LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021013.D
Acq On : 20 Feb 2016 17:52
Operator : SJ/UM
Sample : H1453-22 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-5

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-BG021116.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	3.243	64	69	78	rBV2	17114	31821	8.05%	0.832%
2	3.319	78	82	89	rVB	6226	8186	2.07%	0.214%
3	5.317	416	422	427	rVB	5998	9746	2.46%	0.255%
4	5.793	497	503	509	rBV	39479	62482	15.80%	1.635%
5	7.402	769	777	789	rVB	31540	51245	12.96%	1.341%
6	7.790	835	843	850	rBV	73098	125140	31.65%	3.274%
7	8.260	914	923	930	rBV	74754	123679	31.28%	3.236%
8	8.589	971	979	986	rVB	65816	110663	27.98%	2.895%
9	9.429	1116	1122	1129	rBV	53825	92476	23.39%	2.419%
10	10.257	1260	1263	1268	rVB3	2974	4038	1.02%	0.106%
11	10.786	1349	1353	1358	rVB6	2386	4672	1.18%	0.122%
12	11.085	1396	1404	1411	rBV	132477	238809	60.39%	6.247%
13	11.215	1422	1426	1432	rVB3	10749	17298	4.37%	0.453%
14	11.285	1434	1438	1442	rBV4	3590	6832	1.73%	0.179%
15	11.567	1481	1486	1491	rVB4	5839	10017	2.53%	0.262%
16	11.761	1516	1519	1524	rVB6	2814	4684	1.18%	0.123%
17	11.896	1536	1542	1548	rBV6	3583	8446	2.14%	0.221%
18	11.984	1554	1557	1565	rVB6	3009	5759	1.46%	0.151%
19	12.072	1567	1572	1576	rVV2	10016	16678	4.22%	0.436%
20	12.119	1576	1580	1585	rVV5	7144	13475	3.41%	0.353%
21	12.160	1585	1587	1592	rVB4	4146	6294	1.59%	0.165%
22	12.260	1599	1604	1609	rVB4	6161	10566	2.67%	0.276%
23	12.342	1609	1618	1623	rBV5	8904	21803	5.51%	0.570%
24	12.595	1659	1661	1667	rVB6	3201	5830	1.47%	0.153%
25	12.671	1667	1674	1681	rVB7	9306	22212	5.62%	0.581%
26	12.795	1692	1695	1701	rVB6	3946	7166	1.81%	0.187%
27	13.089	1740	1745	1751	rBV7	5814	13537	3.42%	0.354%
28	13.147	1751	1755	1764	rBV5	7461	15504	3.92%	0.406%
29	13.329	1780	1786	1792	rBV8	7863	16593	4.20%	0.434%
30	13.394	1792	1797	1807	rVB3	19522	34454	8.71%	0.901%
31	13.500	1809	1815	1821	rVB	203362	301278	76.19%	7.882%
32	13.682	1839	1846	1855	rVB9	14105	36691	9.28%	0.960%
33	13.752	1855	1858	1859	rBV3	4660	4649	1.18%	0.122%
34	13.917	1883	1886	1893	rVB8	4380	7476	1.89%	0.196%

LSC Area Percent Report

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Acq On : 20 Feb 2016 17:52
Operator : SJ/UM
Sample : H1453-22 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-5

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-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.064	1908	1911	1915	rBV5	5726	10035	2.54%	0.263%
36	14.252	1939	1943	1946	rVB6	8127	12238	3.09%	0.320%
37	14.299	1946	1951	1953	rBV2	21899	36028	9.11%	0.943%
38	14.328	1953	1956	1960	rVB2	35797	51387	12.99%	1.344%
39	14.381	1962	1965	1968	rBV5	6485	9501	2.40%	0.249%
40	14.622	1999	2006	2010	rBV5	14757	31342	7.93%	0.820%
41	14.698	2016	2019	2024	rVB2	17096	23291	5.89%	0.609%
42	14.874	2043	2049	2057	rVB2	214445	354020	89.52%	9.261%
43	14.945	2058	2061	2064	rBV4	9093	11776	2.98%	0.308%
44	15.080	2080	2084	2093	rBV8	9908	20896	5.28%	0.547%
45	15.479	2148	2152	2156	rBV4	17745	27338	6.91%	0.715%
46	15.656	2175	2182	2184	rBV6	15983	32706	8.27%	0.856%
47	16.349	2296	2300	2309	rVB2	110291	159580	40.35%	4.175%
48	16.566	2333	2337	2349	rVB2	48781	95264	24.09%	2.492%
49	17.383	2473	2476	2481	rVB4	17941	27108	6.86%	0.709%
50	17.606	2509	2514	2522	rVB2	230121	348732	88.19%	9.123%
51	19.374	2813	2815	2819	rVB4	9024	11403	2.88%	0.298%
52	20.003	2919	2922	2927	rVB7	9234	13259	3.35%	0.347%
53	20.185	2948	2953	2959	rVB	244374	313150	79.19%	8.192%
54	21.888	3236	3243	3251	rVB	225068	387828	98.07%	10.146%
55	25.260	3807	3817	3831	rVB2	137804	395443	100.00%	10.345%

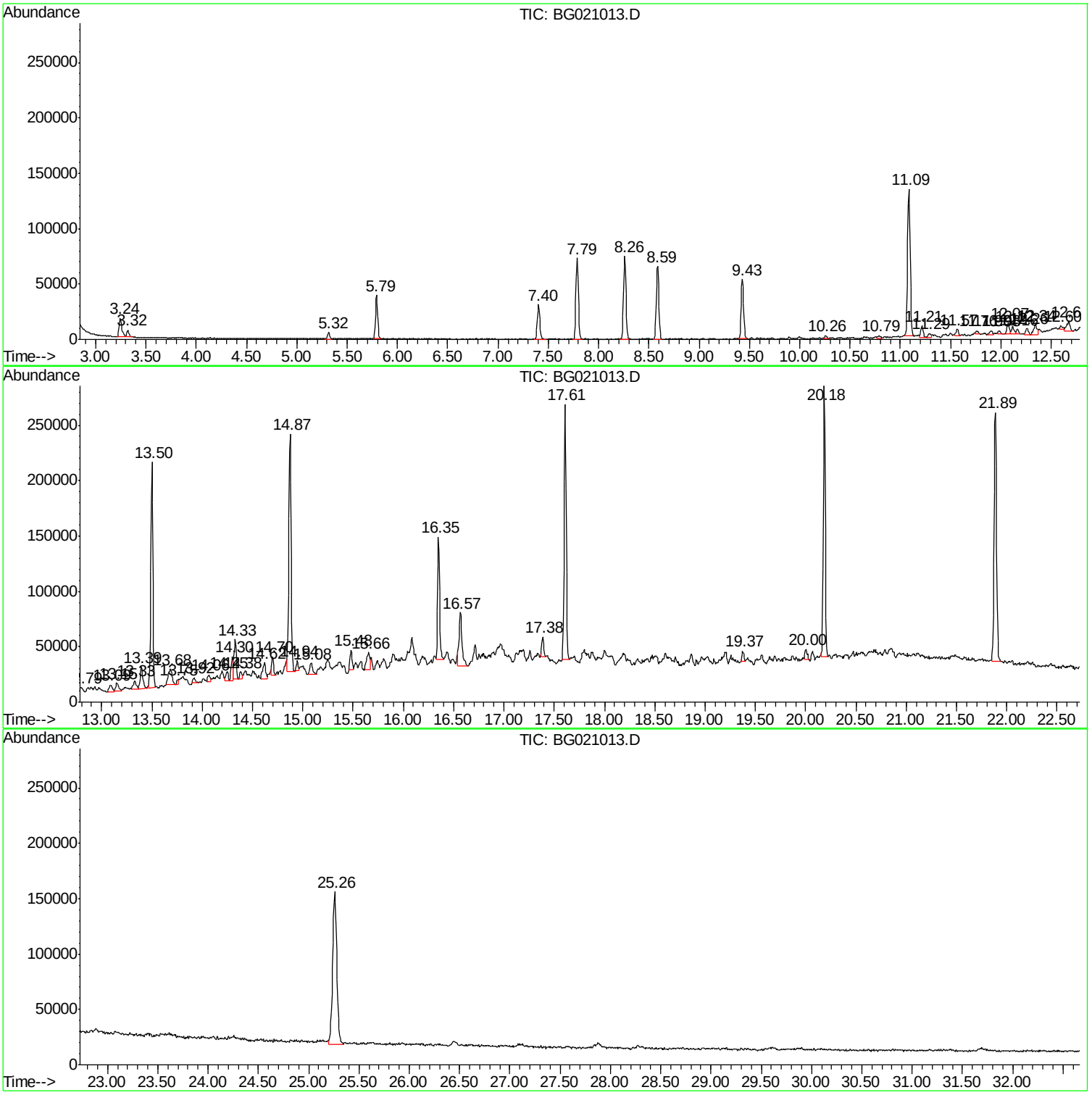
Sum of corrected areas: 3822524

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021013.D
Acq On : 20 Feb 2016 17:52
Operator : SJ/UM
Sample : H1453-22 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EGR-B-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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\BG021916\
Data File : BG021013.D
Acq On : 20 Feb 2016 17:52
Operator : SJ/UM
Sample : H1453-22 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

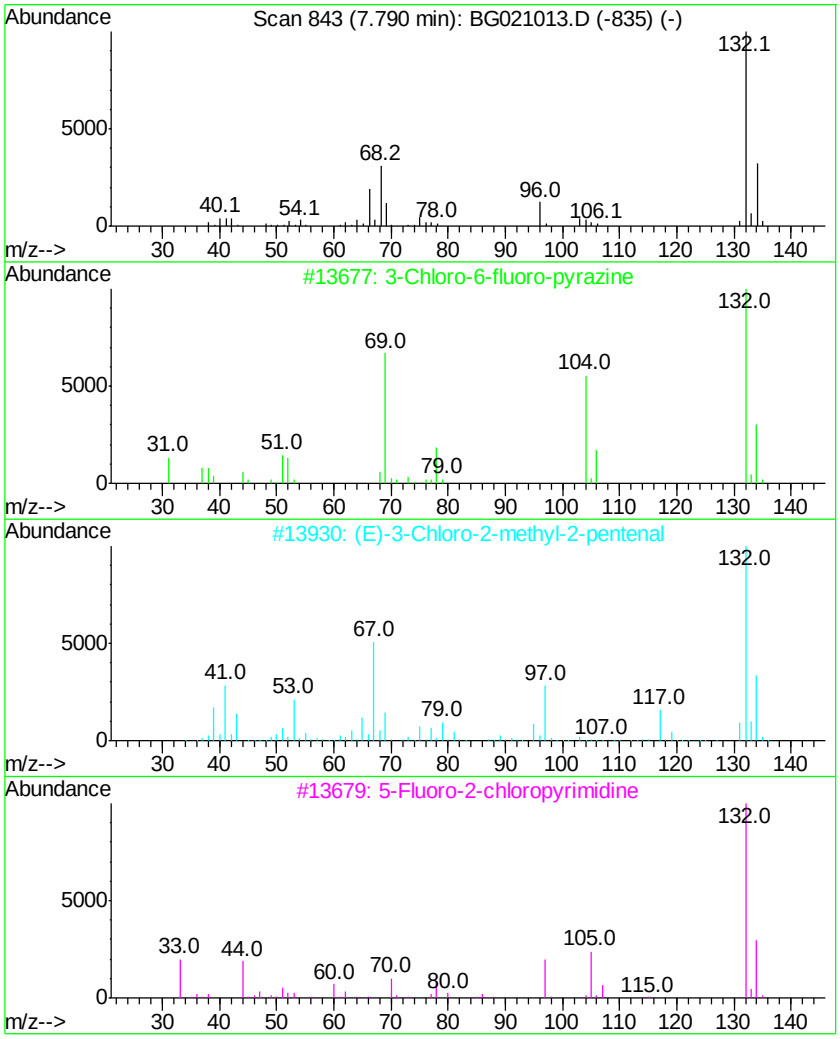
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

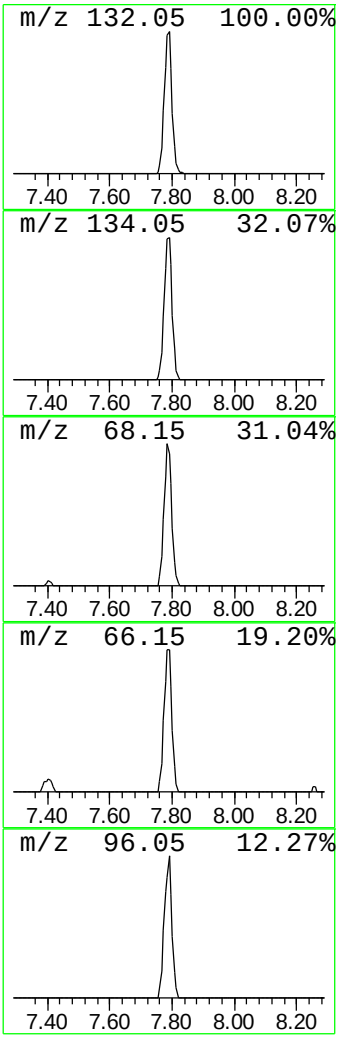
****

Peak Number 2 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	20.24 ng	125140	1,4-Dichlorobenzene-d4	8.26

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	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Data File : BG021013.D
Acq On : 20 Feb 2016 17:52
Operator : SJ/UM
Sample : H1453-22 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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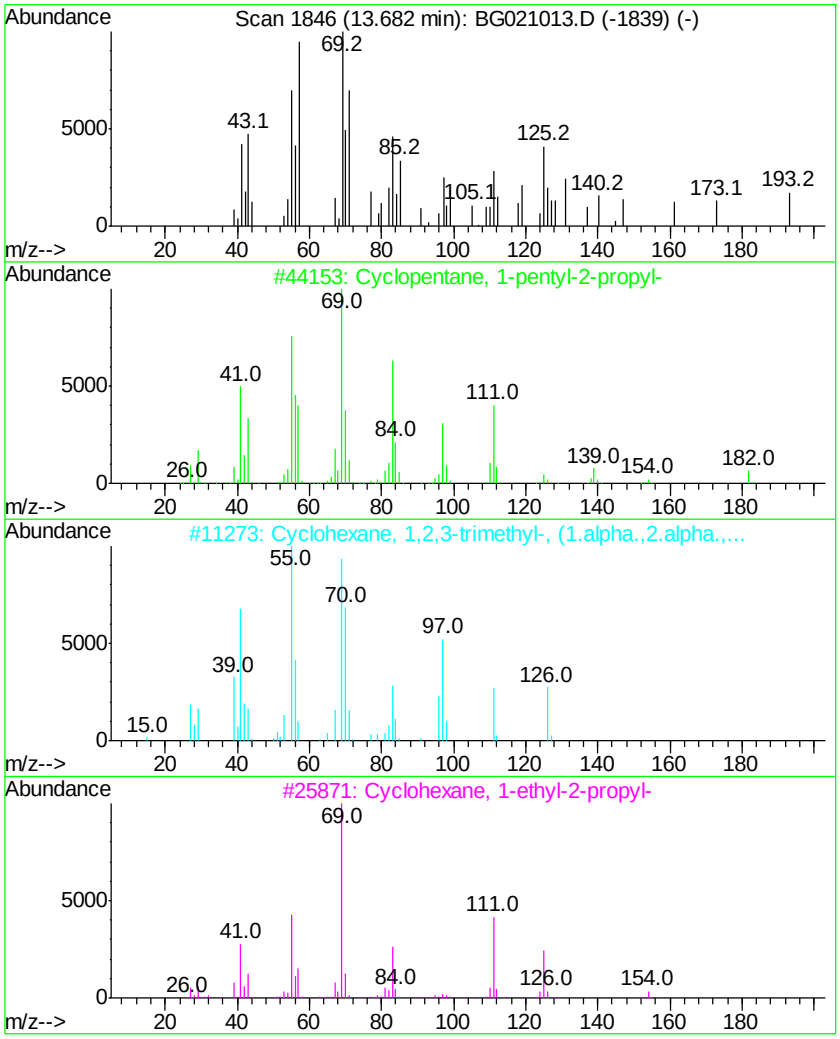
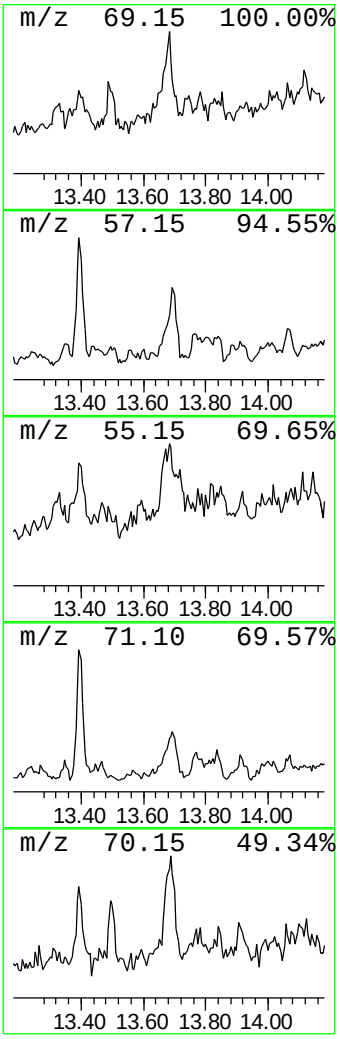
Peak Number 4 unknown13.68 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.07 ng	36691	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	43
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	38
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	35
4	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	35
5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Sample : H1453-22 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

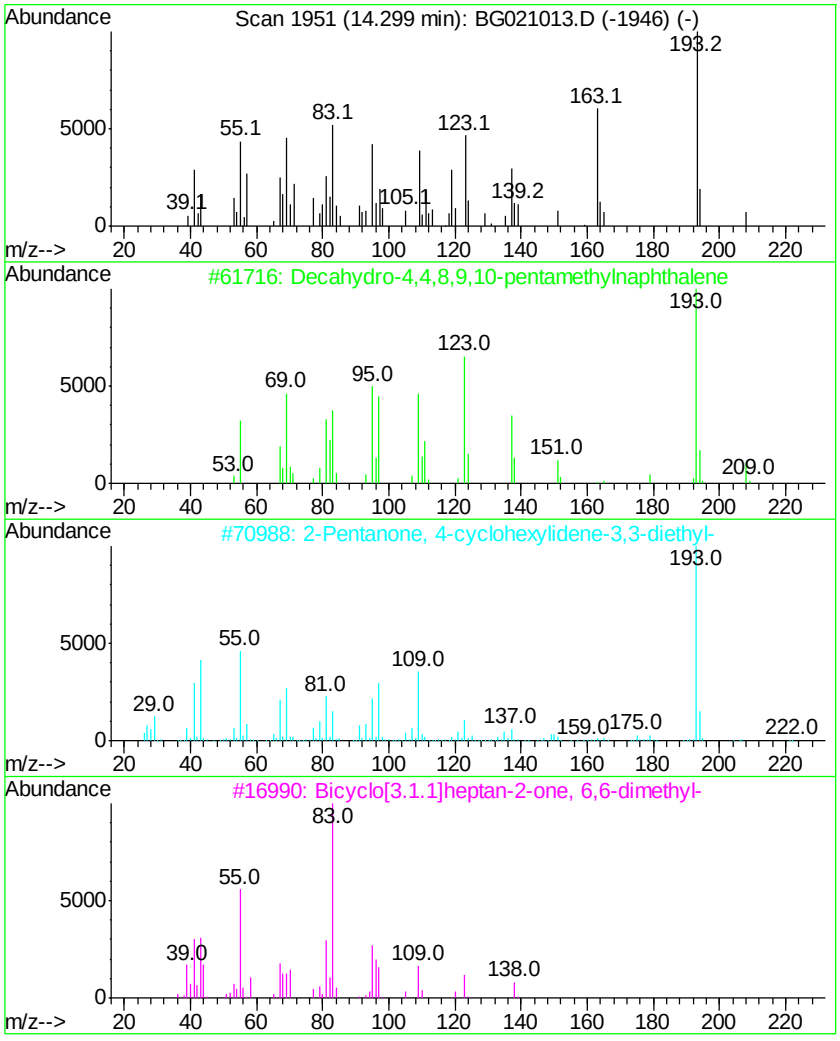
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

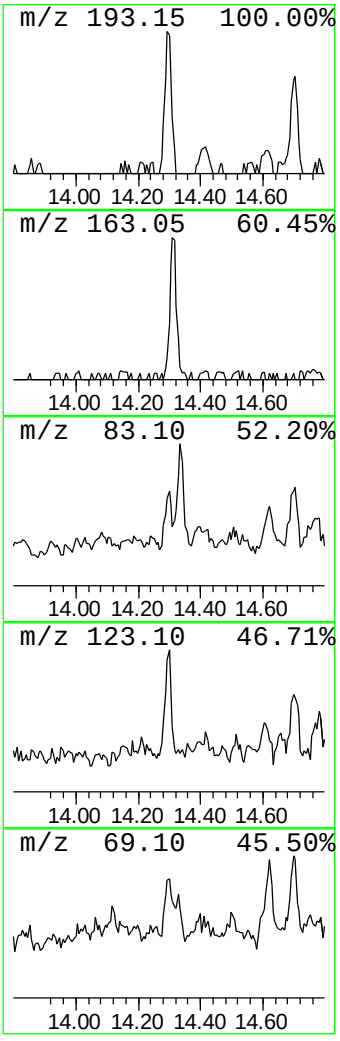
****

Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.04 ng	36028	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	78
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	32
3	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	15
4	Iminostilbene	193	C14H11N	000256-96-2	14
5	1,1-Dimethyl-4a-hydroxymethyldec...	212	C13H24O2	1000196-01-9	14





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Misc :
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Instrument : BNA_G
ClientSampleId : EGR-B-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

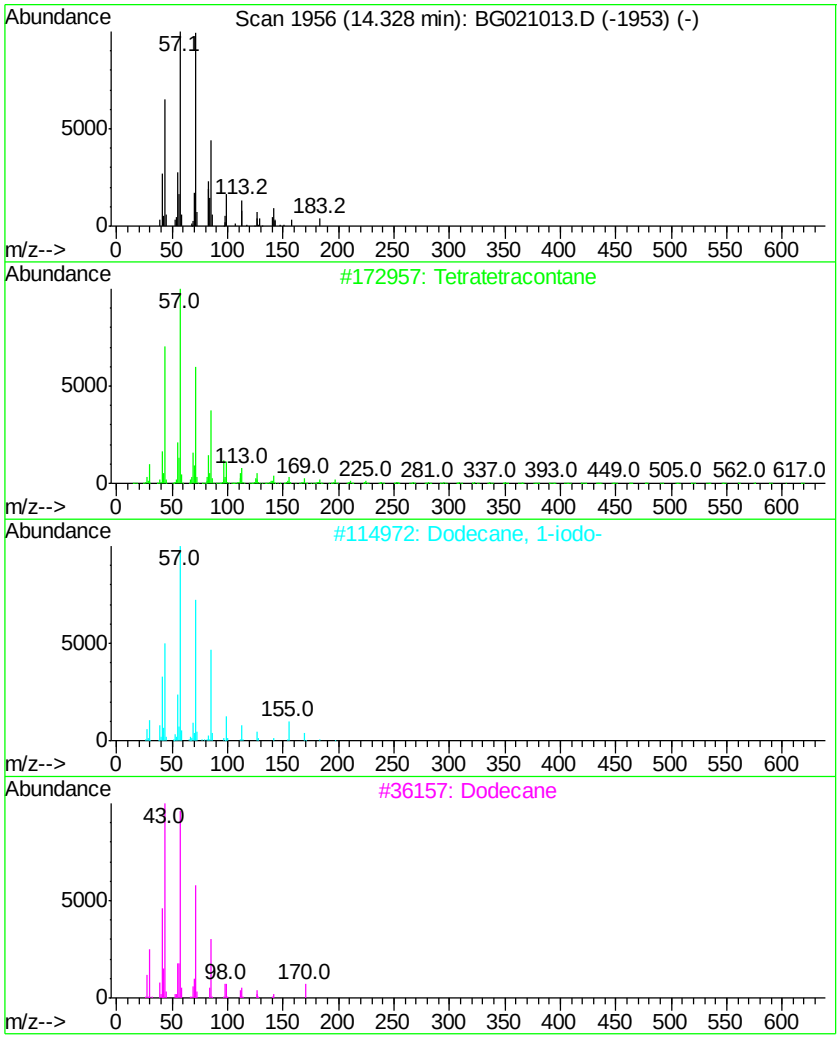
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

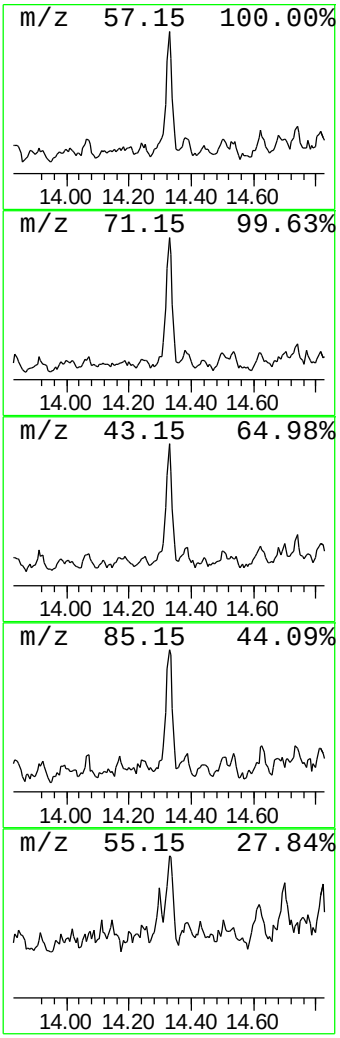
****

Peak Number 6 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.90 ng	51387	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3	Dodecane	170	C12H26	000112-40-3	64
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	59
5	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	53





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Misc :
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Instrument : BNA_G
ClientSampleId : EGR-B-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

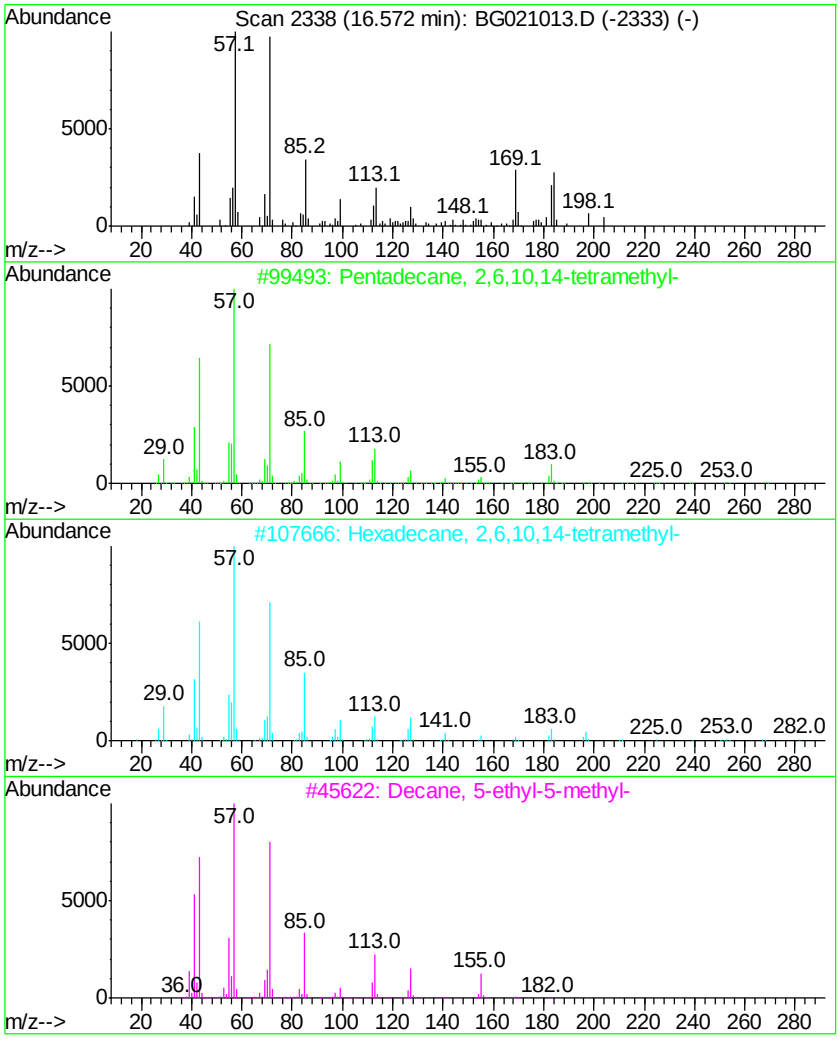
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

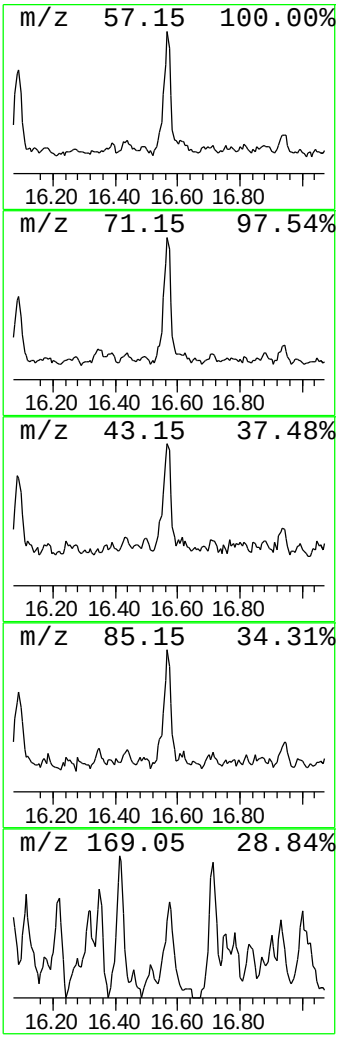
****

Peak Number 7 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	5.46 ng	95264	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
3	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	59
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47
5	Dodecane	170	C12H26	000112-40-3	47





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
unknown7.79	7.79	20.2	ng	125140	1	8.26	123679	20.0
unknown13.68	13.68	2.1	ng	36691	3	14.87	354020	20.0
Decahydro-4,4,8,9...	14.30	2.0	ng	36028	3	14.87	354020	20.0
Tetratetracontane	14.33	2.9	ng	51387	3	14.87	354020	20.0
Pentadecane, 2,6,...	16.57	5.5	ng	95264	4	17.61	348732	20.0