LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

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-BG032017.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	5.139	344	349	363	rBV	151849	251002	2.33%	0.503%
2	5.615	422	430	439	rBV	693984	1134465	10.53%	2.275%
3	7.201	693	700	709	rBV	406954	755738	7.01%	1.516%
4	7.577	756	764	778	rBV	1284699	2285033	21.21%	4.583%
5	7.841	799	809	822	rBV4	37111	137922	1.28%	0.277%
6	8.041	836	843	853	rBV	514443	861330	7.99%	1.727%
7	8.364	890	898	907	rBV	2027868	3517479	32.65%	7.054%
8	9.199	1033	1040	1055	rVB	1368954	2509196	23.29%	5.032%
9	10.244	1211	1218	1225	rVB3	64227	136794	1.27%	0.274%
10	10.368	1226	1239	1246	rBV4	98992	321272	2.98%	0.644%
11	10.579	1265	1275	1279	rBV6	86880	244602	2.27%	0.491%
12	10.685	1286	1293	1299	rVV2	181758	390804	3.63%	0.784%
13	10.744	1299	1303	1312	rVV7	75154	194862	1.81%	0.391%
14	10.838	1312	1319	1334	rVB	994980	1982466	18.40%	3.976%
15	11.073	1349	1359	1366	rBV2	426225	1108062	10.28%	2.222%
16	11.149	1368	1372	1382	rVB2	103681	198763	1.84%	0.399%
17	11.296	1391	1397	1408	rVB7	91827	290885	2.70%	0.583%
18	11.496	1427	1431	1442	rVB8	62094	149171	1.38%	0.299%
19	11.678	1455	1462	1463	rVV3	119218	202224	1.88%	0.406%
20	11.707	1463	1467	1472	rVV	166807	334634	3.11%	0.671%
21	11.772	1473	1478	1482	rVV4	58120	124923	1.16%	0.251%
22	11.819	1482	1486	1493	rVB3	84094	134517	1.25%	0.270%
23	12.025	1515	1521	1526	rBV2	120009	204029	1.89%	0.409%
24	12.377	1575	1581	1589	rVB2	92165	167230	1.55%	0.335%
25	12.489	1595	1600	1605	rVB	66878	127120	1.18%	0.255%
26	12.736	1638	1642	1647	rVB2	100587	163173	1.51%	0.327%
27	13.276	1726	1734	1745	rBV	4369663	6956124	64.56%	13.951%
28	13.593	1783	1788	1793	rVB2	104035	164350	1.53%	0.330%
29	13.817	1820	1826	1828	rBV3	62468	114310	1.06%	0.229%
30	13.970	1840	1852	1857	rBV4	102636	293594	2.73%	0.589%
31	14.022	1857	1861	1867	rVB3	99220	168477	1.56%	0.338%
32	14.645	1961	1967	1974	rVB2	989980	1607437	14.92%	3.224%
33	14.857	1998	2003	2010	rVB6	54033	124330	1.15%	0.249%
34	15.039	2031	2034	2042	rVB3	59089	109622	1.02%	0.220%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

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-BG032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.256	2067	2071	2077	rBV4	50821	117152	1.09%	0.235%
36	15.480	2105	2109	2114	rVB3	124441	170325	1.58%	0.342%
37	15.832	2162	2169	2176	rBV2	73039	194521	1.81%	0.390%
38	16.126	2211	2219	2228	rBV	1632259	2575945	23.91%	5.166%
39	16.337	2250	2255	2257	rBV	114171	147452	1.37%	0.296%
40	16.737	2319	2323	2328	rBV2	75076	110366	1.02%	0.221%
41	17.125	2385	2389	2393	rBV	117126	150976	1.40%	0.303%
42	17.377	2426	2432	2438	rBV2	1338997	1999848	18.56%	4.011%
43	18.253	2577	2581	2587	rBV	135602	208425	1.93%	0.418%
44	19.522	2793	2797	2804	rBV2	90594	165406	1.54%	0.332%
45	19.980	2868	2875	2881	rBV	7725867	10773945	100.00%	21.608%
46	21.625	3148	3155	3170	rVB	1672981	2814762	26.13%	5.645%
47	24.798	3683	3695	3710	rBV2	1046114	2966934	27.54%	5.950%

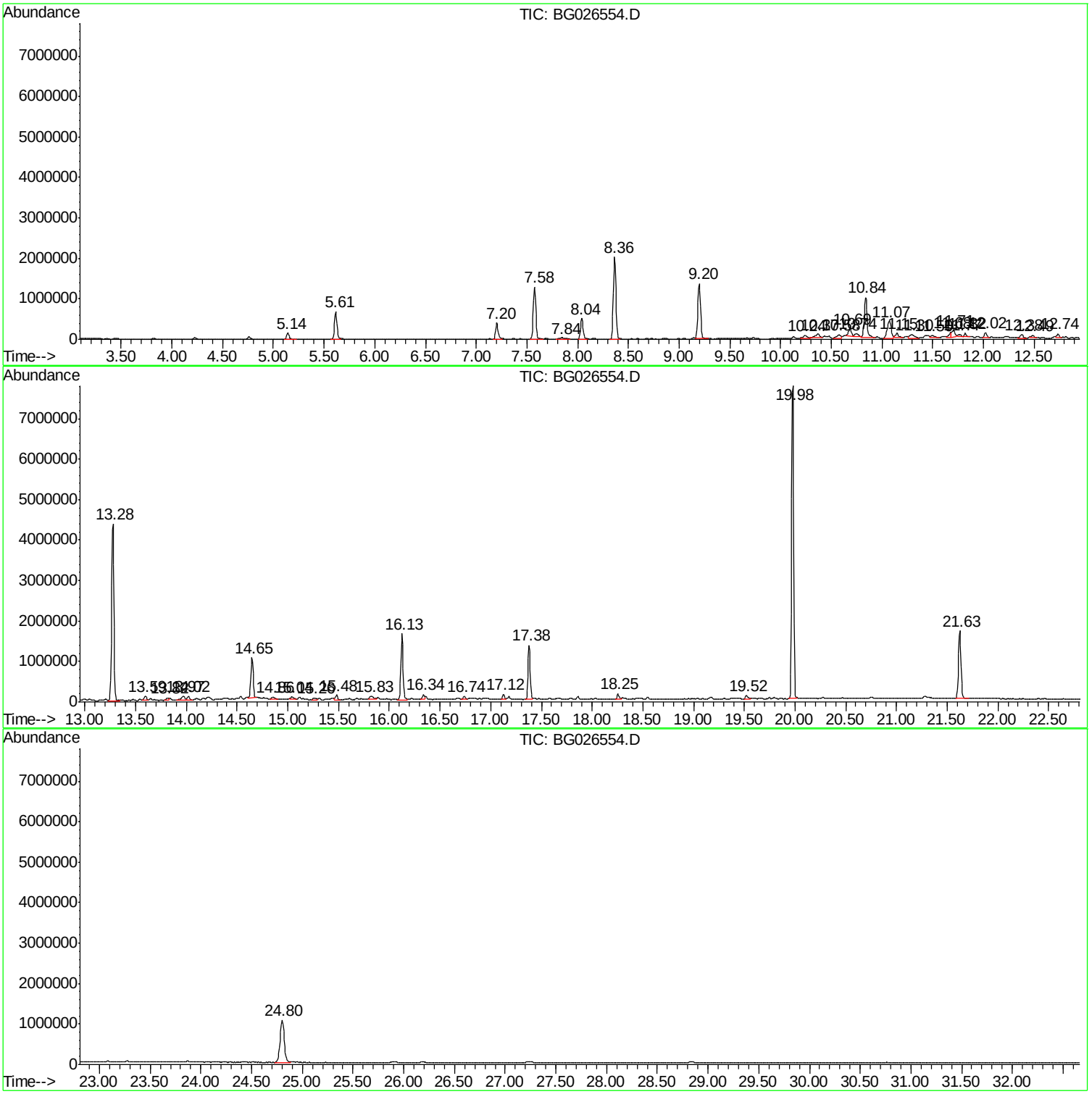
Sum of corrected areas: 49861997

Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

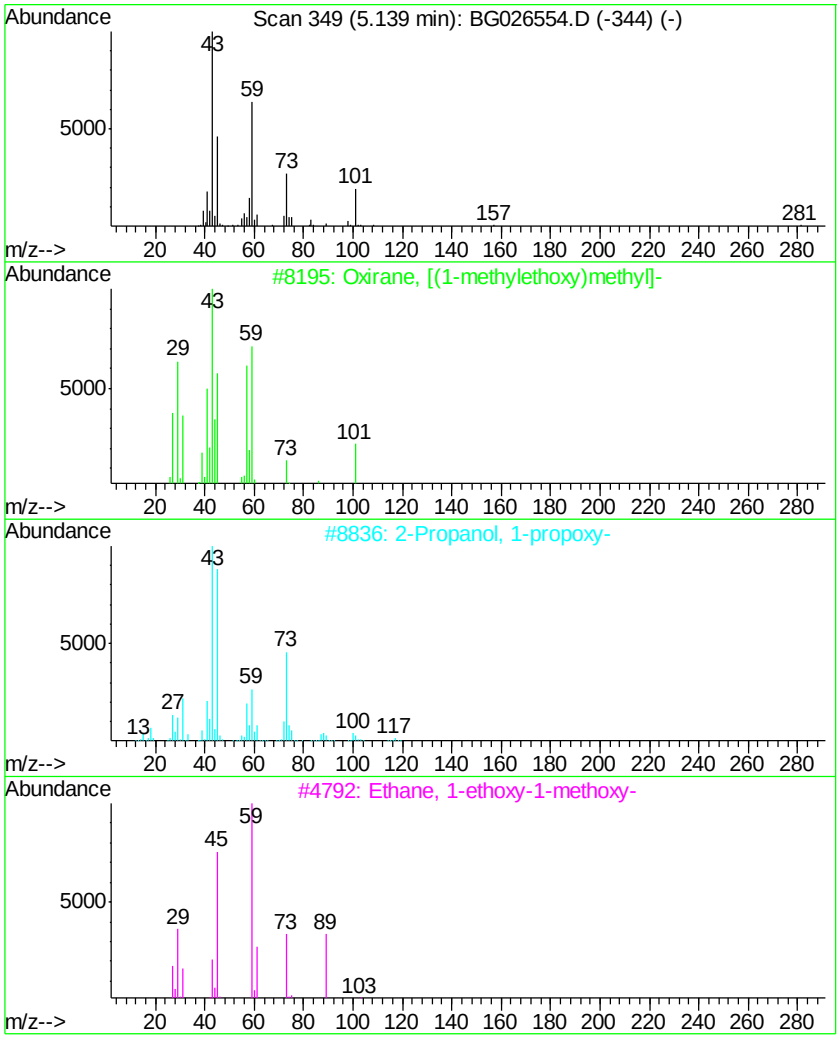
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

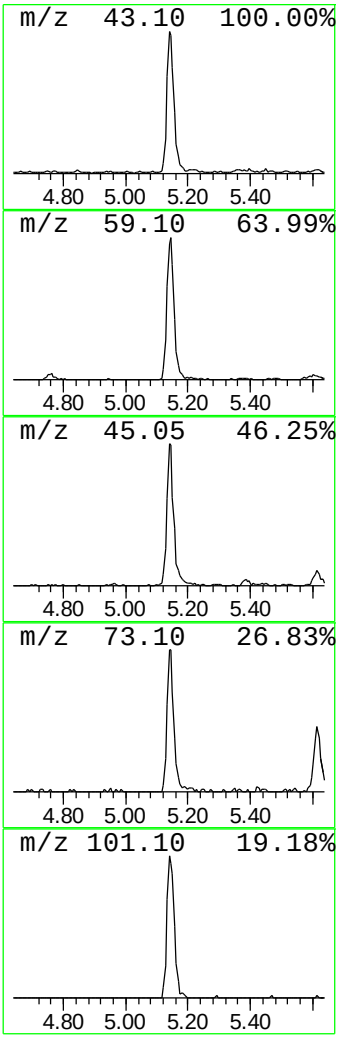
****

Peak Number 1 Oxirane, [(1-methylethoxy)m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	5.83 ng	251002	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	56
2	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	43
3	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	38
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	38
5	1-Propanol, 3-[3-(1-methylethoxy...	176	C9H20O3	054518-03-5	32





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

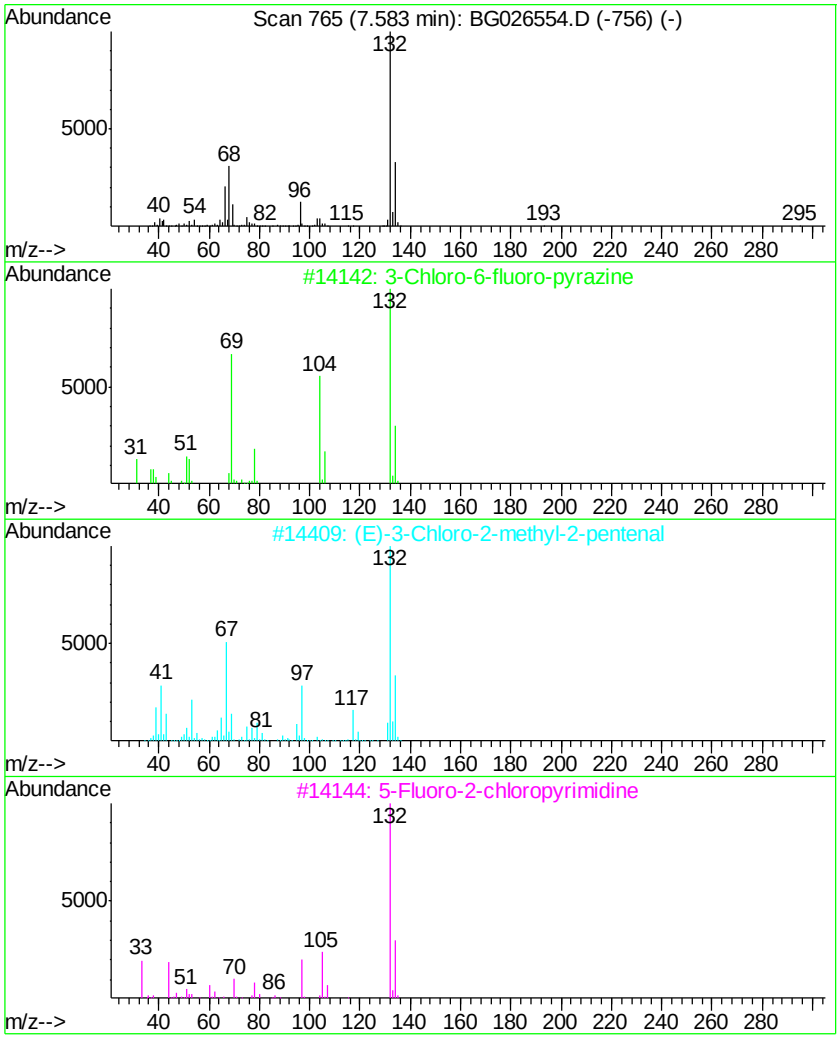
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

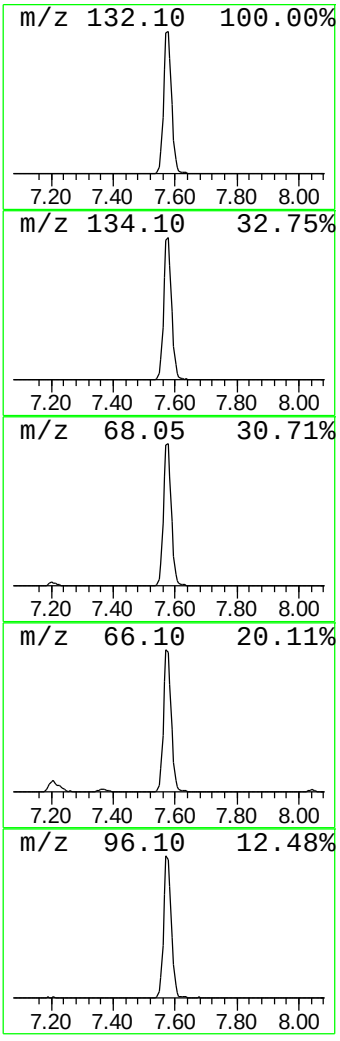
****

Peak Number 2 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	53.06 ng	2285030	1,4-Dichlorobenzene-d4	8.04

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	35
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

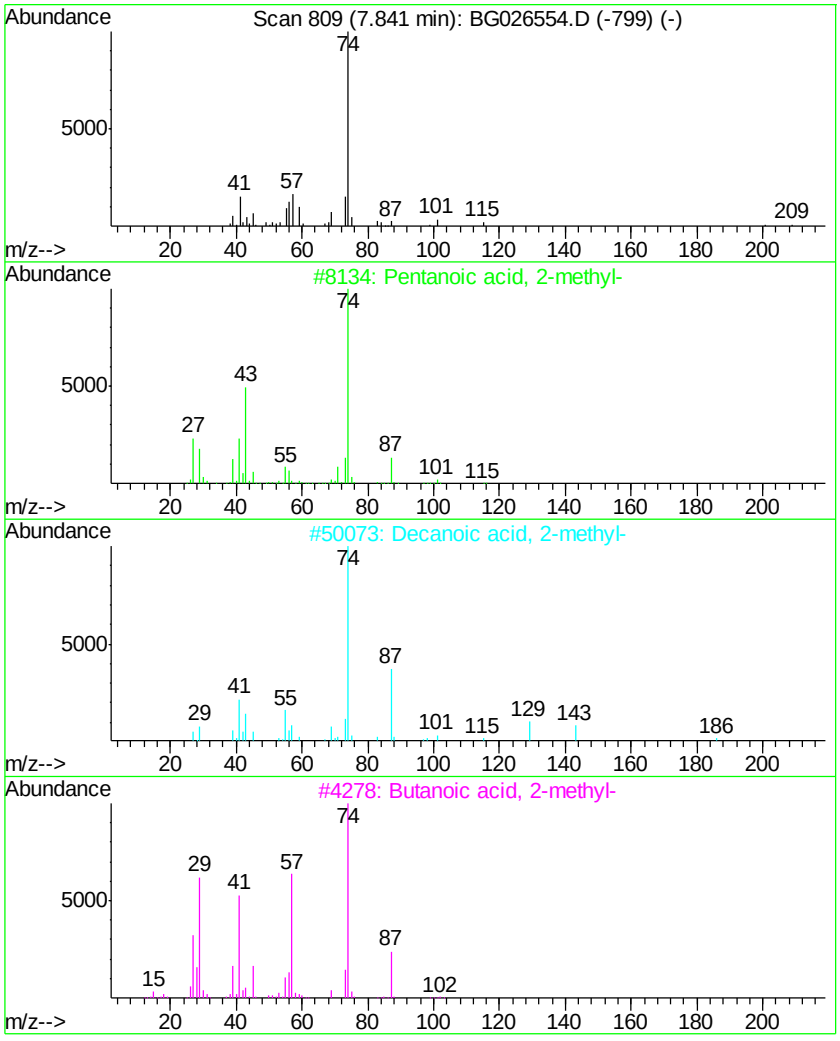
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

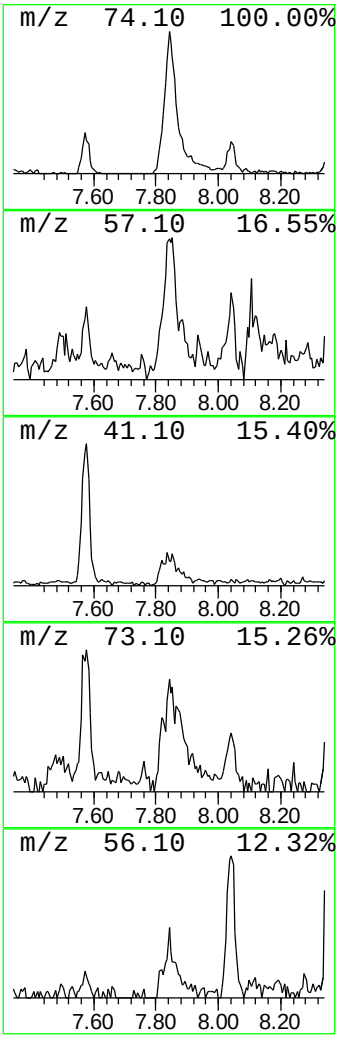
****

Peak Number 3 Pentanoic acid, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.20 ng	137922	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	50
2	Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	39
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	38
4	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	38
5	Heptanoic acid, 7-bromo-, methyl...	222	C8H15BrO2	054049-24-0	38





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

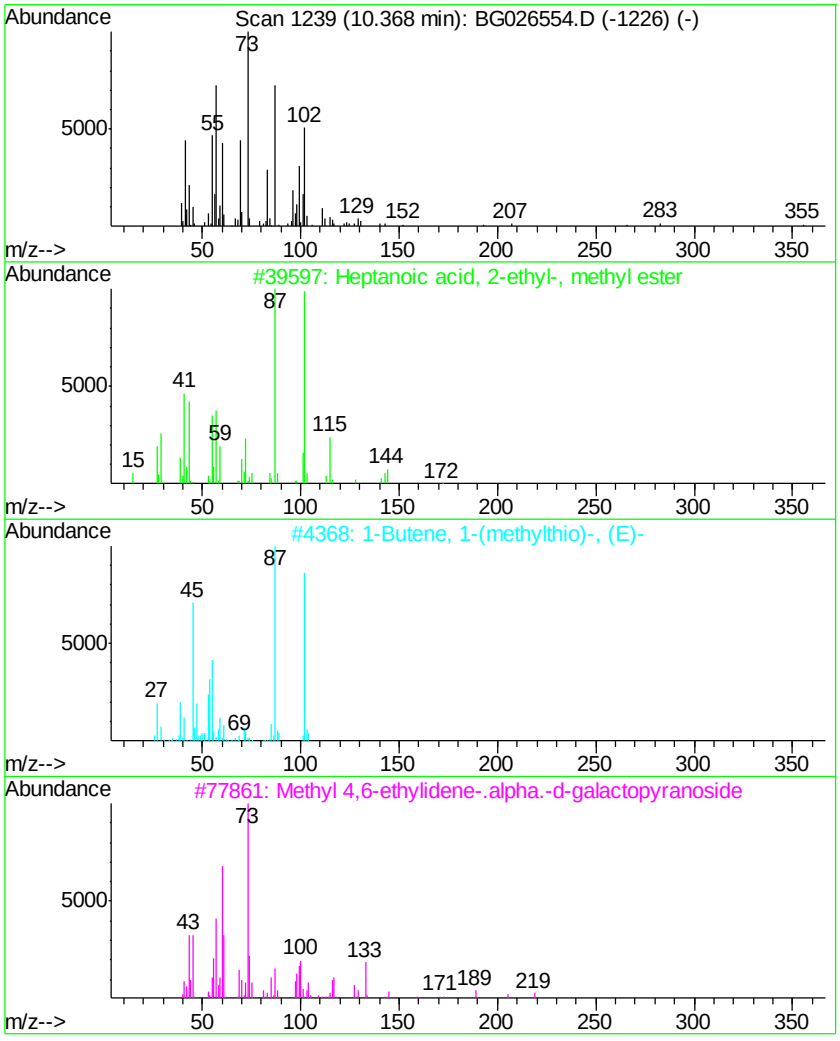
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

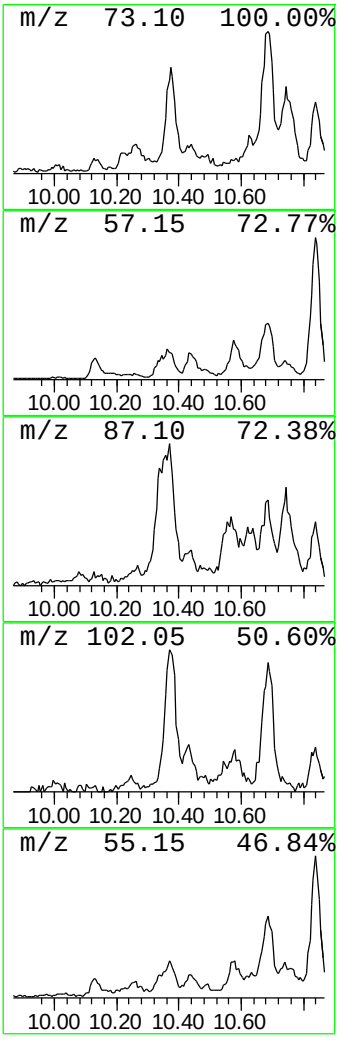
****

Peak Number 5 unknown10.37 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	3.24 ng	321272	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, 2-ethyl-, methyl...	172	C10H20O2	000816-63-7	27
2	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	22
3	Methyl 4,6-ethylidene-.alpha.-d-...	220	C9H16O6	1000102-53-5	16
4	Aziridine-2-carbothioamide	102	C3H6N2S	1000189-98-7	14
5	1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	12





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

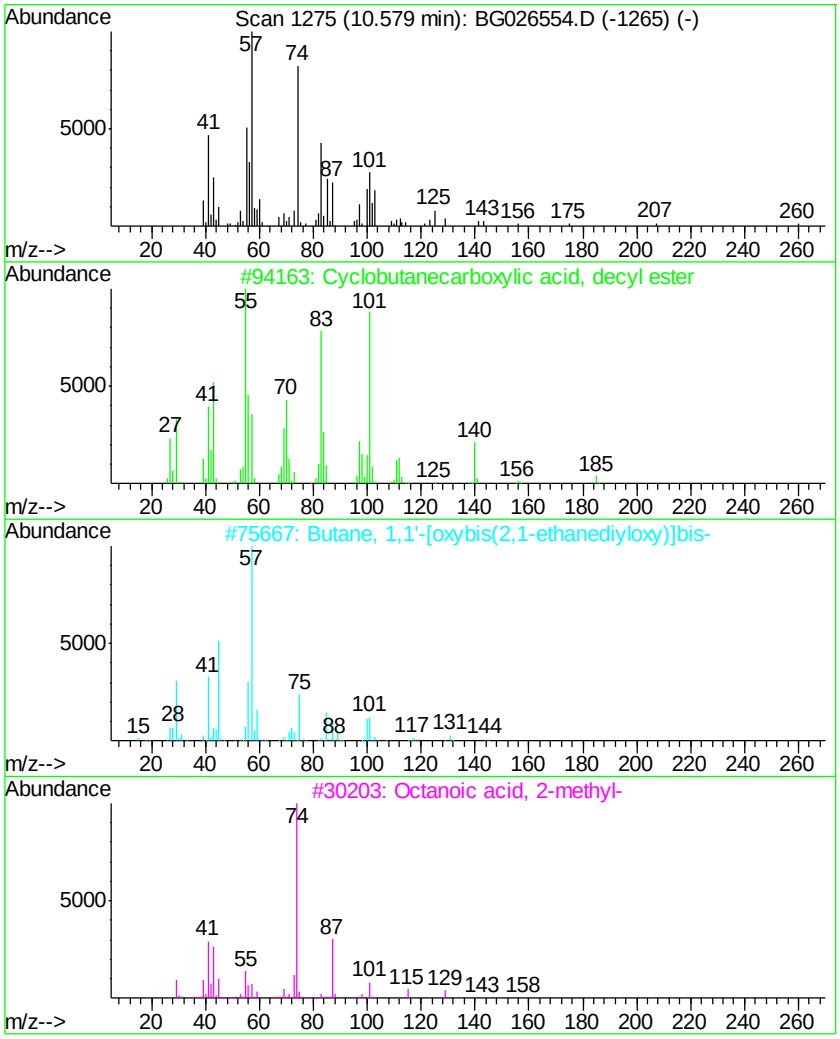
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

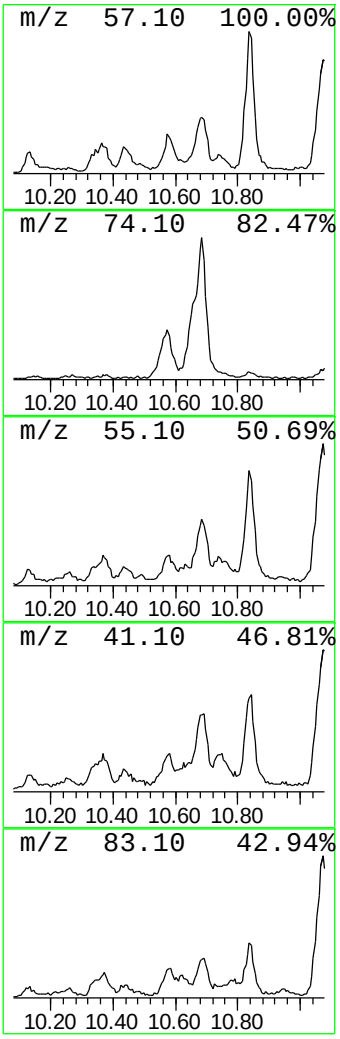
****

Peak Number 6 unknown10.58 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.47 ng	244602	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanecarboxylic acid, decy...	240	C15H28O2	1000280-40-6	22
2	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	22
3	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	16
4	2-(3-Chlorophenoxy)thioacetamide	201	C8H8ClNOS	035370-95-7	16
5	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	14





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

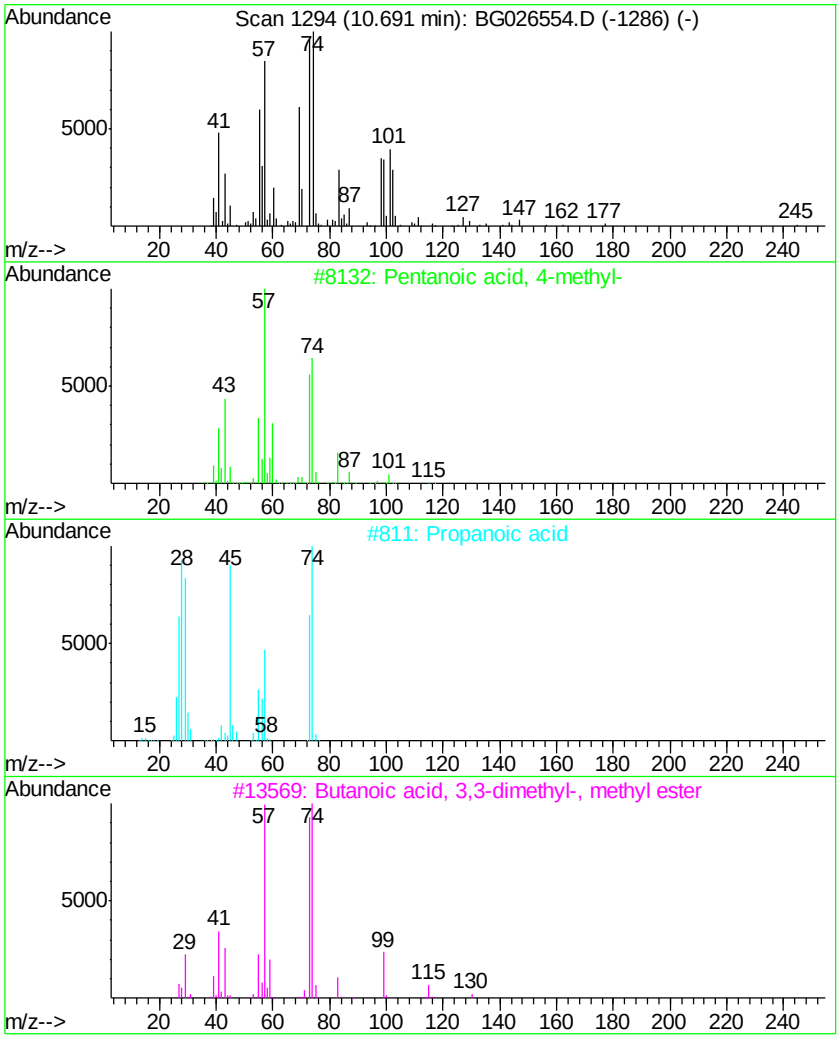
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

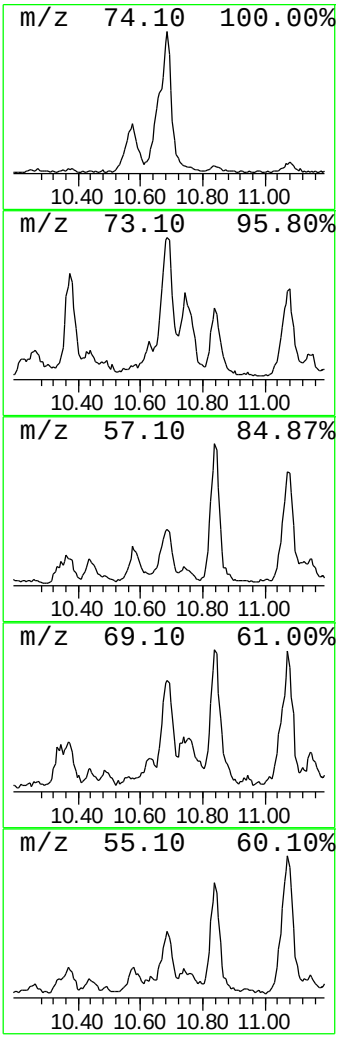
****

Peak Number 7 unknown10.69 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	3.94 ng	390804	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	38
2	Propanoic acid	74	C3H6O2	000079-09-4	35
3	Butanoic acid, 3,3-dimethyl-, me...	130	C7H14O2	010250-48-3	25
4	1,2,3,4-Tridecanetetrol, [2R-(2R...	248	C13H28O4	136953-03-2	25
5	4-Methyloctanoic acid	158	C9H18O2	054947-74-9	12





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

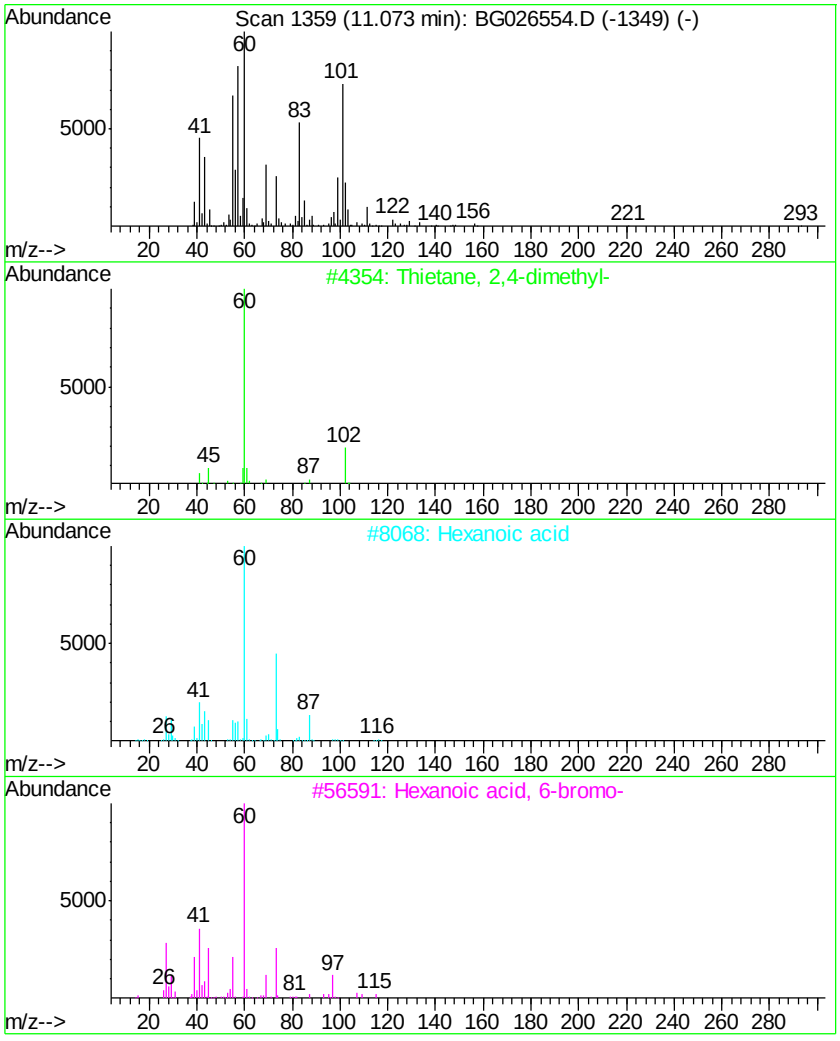
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

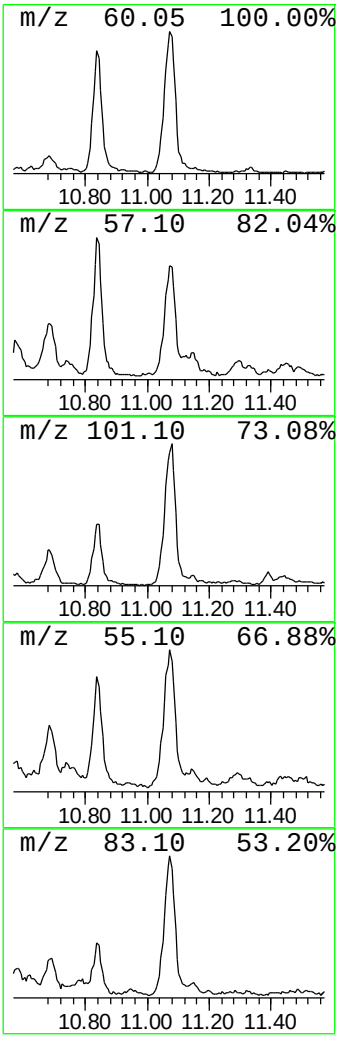
****

Peak Number 8 unknown11.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	11.18 ng	1108060	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	30
2	Hexanoic acid	116	C6H12O2	000142-62-1	27
3	Hexanoic acid, 6-bromo-	194	C6H11BrO2	004224-70-8	22
4	Carbonic acid, isobutyl cyclohex...	200	C11H20O3	1000357-82-7	14
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	14





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

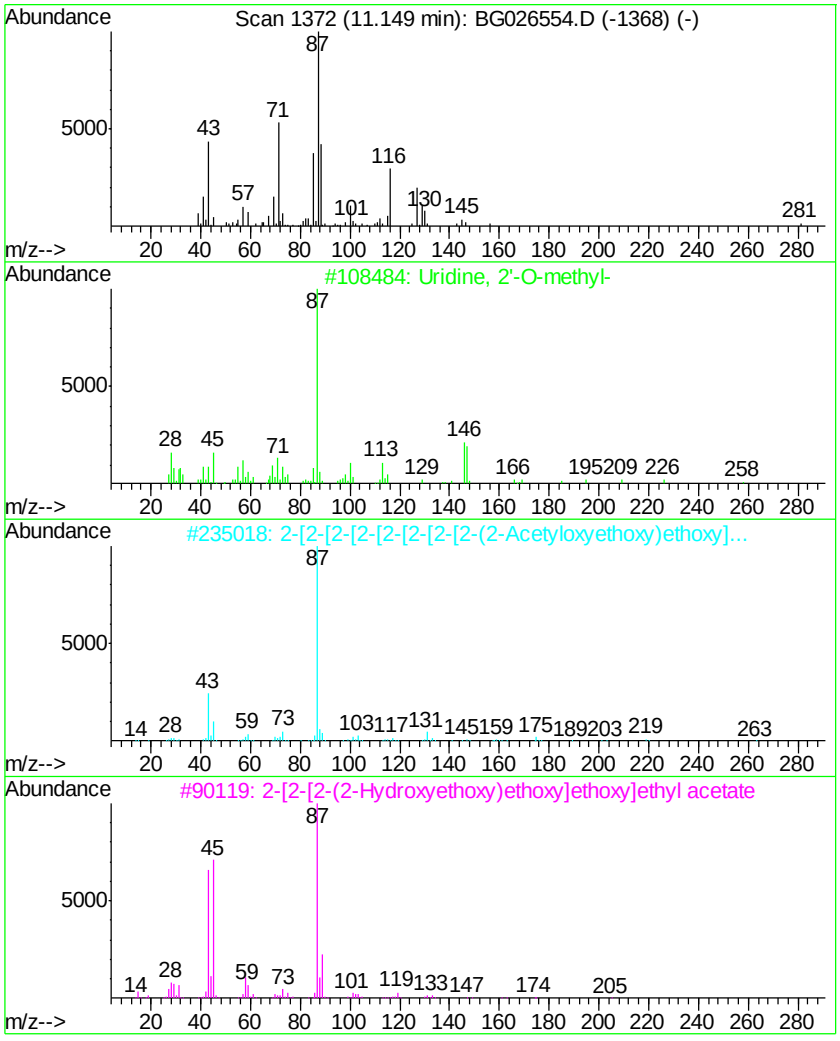
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

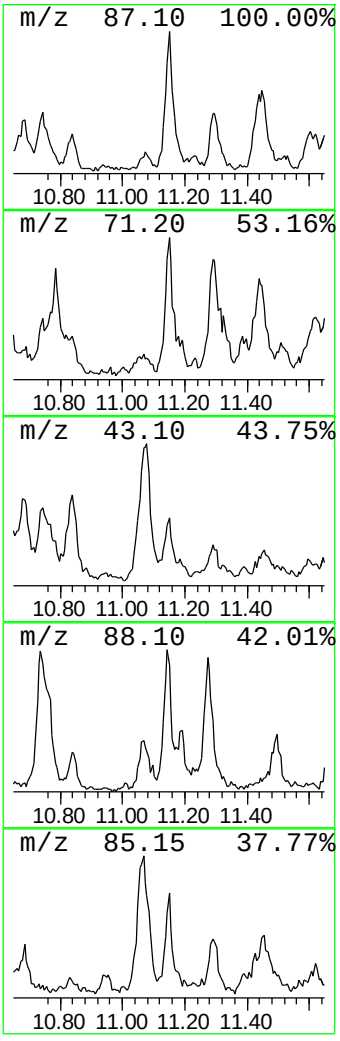
****

Peak Number 9 unknown11.15 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.01 ng	198763	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Uridine, 2'-O-methyl-	258	C10H14N2O6	002140-76-3	25
2	2-[2-[2-[2-[2-[2-[2-(2-Acetyl...	498	C22H42O12	1000351-90-5	22
3	2-[2-[2-(2-Hydroxyethoxy)ethoxyl...	236	C10H20O6	1000351-92-5	22
4	2-[2-[2-[2-[2-[2-(2-Acetyloxy...	454	C20H38O11	1000351-90-6	22
5	D-Fructose, 3-O-methyl-	194	C7H14O6	036256-85-6	17





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

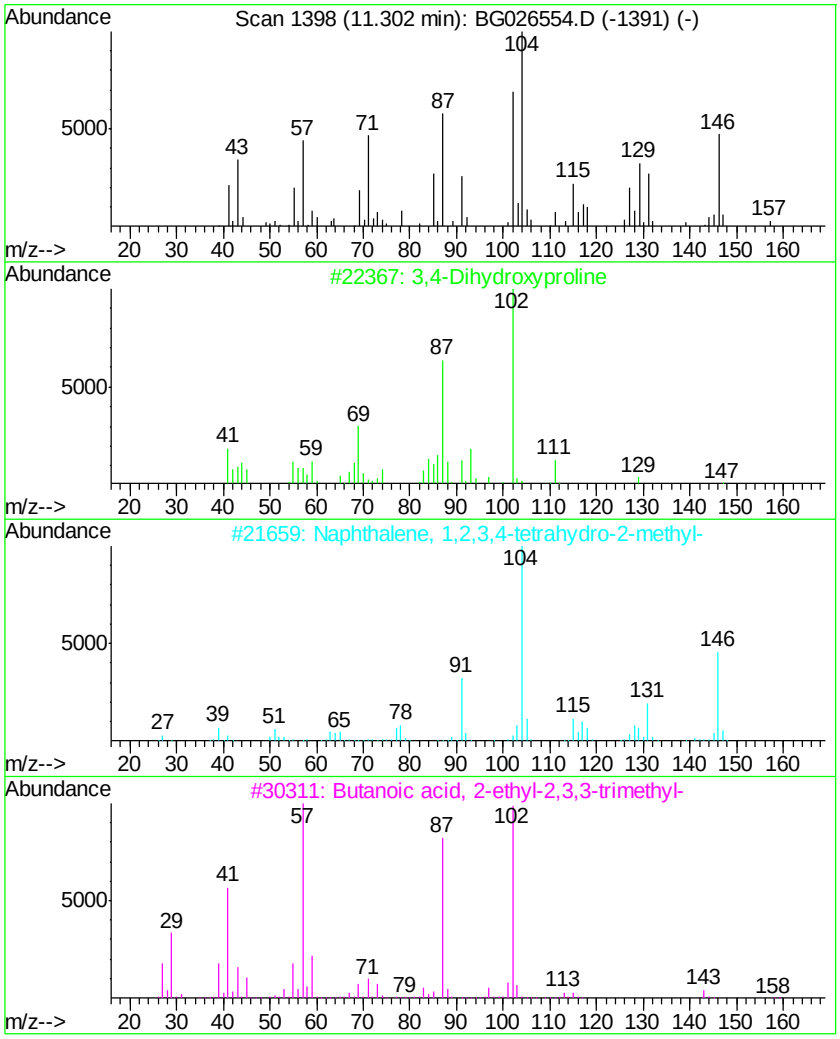
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

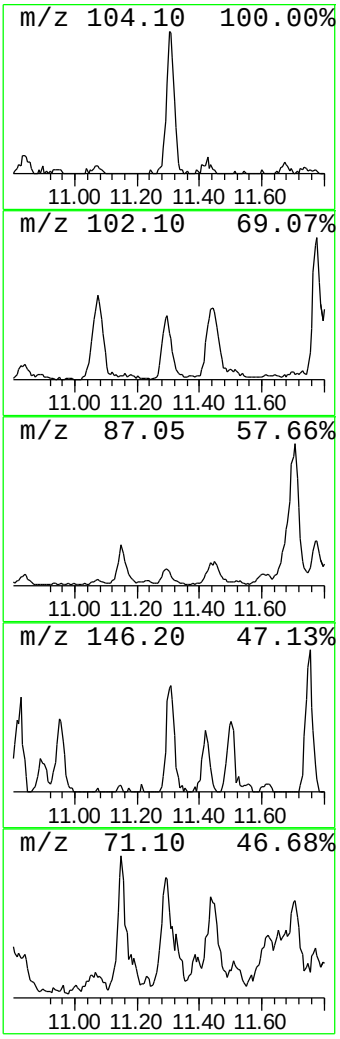
****

Peak Number 10 unknown11.30 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.93 ng	290885	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydroxyproline	147	C5H9NO4	1000132-90-7	27
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	25
3	Butanoic acid, 2-ethyl-2,3,3-tri...	158	C9H18O2	038541-67-2	16
4	Butanoic acid, 2,3-dimethyl-, et...	144	C8H16O2	054004-42-1	16
5	5-Hydroxy-2,2-dimethylhexan-3-one	144	C8H16O2	173343-33-4	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

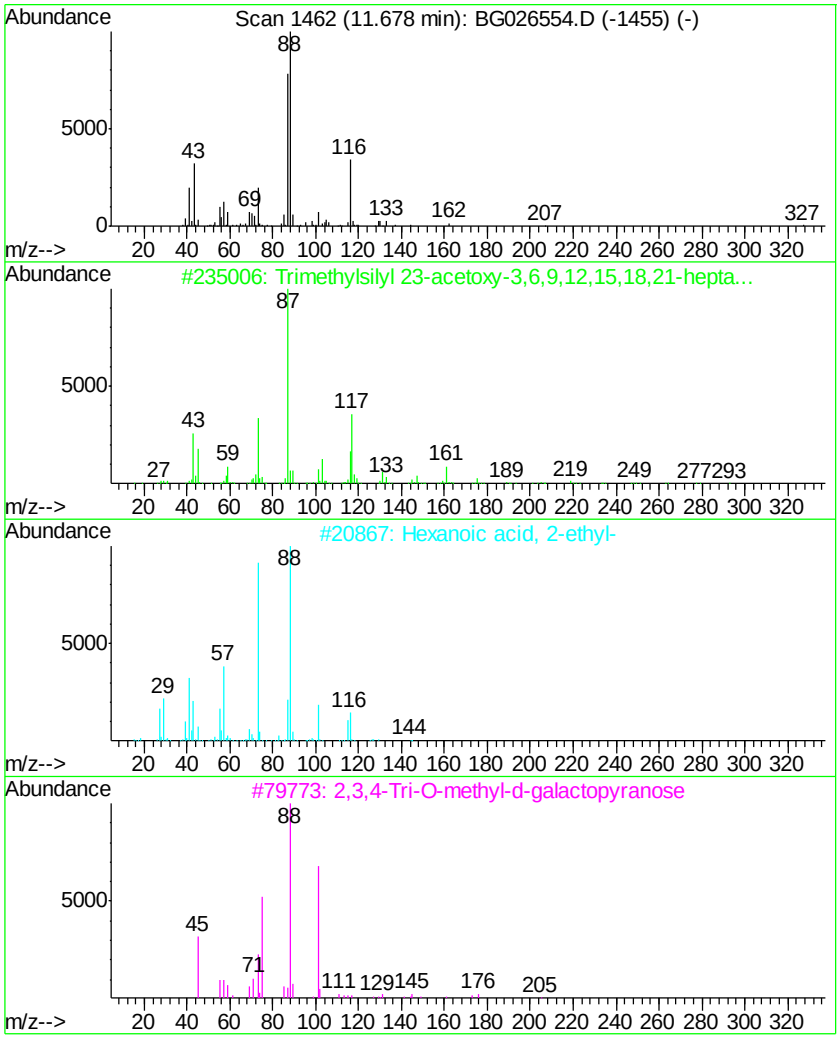
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

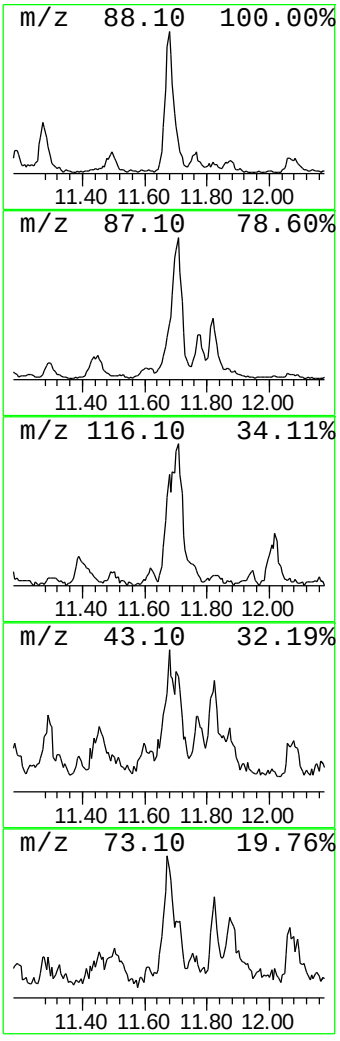
****

Peak Number 11 unknown11.68 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.04 ng	202224	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethylsilyl 23-acetoxy-3,6,9,...	498	C21H42O11Si	1000366-84-4	37
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	32
3	2,3,4-Tri-O-methyl-d-galactopyra...	222	C9H18O6	001136-20-5	32
4	Methyl(methyl-4-deoxy-2-O-methyl...	218	C9H14O6	052545-23-0	32
5	Methyl 2,6-dimethyltridecanoate	256	C16H32O2	073105-76-7	25





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

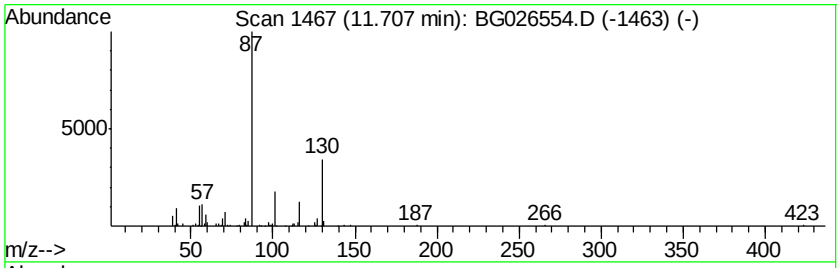
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

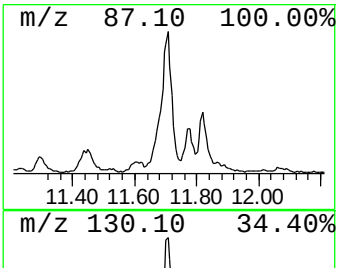
****

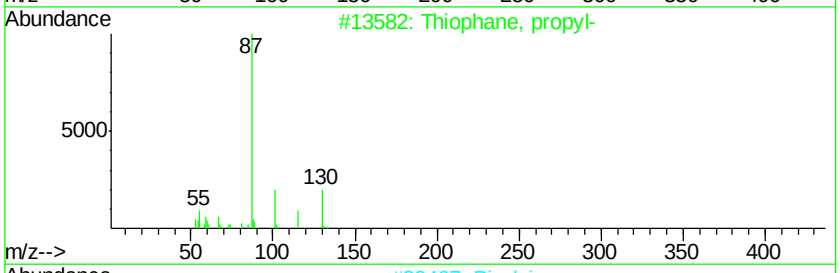
Peak Number 12 Thiophane, propyl- Concentration Rank 7

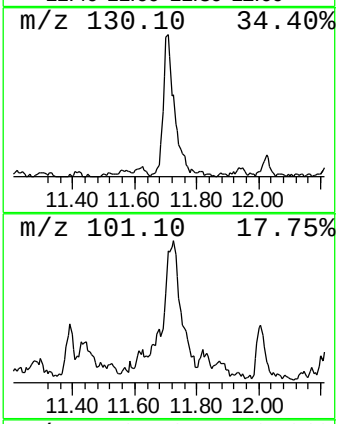
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	3.38 ng	334634	Naphthalene-d8	10.84

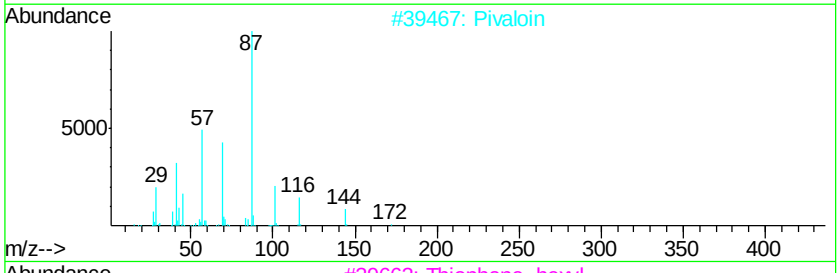
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophane, propyl-	130	C7H14S	001551-34-4	64
2	Pivaloin	172	C10H20O2	000815-66-7	45
3	Thiophane, hexyl-	172	C10H20S	000876-37-9	40
4	1,3-Dioxane, 2-pentadecyl-	298	C19H38O2	017352-27-1	33
5	1,1-diethyl-2-methyl-1-sila-3-th...	174	C8H18SSi	059405-96-8	25

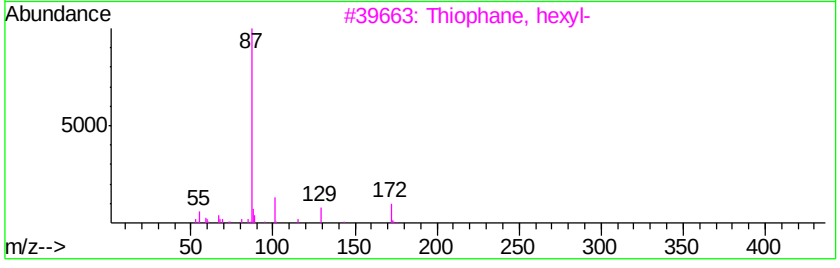


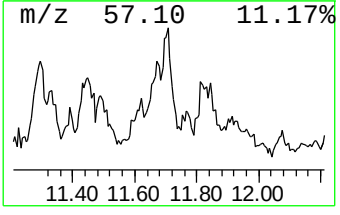












Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

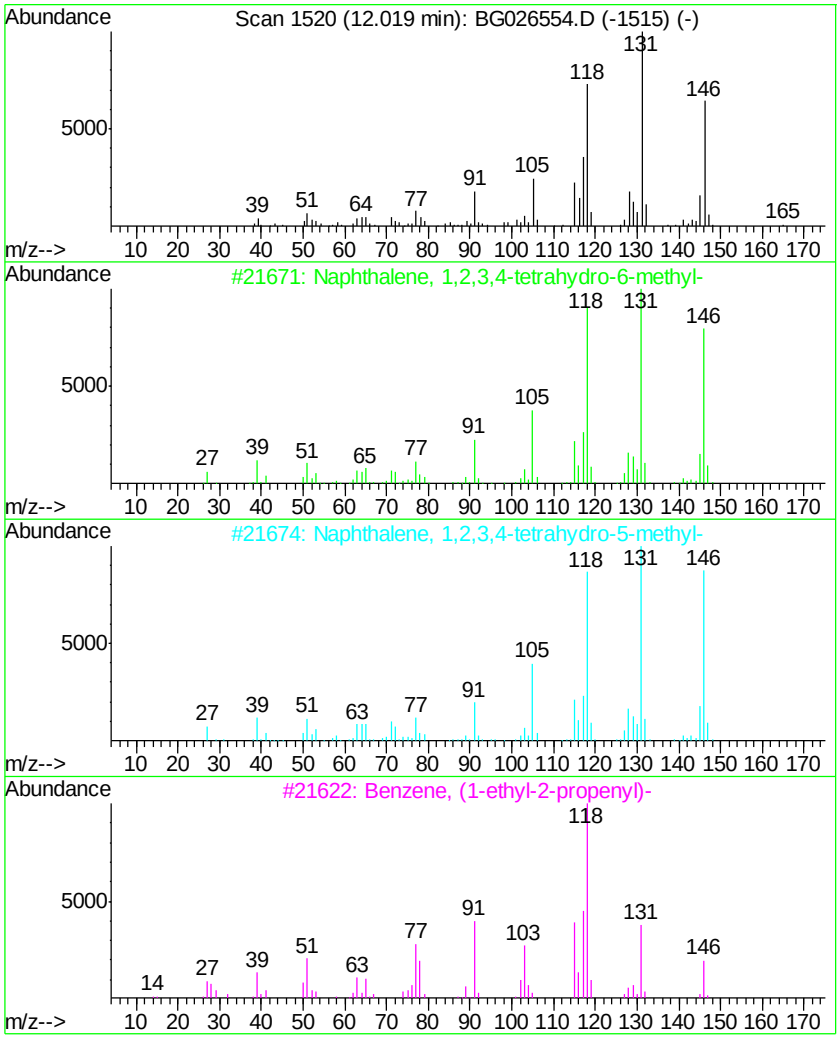
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

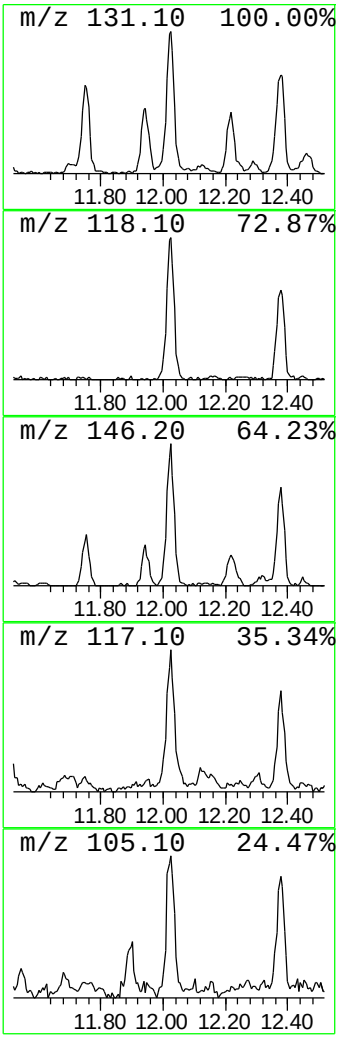
****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.06 ng	204029	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	76
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

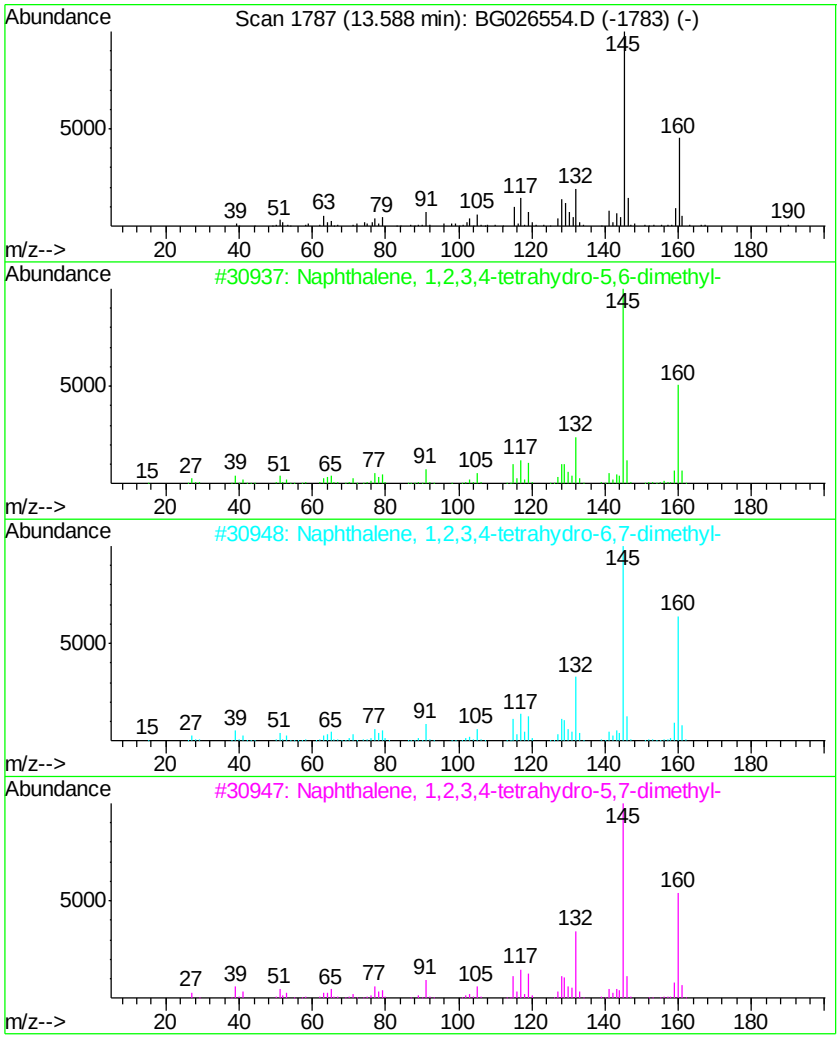
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

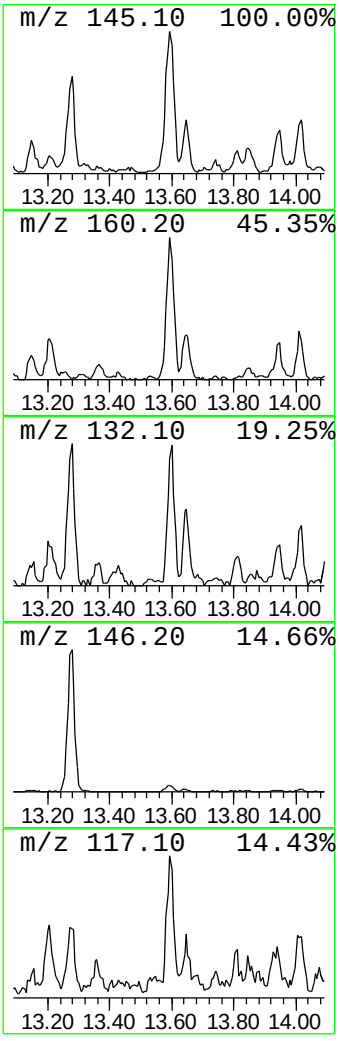
****

Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.04 ng	164350	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

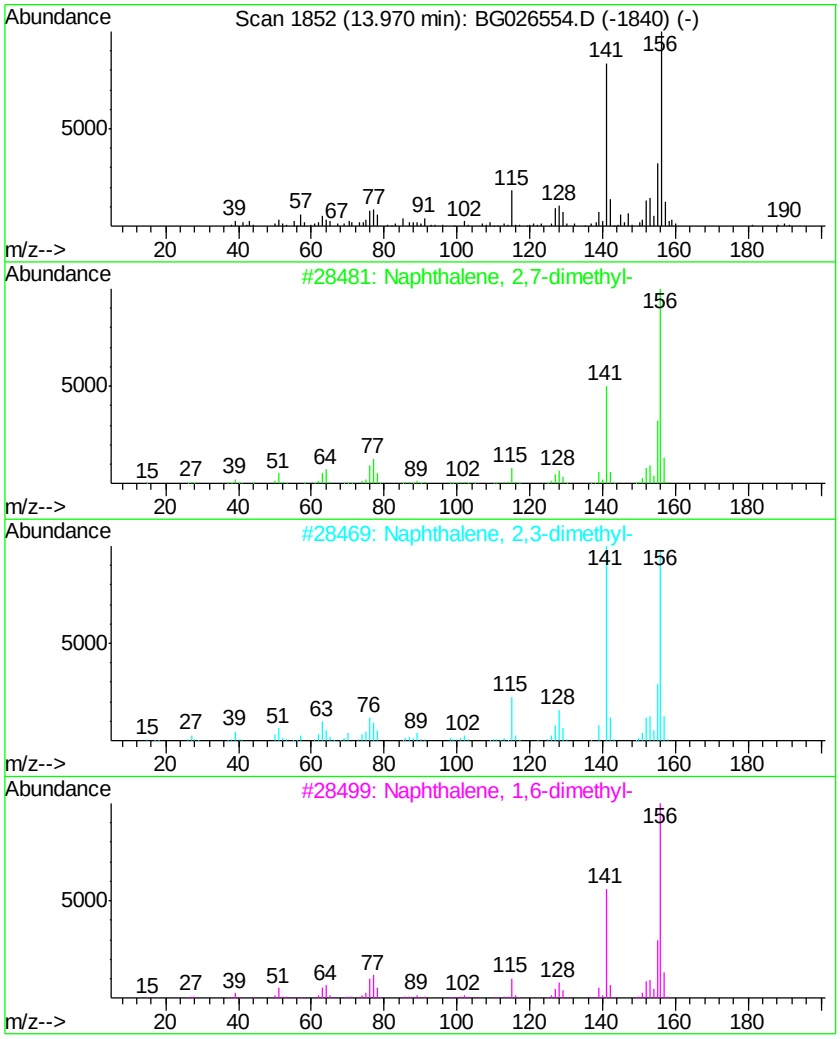
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

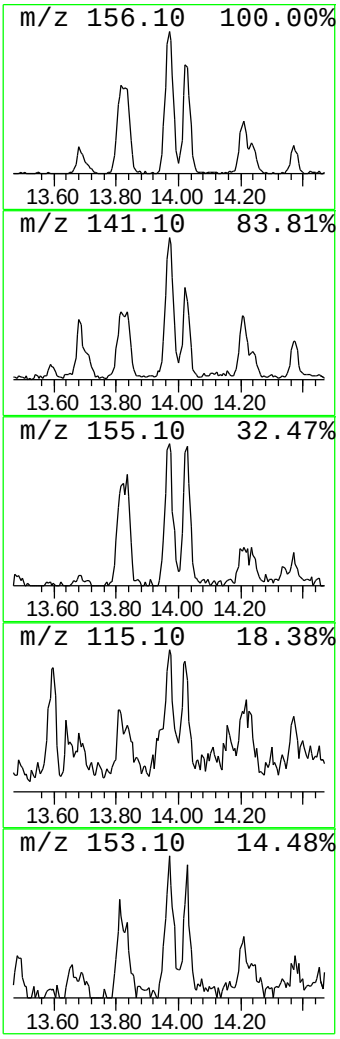
****

Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.65 ng	293594	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

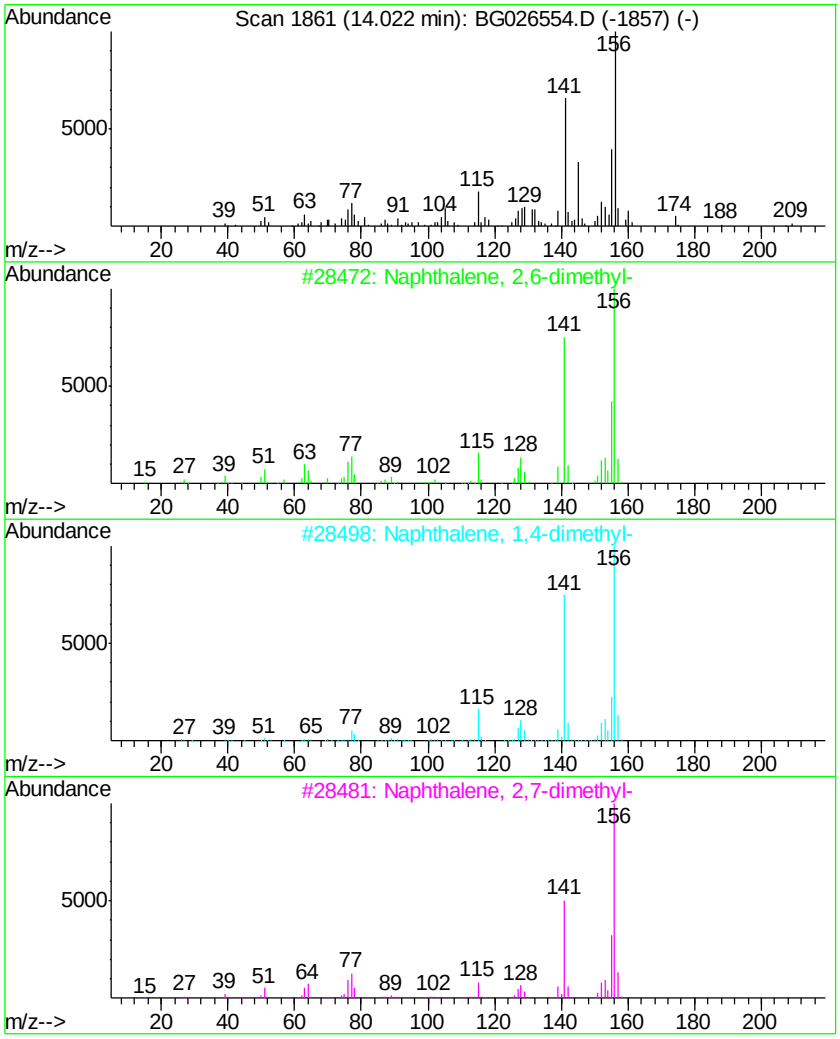
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

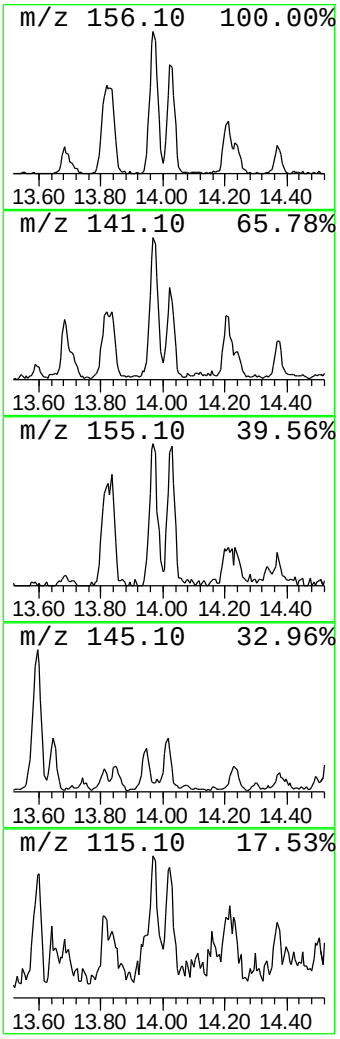
****

Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.10 ng	168477	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

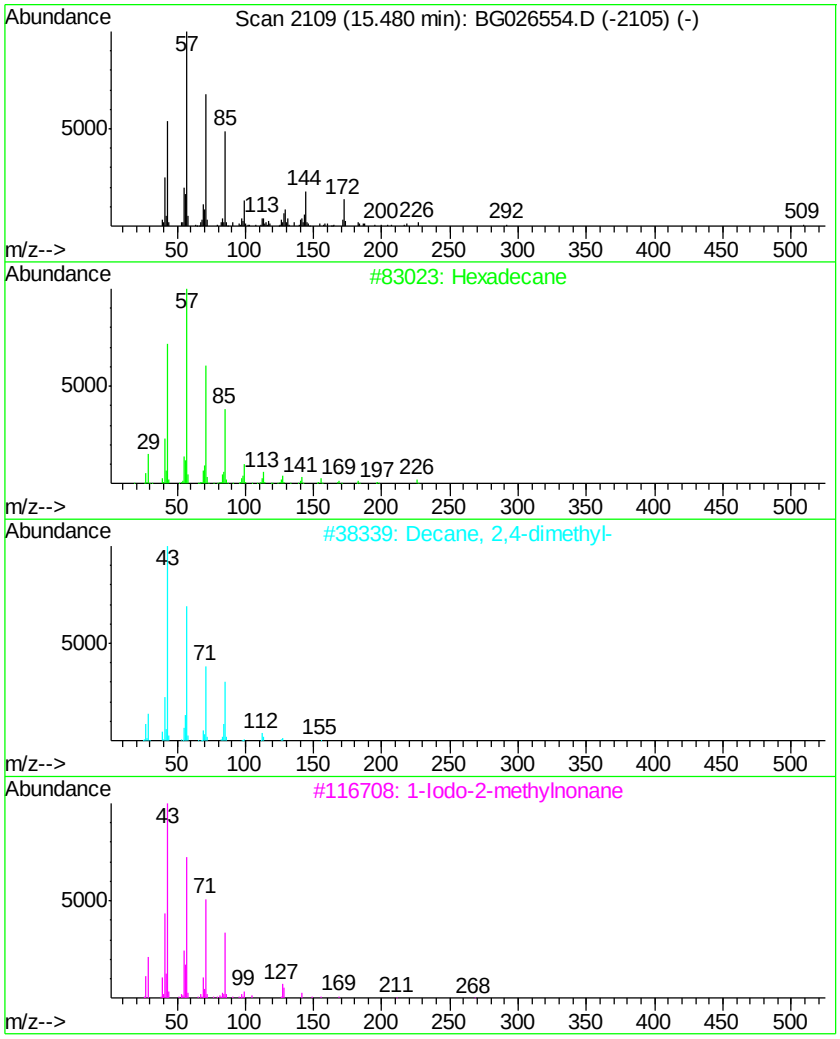
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

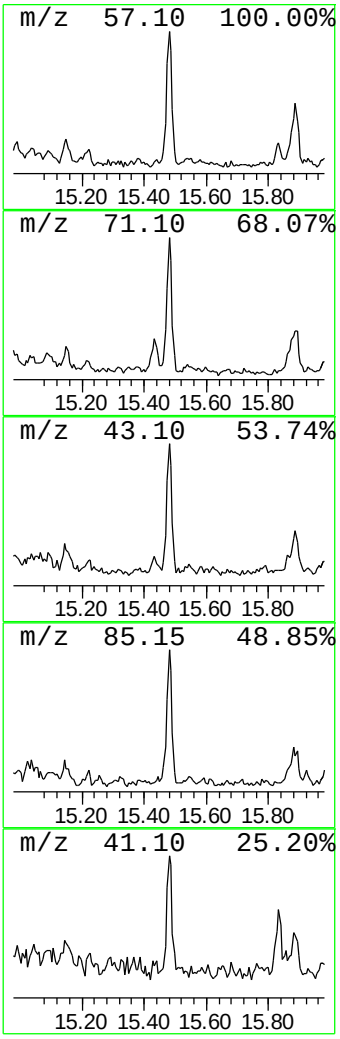
****

Peak Number 17 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	2.12 ng	170325	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	47
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	38





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

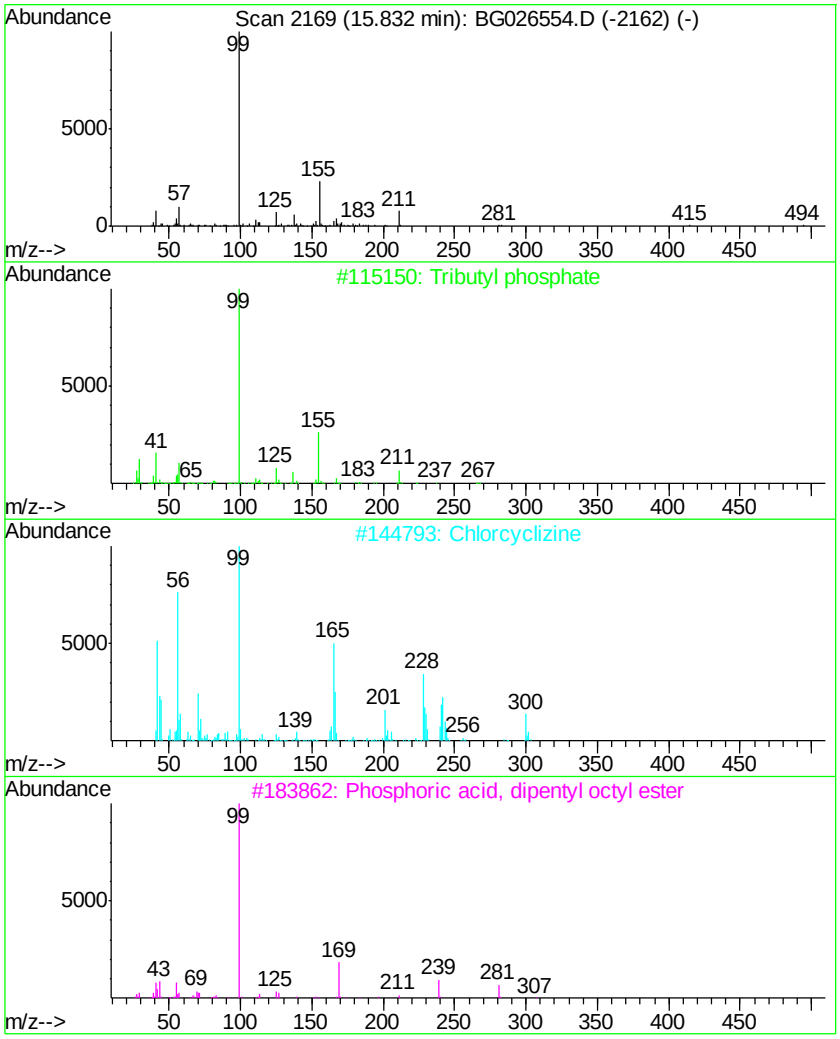
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

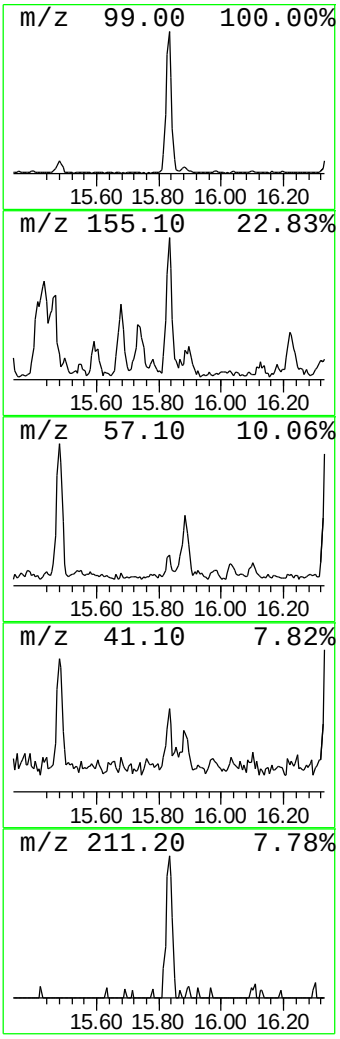
****

Peak Number 18 Tributyl phosphate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.42 ng	194521	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	90
2	Chlorcyclizine	300	C18H21ClN2	000082-93-9	47
3	Phosphoric acid, dipentyl octyl ...	350	C18H39O4P	1000308-90-1	36
4	Hexahydrospiro[[1,3]dioxolane-2,...	240	C13H20O4	066411-80-1	36
5	tri-n-Amylphosphate	308	C15H33O4P	002528-38-3	33





Data Path : Z:\HPCHEM1\BNA G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

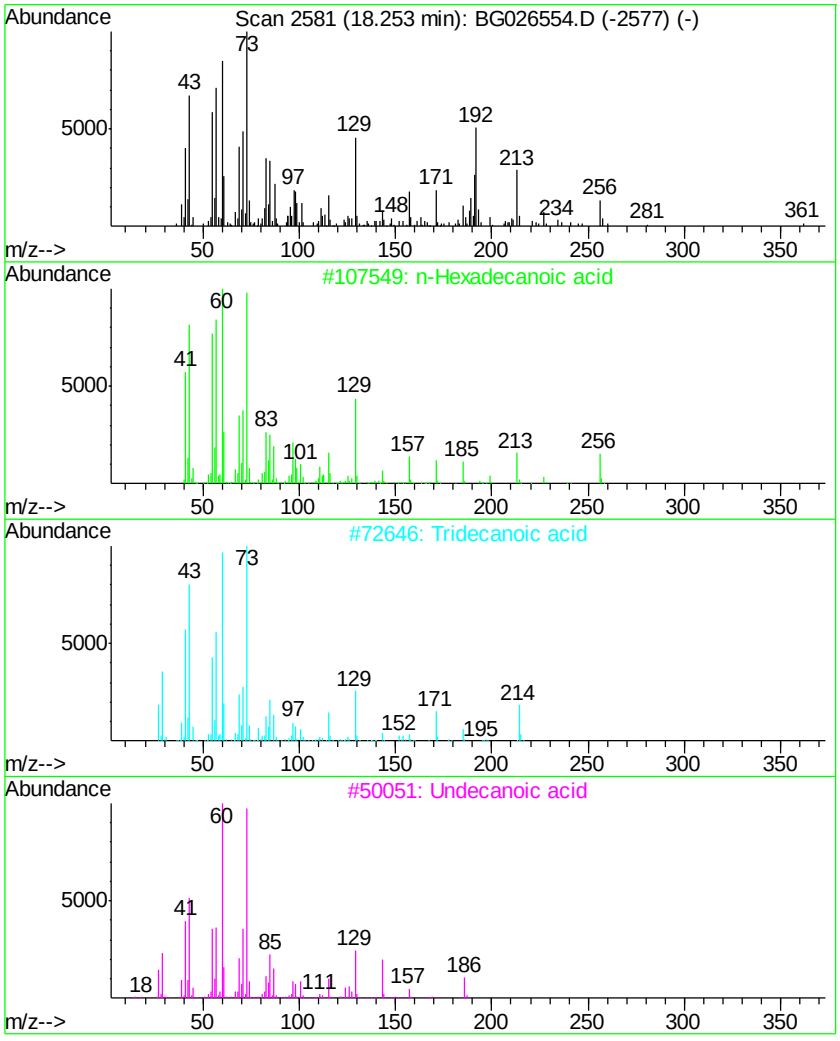
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

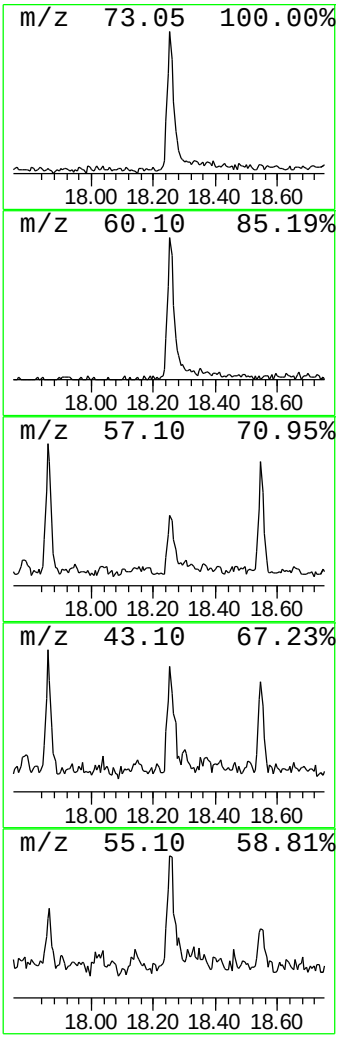
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.08 ng	208425	Phenanthrene-d10	17.38

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	83
3	Undecanoic acid	186	C11H22O2	000112-37-8	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040417\
Data File : BG026554.D
Acq On : 4 Apr 2017 21:54
Operator : SJ/MA
Sample : I2518-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Oxirane, [(1-meth...	5.14	5.8	ng	251002	1	8.04	861330	20.0
unknown7.58	7.58	53.1	ng	2285030	1	8.04	861330	20.0
Pentanoic acid, 2...	7.84	3.2	ng	137922	1	8.04	861330	20.0
unknown10.37	10.37	3.2	ng	321272	2	10.84	1982470	20.0
unknown10.58	10.58	2.5	ng	244602	2	10.84	1982470	20.0
unknown10.69	10.69	3.9	ng	390804	2	10.84	1982470	20.0
unknown11.07	11.07	11.2	ng	1108060	2	10.84	1982470	20.0
unknown11.15	11.15	2.0	ng	198763	2	10.84	1982470	20.0
unknown11.30	11.30	2.9	ng	290885	2	10.84	1982470	20.0
unknown11.68	11.68	2.0	ng	202224	2	10.84	1982470	20.0
Thiophane, propyl-	11.71	3.4	ng	334634	2	10.84	1982470	20.0
Naphthalene, 1,2,...	12.02	2.1	ng	204029	2	10.84	1982470	20.0
Naphthalene, 1,2,...	13.59	2.0	ng	164350	3	14.65	1607440	20.0
Naphthalene, 2,7-...	13.97	3.6	ng	293594	3	14.65	1607440	20.0
Naphthalene, 2,6-...	14.02	2.1	ng	168477	3	14.65	1607440	20.0
Hexadecane	15.48	2.1	ng	170325	3	14.65	1607440	20.0
Tributyl phosphate	15.83	2.4	ng	194521	3	14.65	1607440	20.0
n-Hexadecanoic acid	18.25	2.1	ng	208425	4	17.38	1999850	20.0