	21.85	2661910	20.0