LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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_F\METHODS\8270-BF051716.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	1.713	9	11	49	rVB	3118763	6514602	100.00%	15.011%
2	4.684	269	271	283	rBV	473530	683204	10.49%	1.574%
3	5.164	310	313	330	rBV	1361551	1934212	29.69%	4.457%
4	5.564	346	348	356	rVB	183945	189558	2.91%	0.437%
5	6.239	405	407	414	rBV	996077	1297551	19.92%	2.990%
6	6.353	414	417	419	rBV	2790971	3512930	53.92%	8.094%
7	6.570	434	436	441	rBV	609136	815349	12.52%	1.879%
8	6.730	448	450	453	rBV	3413619	3163218	48.56%	7.289%
9	6.833	455	459	466	rVB2	35485	129868	1.99%	0.299%
10	7.153	485	487	489	rVV	2852053	2862318	43.94%	6.595%
11	7.222	491	493	495	rVB	64665	101163	1.55%	0.233%
12	7.553	520	522	525	rBV	426748	610257	9.37%	1.406%
13	7.679	529	533	537	rVV2	39456	89490	1.37%	0.206%
14	7.805	541	544	547	rVB	52331	80421	1.23%	0.185%
15	7.862	547	549	553	rBV	1183400	1134285	17.41%	2.614%
16	8.205	577	579	586	rBV6	25260	121381	1.86%	0.280%
17	8.308	586	588	590	rVV	462486	452494	6.95%	1.043%
18	8.353	590	592	594	rVB3	53487	73855	1.13%	0.170%
19	8.536	605	608	609	rVB2	57034	80383	1.23%	0.185%
20	8.616	613	615	618	rBV4	57479	92462	1.42%	0.213%
21	8.696	621	622	626	rVB2	98106	122860	1.89%	0.283%
22	8.776	626	629	631	rBV3	34586	65319	1.00%	0.151%
23	8.948	641	644	646	rBV	4680410	4806326	73.78%	11.075%
24	9.062	652	654	657	rVB	101500	109193	1.68%	0.252%
25	9.119	657	659	663	rBV4	29860	74304	1.14%	0.171%
26	9.210	665	667	670	rBV3	38070	88607	1.36%	0.204%
27	9.290	671	674	677	rBV4	204627	407183	6.25%	0.938%
28	9.348	677	679	683	rVB2	213513	286379	4.40%	0.660%
29	9.473	688	690	693	rBV4	53287	82587	1.27%	0.190%
30	9.531	693	695	696	rBV	58597	82188	1.26%	0.189%
31	9.611	700	702	707	rBV	1324702	1291675	19.83%	2.976%
32	9.702	707	710	711	rBV2	82321	111668	1.71%	0.257%
33	9.793	715	718	719	rBV3	79539	139063	2.13%	0.320%
34	9.816	719	720	723	rVV2	98535	126413	1.94%	0.291%

LSC Area Percent Report

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Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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_F\METHODS\8270-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.873	723	725	727	rVV2	57398	128982	1.98%	0.297%
36	9.931	727	730	733	rVV4	140129	296280	4.55%	0.683%
37	9.988	733	735	738	rVV2	160241	237732	3.65%	0.548%
38	10.113	742	746	748	rBV4	72209	163300	2.51%	0.376%
39	10.148	748	749	751	rVV2	82788	89786	1.38%	0.207%
40	10.251	756	758	761	rBV3	59484	164258	2.52%	0.378%
41	10.308	761	763	766	rVV4	69130	168689	2.59%	0.389%
42	10.365	766	768	769	rVV	240947	301459	4.63%	0.695%
43	10.399	769	771	774	rVV2	2282272	2751583	42.24%	6.340%
44	10.479	777	778	780	rVV	164141	184600	2.83%	0.425%
45	10.525	780	782	786	rVV4	62186	131153	2.01%	0.302%
46	10.593	786	788	792	rVB5	55164	107172	1.65%	0.247%
47	10.971	819	821	824	rBV3	79500	121552	1.87%	0.280%
48	11.085	829	831	833	rBV	1046891	960459	14.74%	2.213%
49	11.325	849	852	857	rVV3	50341	131485	2.02%	0.303%
50	11.645	878	880	883	rBV2	73260	134793	2.07%	0.311%
51	11.874	898	900	902	rVB	56472	67675	1.04%	0.156%
52	12.674	967	970	972	rBV	3853068	3849035	59.08%	8.869%
53	13.714	1058	1061	1063	rBV	835255	864781	13.27%	1.993%
54	15.062	1176	1179	1185	rVB	690678	812322	12.47%	1.872%

Sum of corrected areas: 43399862

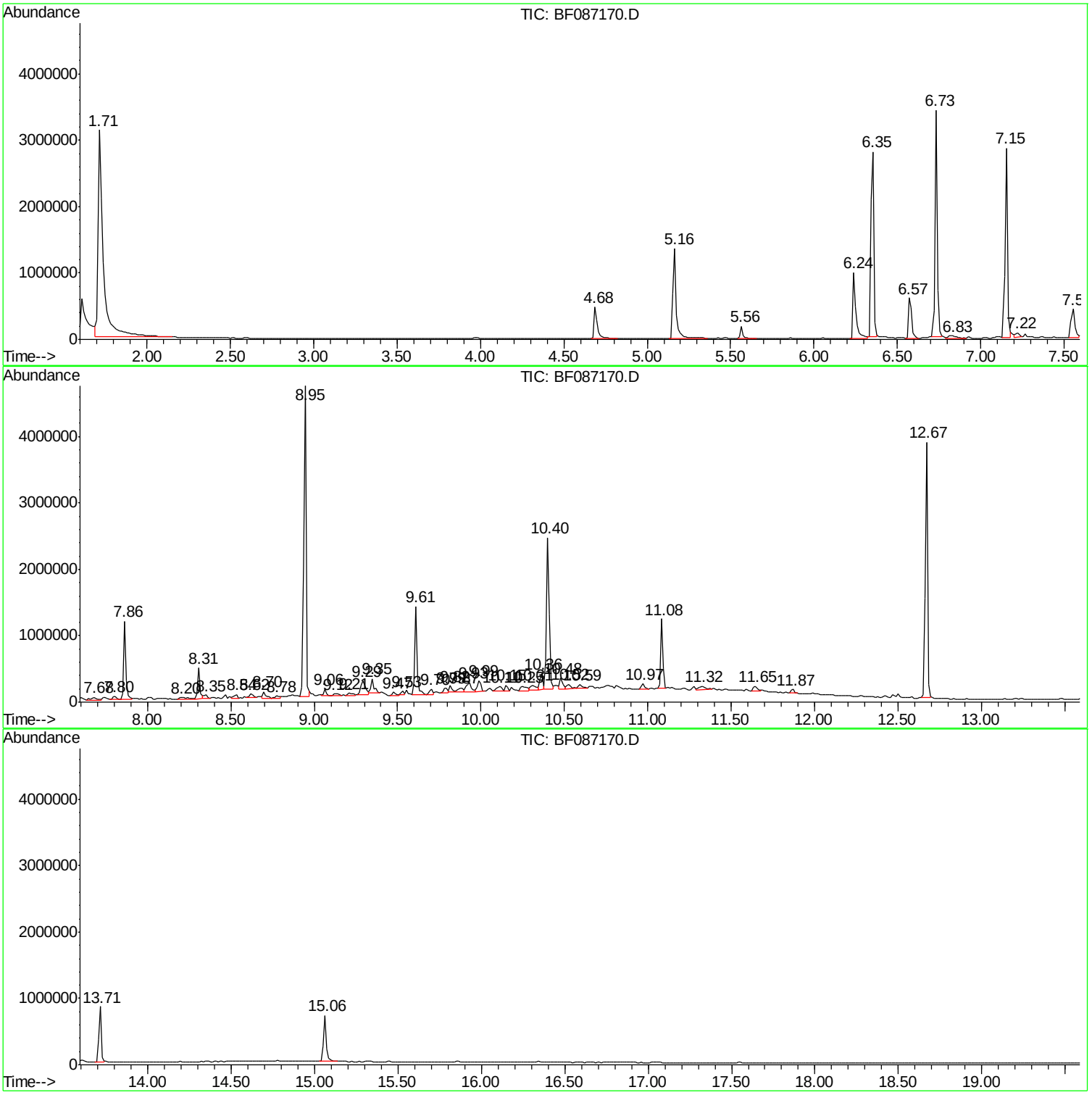
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

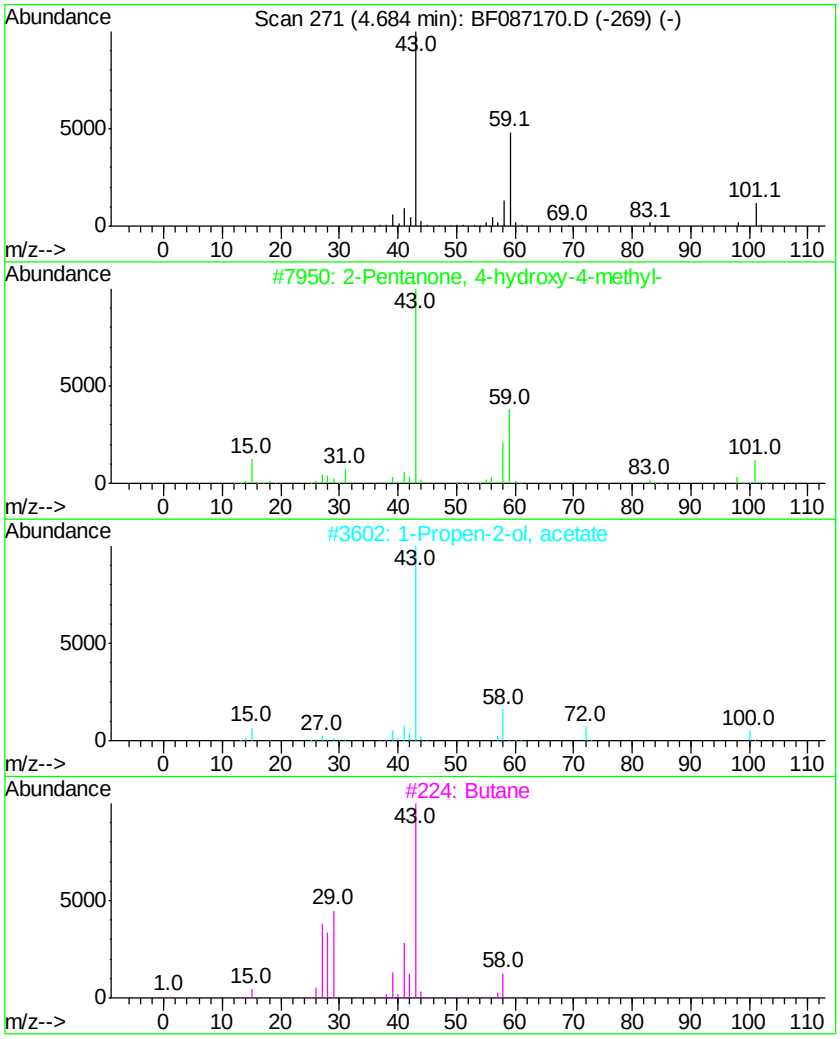
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

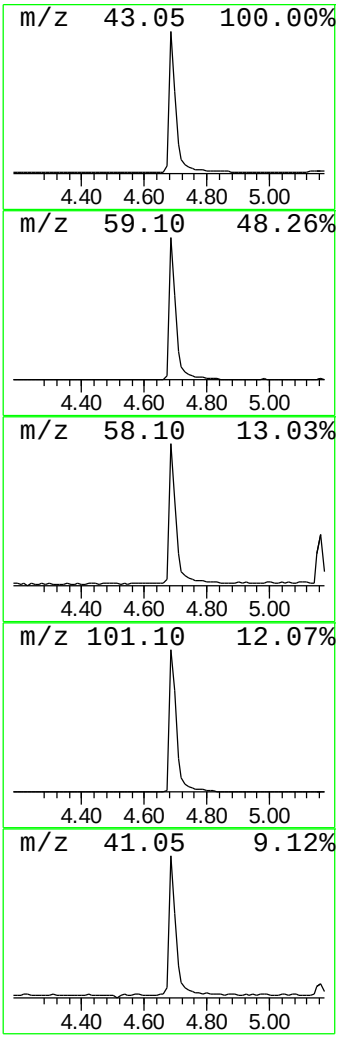
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	16.76 ng	683204	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Butane	58	C4H10	000106-97-8	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

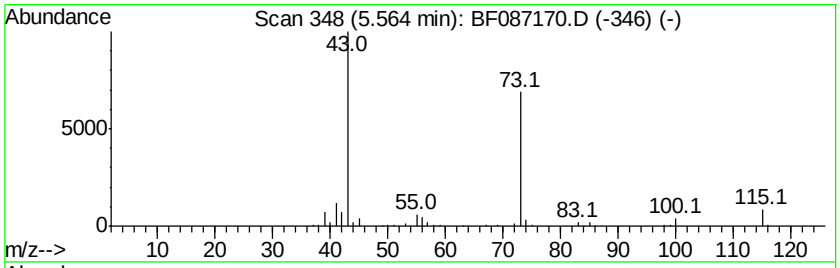
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

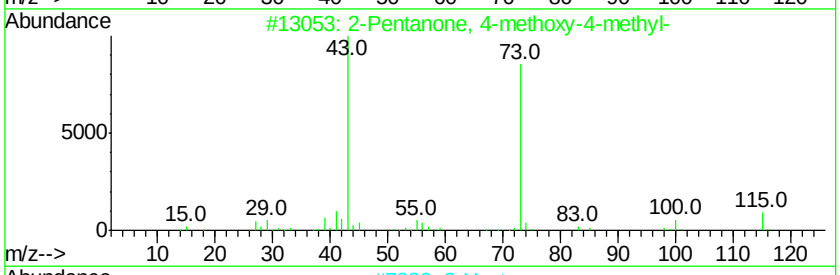
****

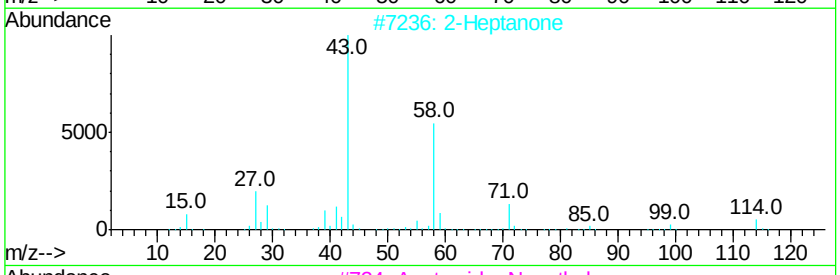
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

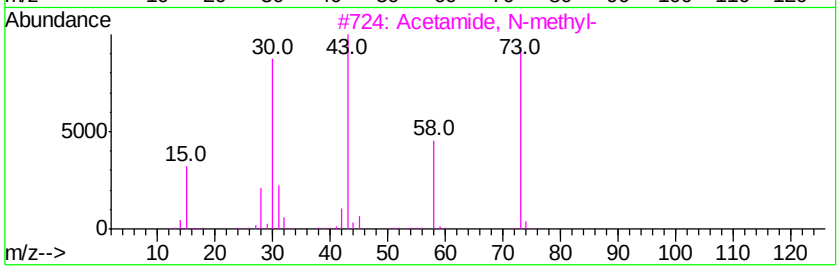
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	4.65 ng	189558	1,4-Dichlorobenzene-d4	6.58

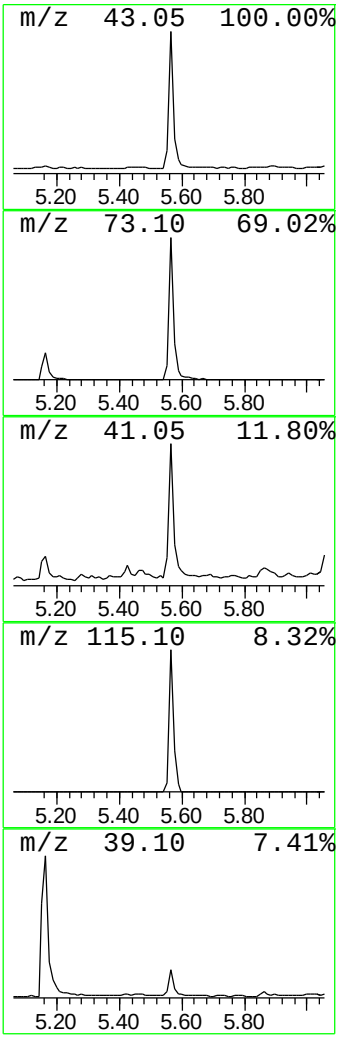
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	2-Heptanone	114	C7H14O	000110-43-0	17
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9











Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

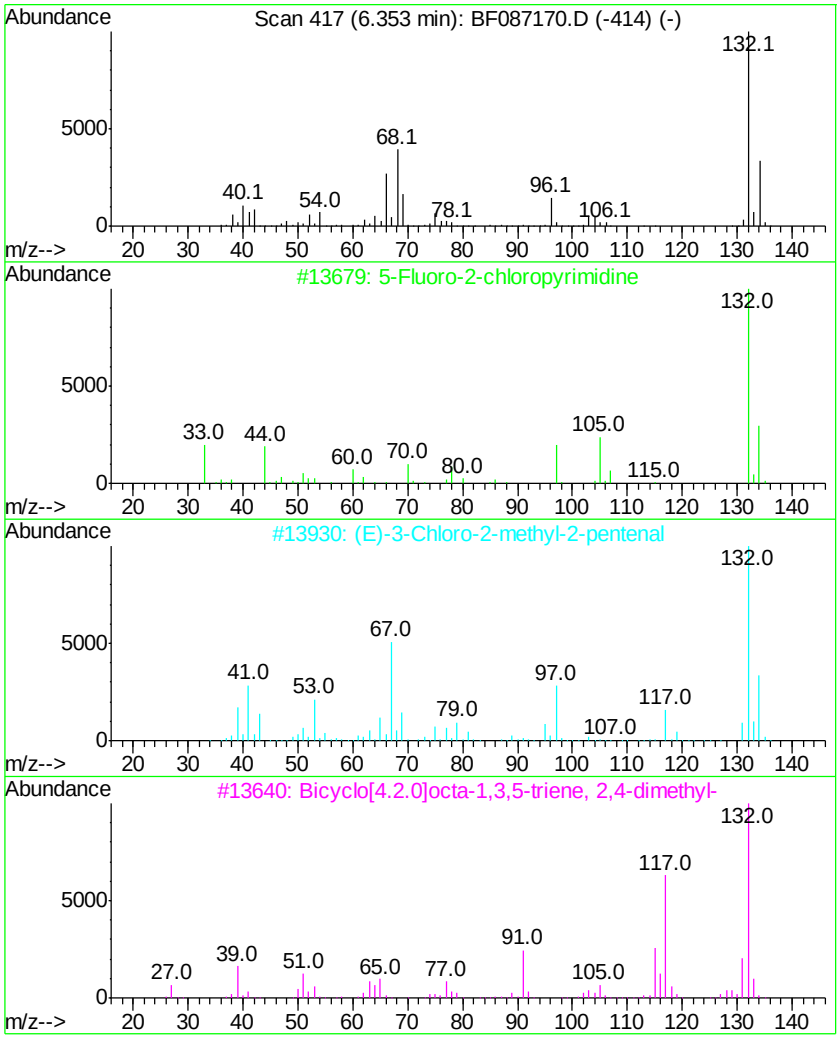
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

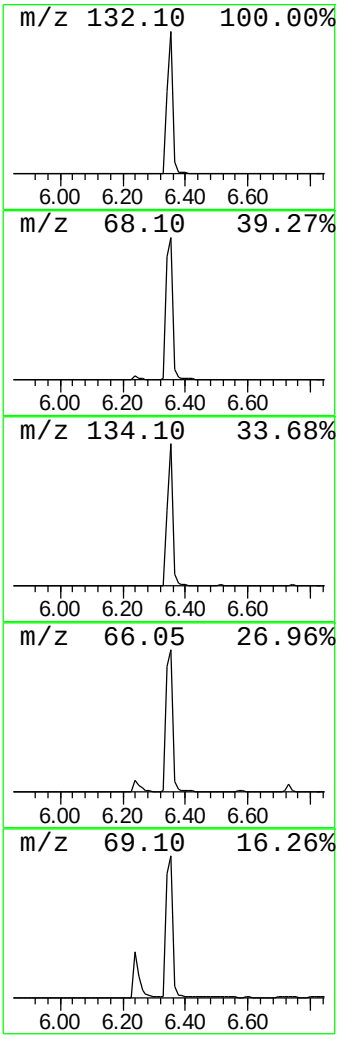
****

Peak Number 4 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	86.17 ng	3512930	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
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Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

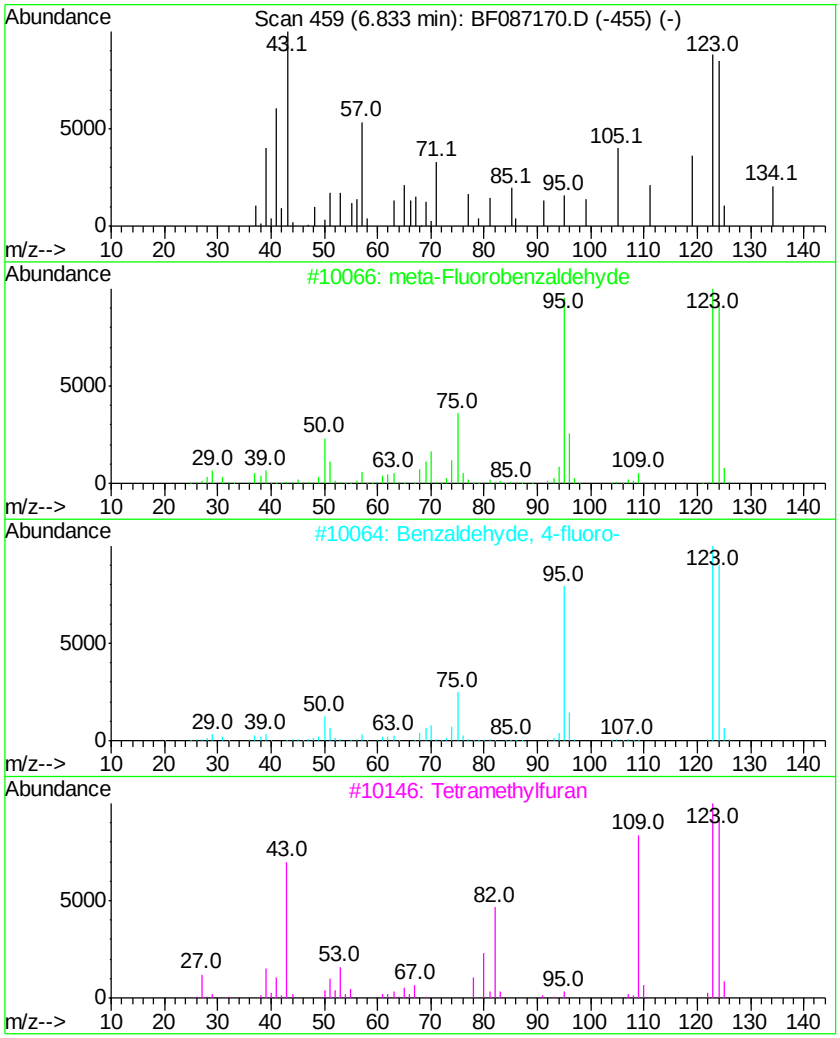
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

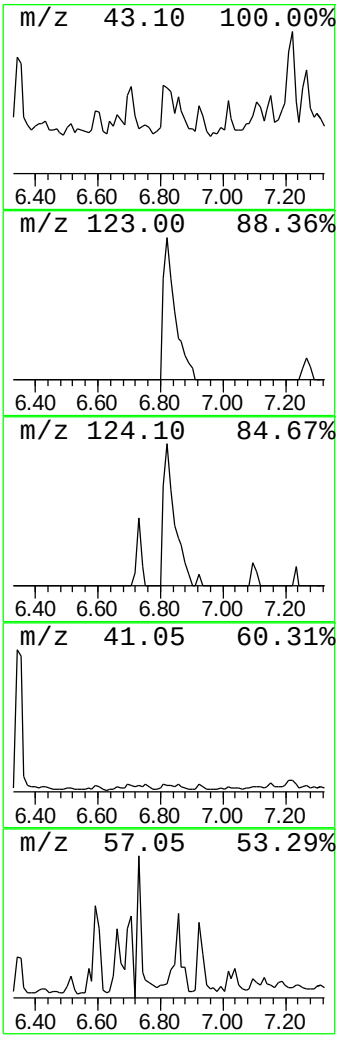
****

Peak Number 6 unknown6.83 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	3.19 ng	129868	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	meta-Fluorobenzaldehyde	124	C7H5FO	000456-48-4	46
2	Benzaldehyde, 4-fluoro-	124	C7H5FO	000459-57-4	46
3	Tetramethylfuran	124	C8H12O	010599-58-3	43
4	2-Hydroxy-3-aminomethylpyridine	124	C6H8N2O	123369-45-9	43
5	1,5-Diazabicyclo[4.3.0]non-5-ene	124	C7H12N2	003001-72-7	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
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Operator : UM/SJ
Sample : H3105-02
Misc :
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Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

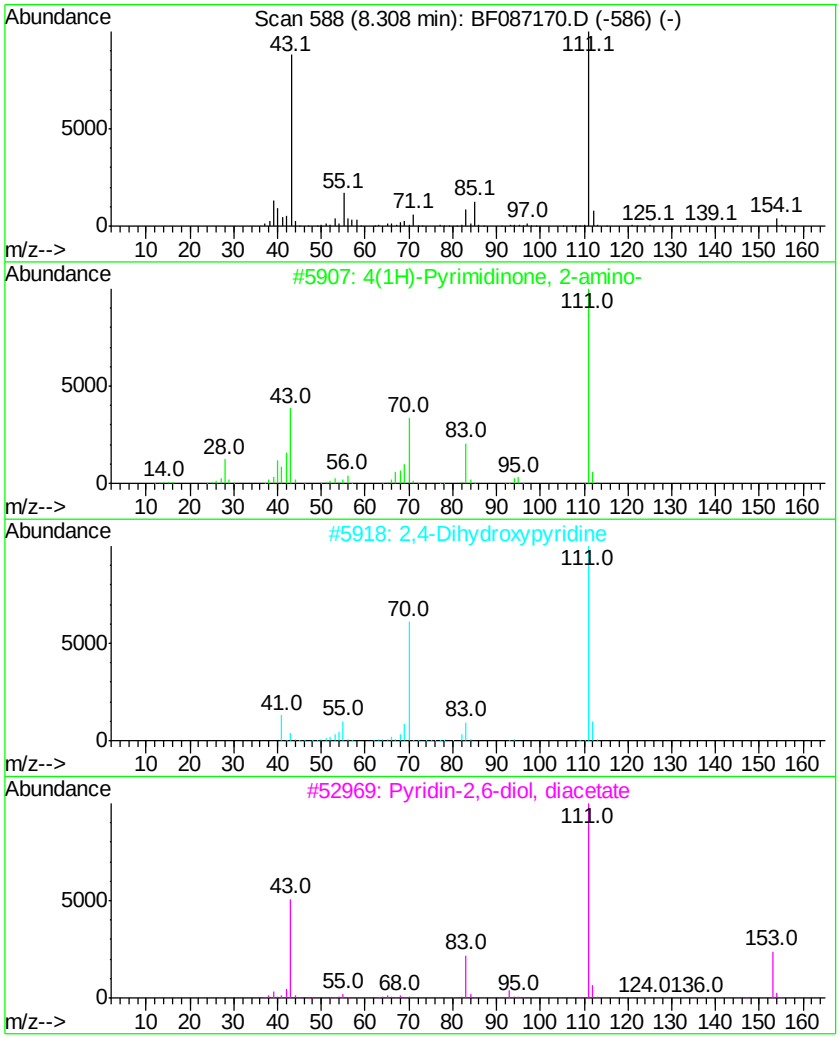
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

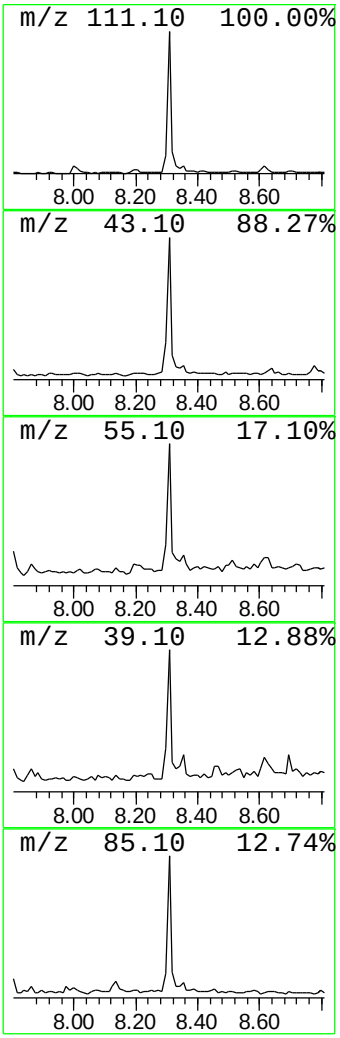
****

Peak Number 7 4(1H)-Pyrimidinone, 2-amino- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	7.98 ng	452494	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 2-amino-	111	C4H5N3O	000108-53-2	59
2	2,4-Dihydroxypyridine	111	C5H5NO2	000626-03-9	53
3	Pyridin-2,6-diol, diacetate	195	C9H9NO4	1000153-09-2	45
4	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	40
5	2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
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Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

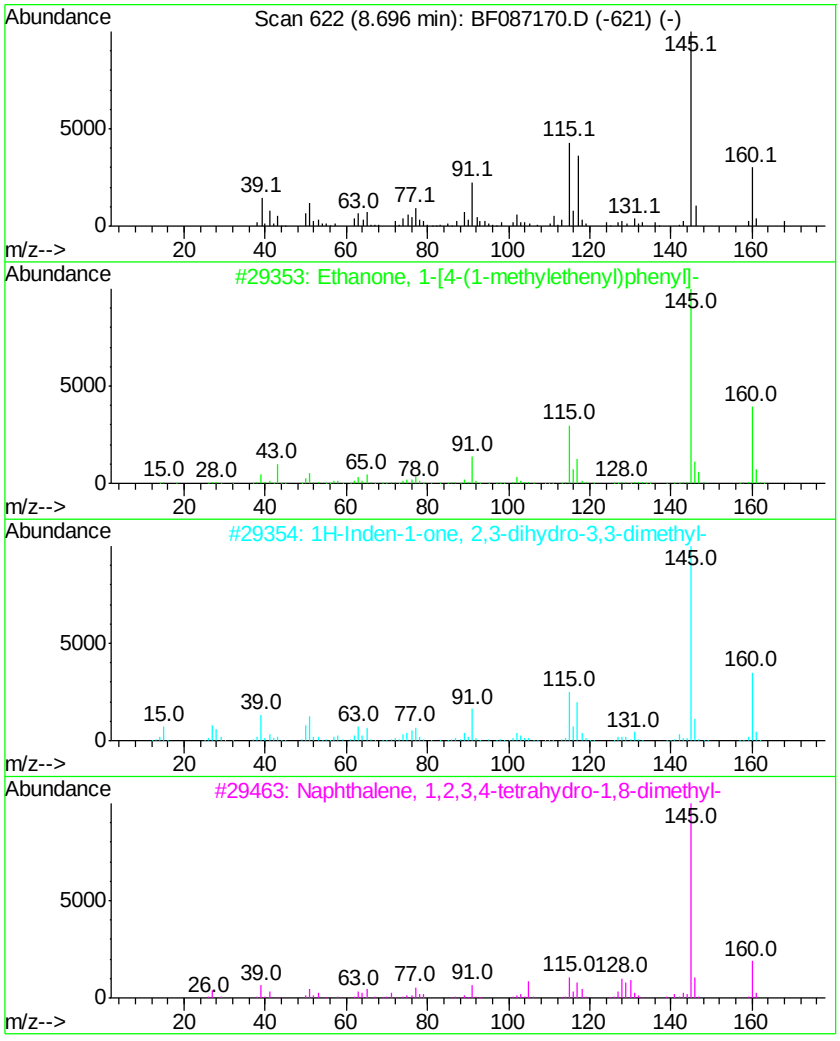
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

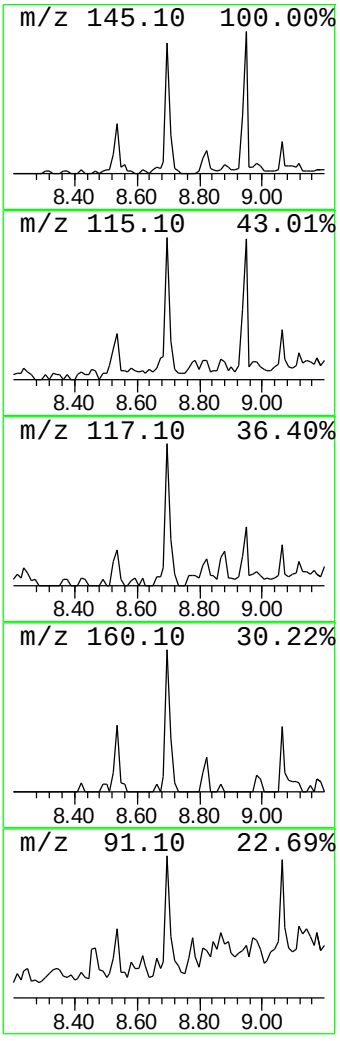
****

Peak Number 8 Ethanone, 1-[4-(1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.17 ng	122860	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	90
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	78
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

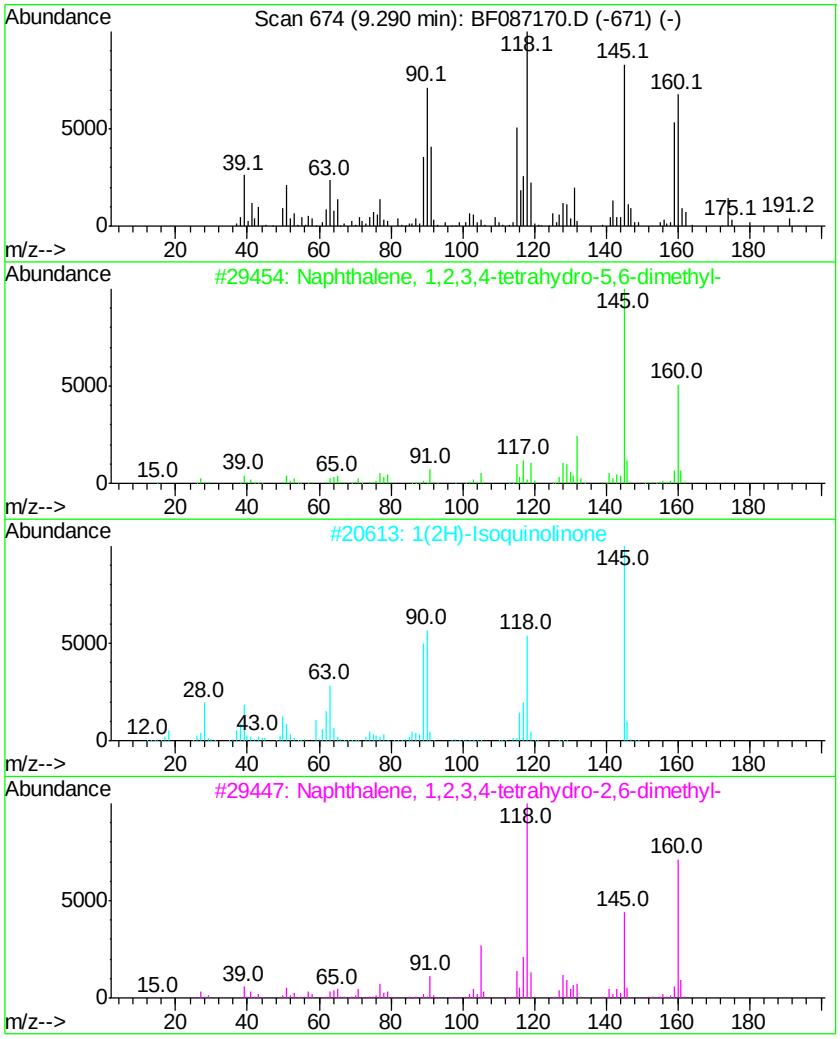
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

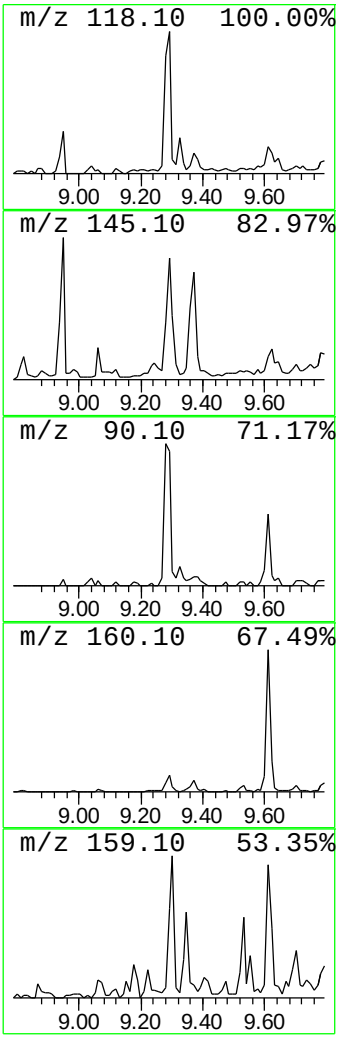
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	6.30 ng	407183	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	84
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

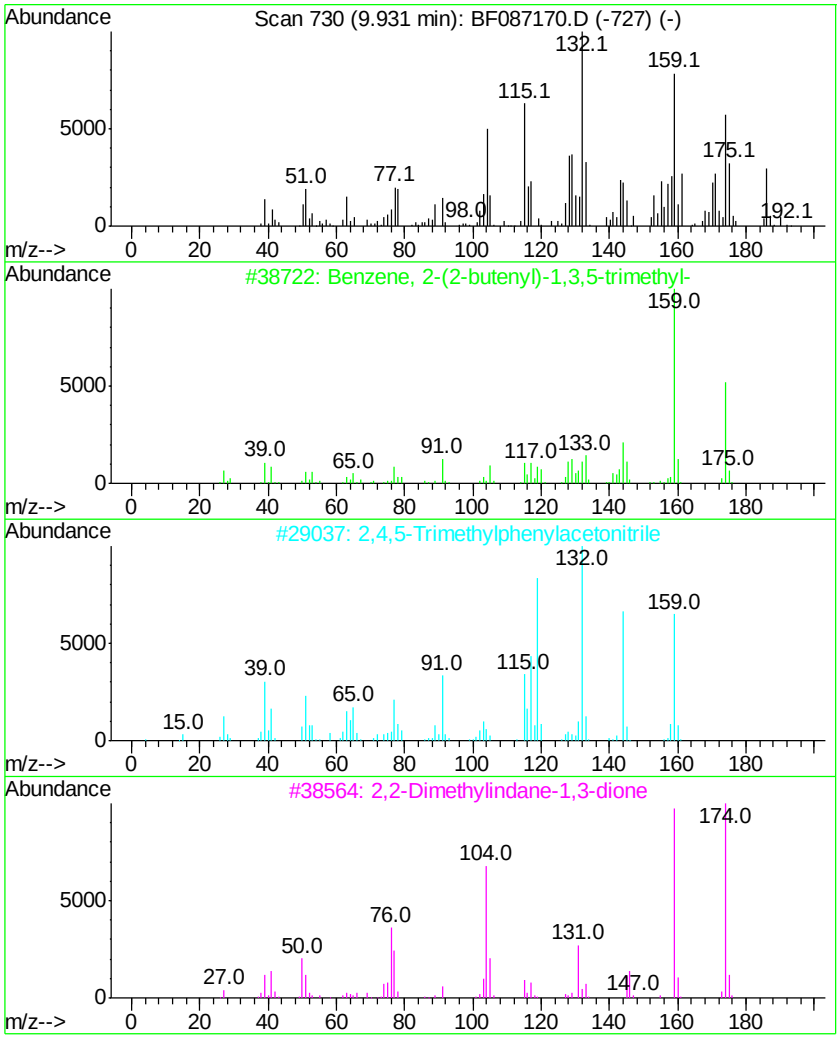
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

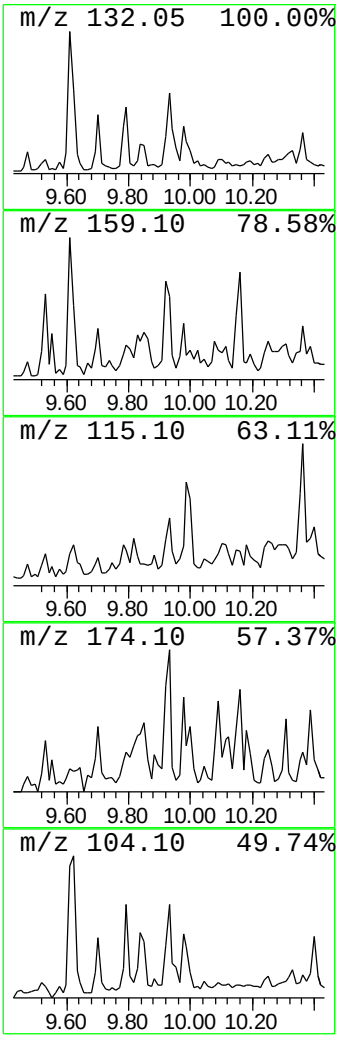
****

Peak Number 10 Benzene, 2-(2-butenyl)-1,3,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	4.59 ng	296280	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	53
2	2,4,5-Trimethylphenylacetonitrile	159	C11H13N	075279-58-2	41
3	2,2-Dimethylindane-1,3-dione	174	C11H10O2	017190-77-1	41
4	2,5,8-Trimethyl-1,2,3,4-tetrahyd...	174	C13H18	068269-15-8	38
5	1-Naphthalenol, 4-methoxy-	174	C11H10O2	000084-85-5	38





Library Search Compound Report

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Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

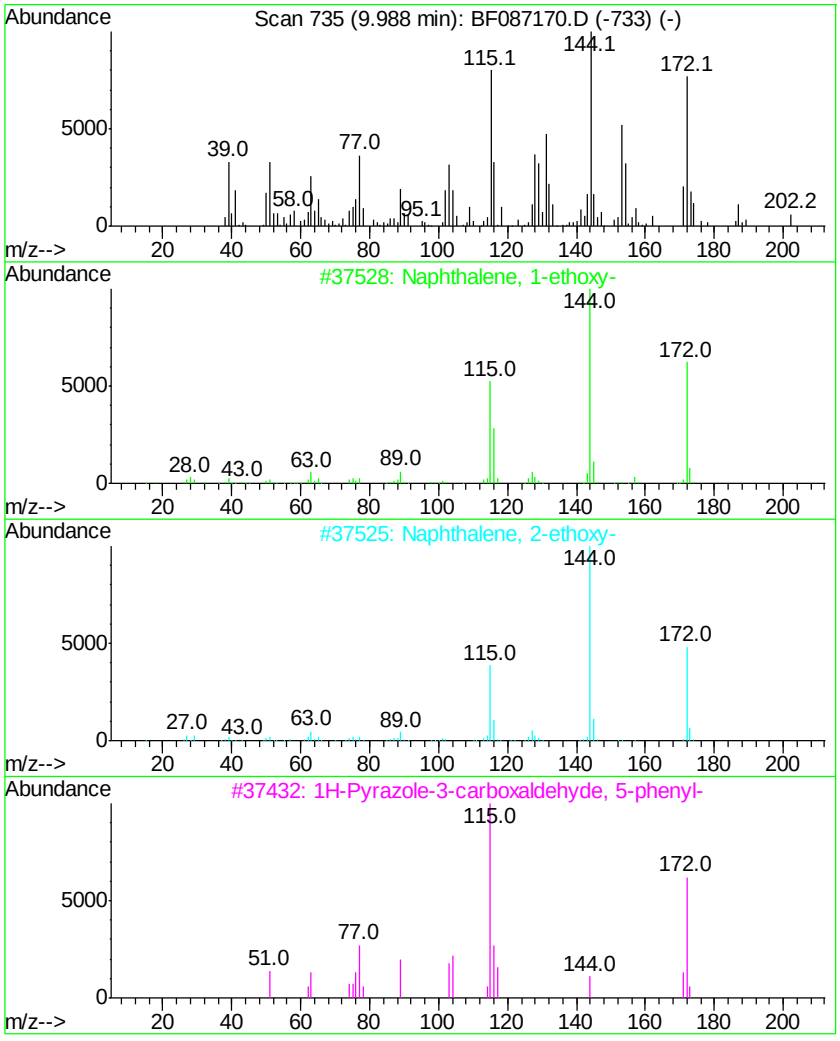
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

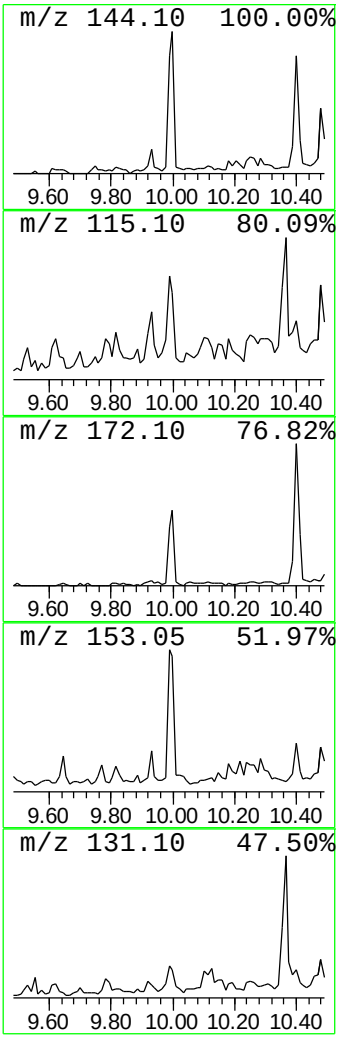
****

Peak Number 11 unknown9.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	3.68 ng	237732	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethoxy-	172	C12H12O	005328-01-8	49
2	Naphthalene, 2-ethoxy-	172	C12H12O	000093-18-5	46
3	1H-Pyrazole-3-carboxaldehyde, 5-...	172	C10H8N2O	057204-65-6	38
4	1-Naphthalenol	144	C10H8O	000090-15-3	38
5	1H-Inden-1-one, 2-diazo-2,3-dihy...	172	C10H8N2O	054789-38-7	38





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Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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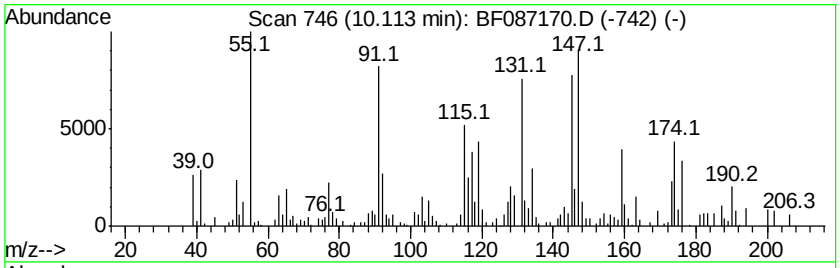
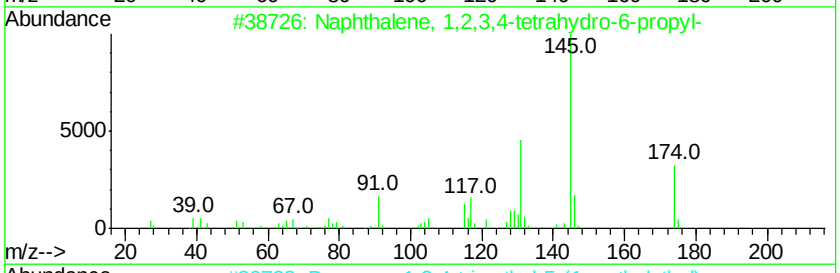
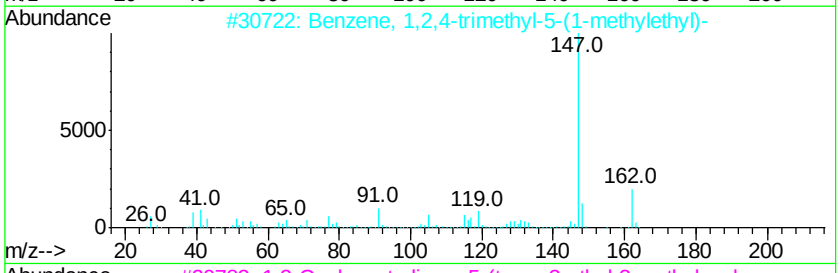
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

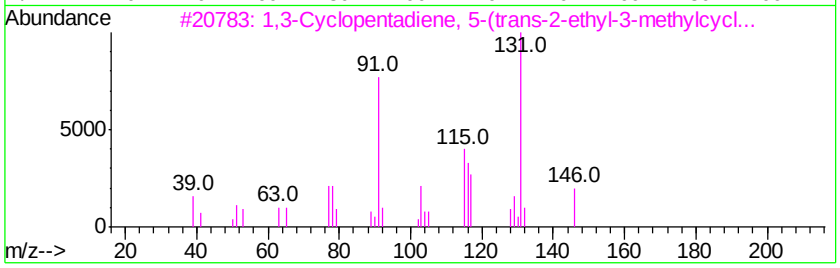
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.53 ng	163300	Acenaphthene-d10	9.61

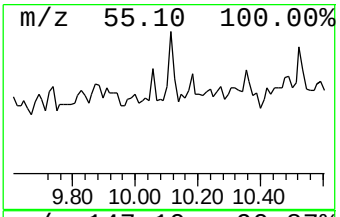
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	50
2	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	22
3	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	15
4	2-Butyl(dimethyl)silyloxybutane	188	C10H24OSi	1000282-49-7	14
5	2-Methyl-4-phenylthiolane, 1-oxide	194	C11H14OS	058121-31-6	14

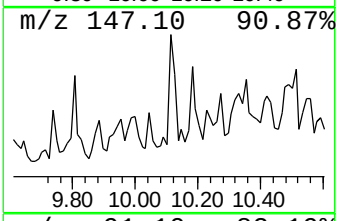


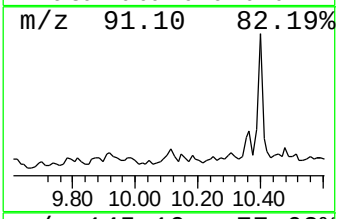


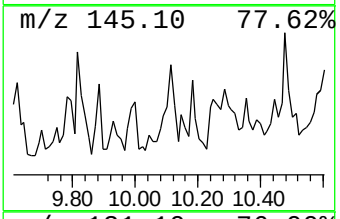


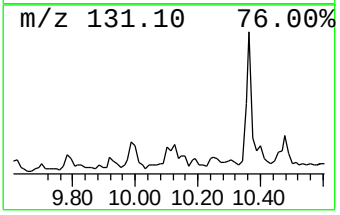












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Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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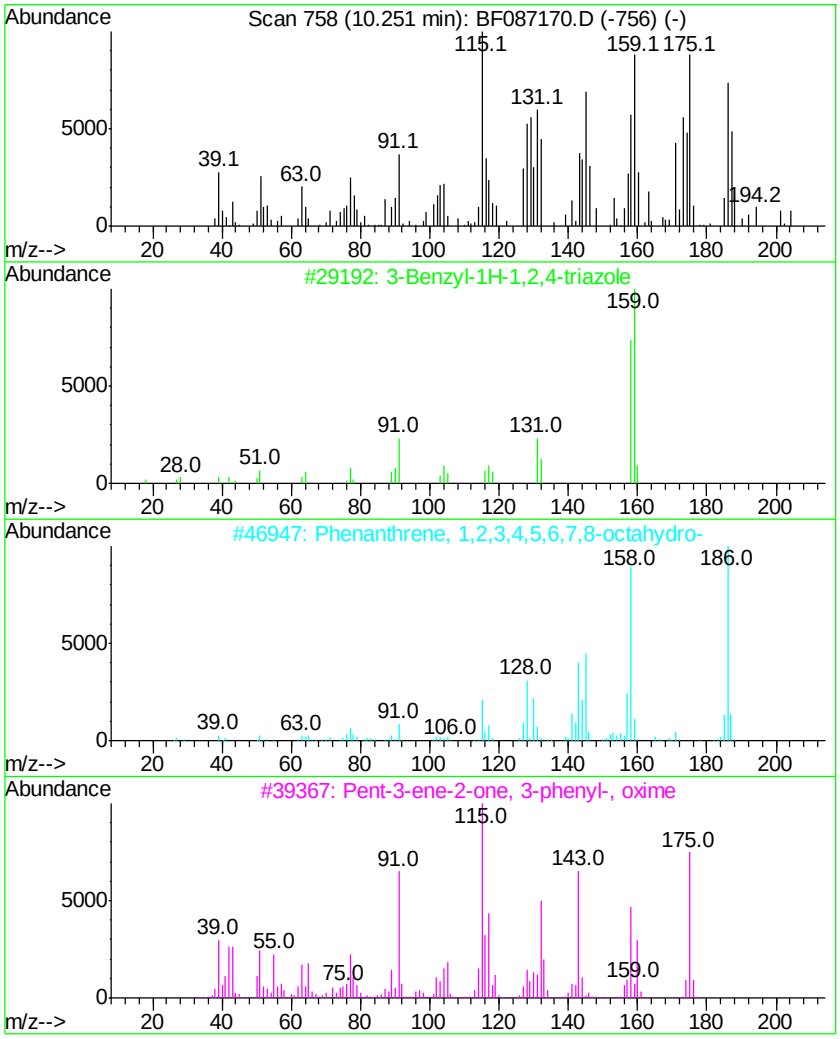
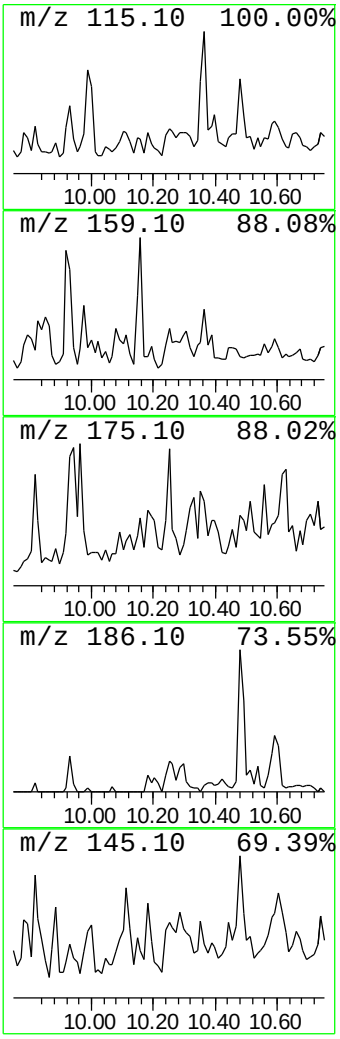
Peak Number 13 unknown10.25 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.54 ng	164258	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzyl-1H-1,2,4-triazole	159	C9H9N3	021117-34-0	25
2	Phenanthrene, 1,2,3,4,5,6,7,8-oc...	186	C14H18	005325-97-3	20
3	Pent-3-ene-2-one, 3-phenyl-, oxime	175	C11H13NO	258345-37-8	18
4	1H-Indole-3-carboxaldehyde, 5-me...	175	C10H9NO2	010601-19-1	18
5	Anthracene, 1,2,3,4,5,6,7,8-octa...	186	C14H18	001079-71-6	18





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Misc :
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Instrument : BNA_F
ClientSampleId : W-05

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

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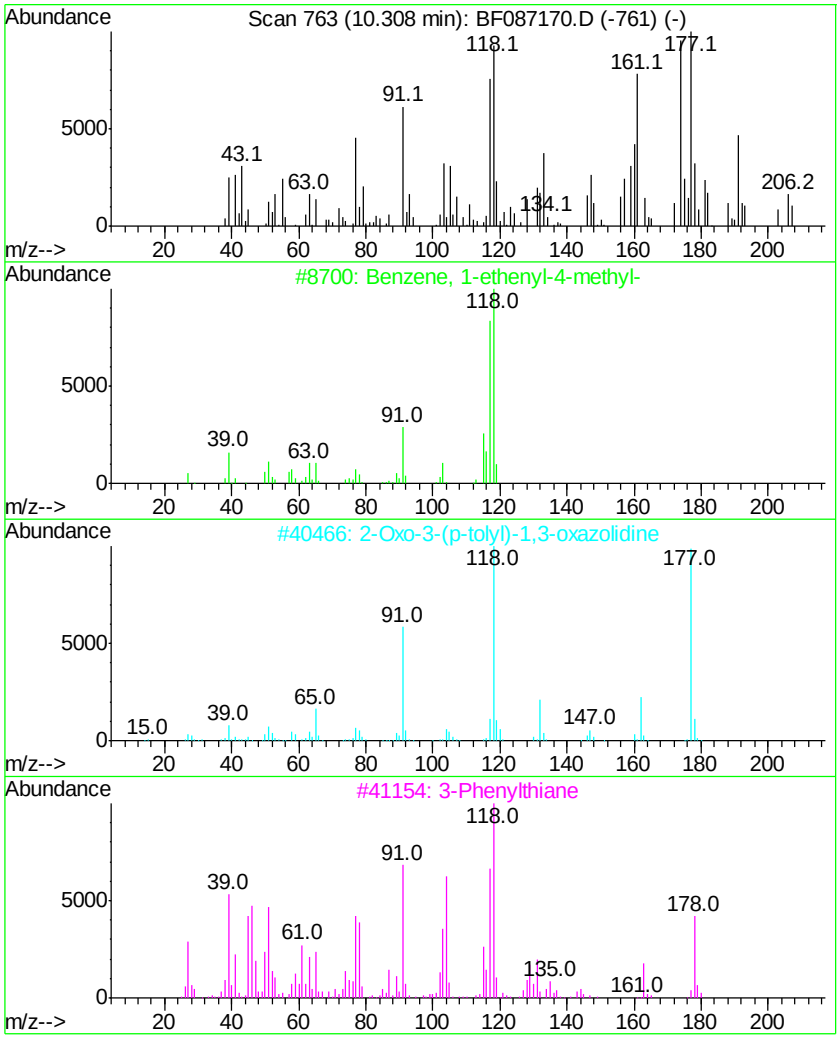
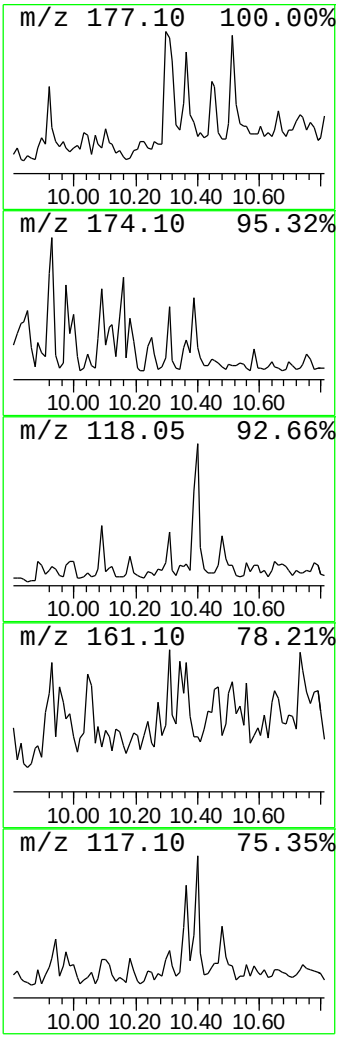
Peak Number 14 unknown10.31 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.61 ng	168689	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	35
2	2-Oxo-3-(p-tolyl)-1,3-oxazolidine	177	C10H11NO2	005198-46-9	18
3	3-Phenylthiane	178	C11H14S	040324-32-1	18
4	1-(3-Methoxymethyl-2,5,6-trimeth...	206	C13H18O2	1000202-04-3	14
5	Phenprobamate	179	C10H13NO2	000673-31-4	14





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Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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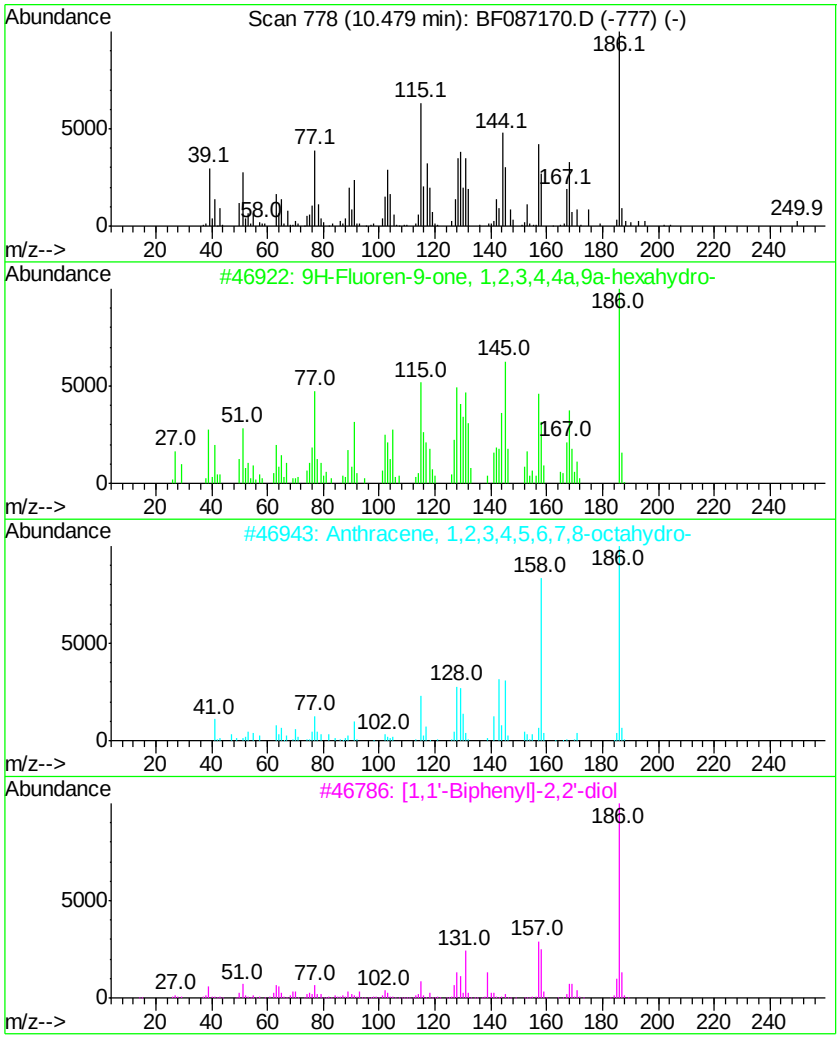
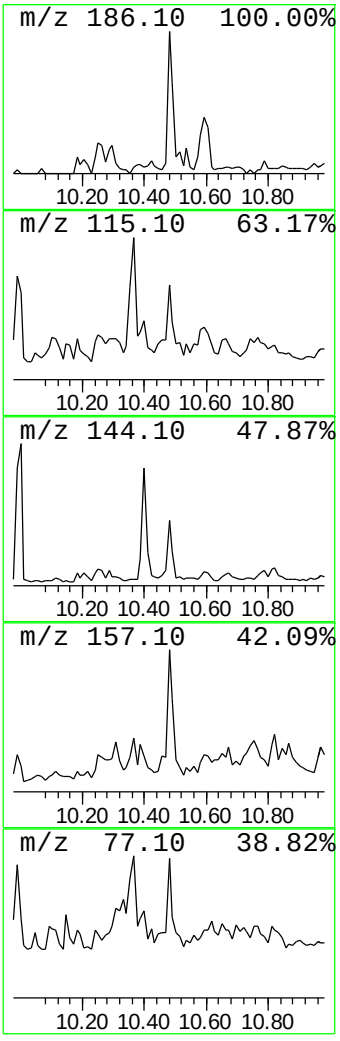
Peak Number 15 9H-Fluoren-9-one, 1,2,3,4,4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	3.84 ng	184600	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one, 1,2,3,4,4a,9a-...	186	C13H14O	001203-67-4	76
2	Anthracene, 1,2,3,4,5,6,7,8-octa...	186	C14H18	001079-71-6	55
3	[1,1'-Biphenyl]-2,2'-diol	186	C12H10O2	001806-29-7	46
4	Phenanthrene, 1,2,3,4,5,6,7,8-oc...	186	C14H18	005325-97-3	38
5	1H-Pyrido[3,4-b]indol-1-one, 2,3...	186	C11H10N2O	017952-82-8	35





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Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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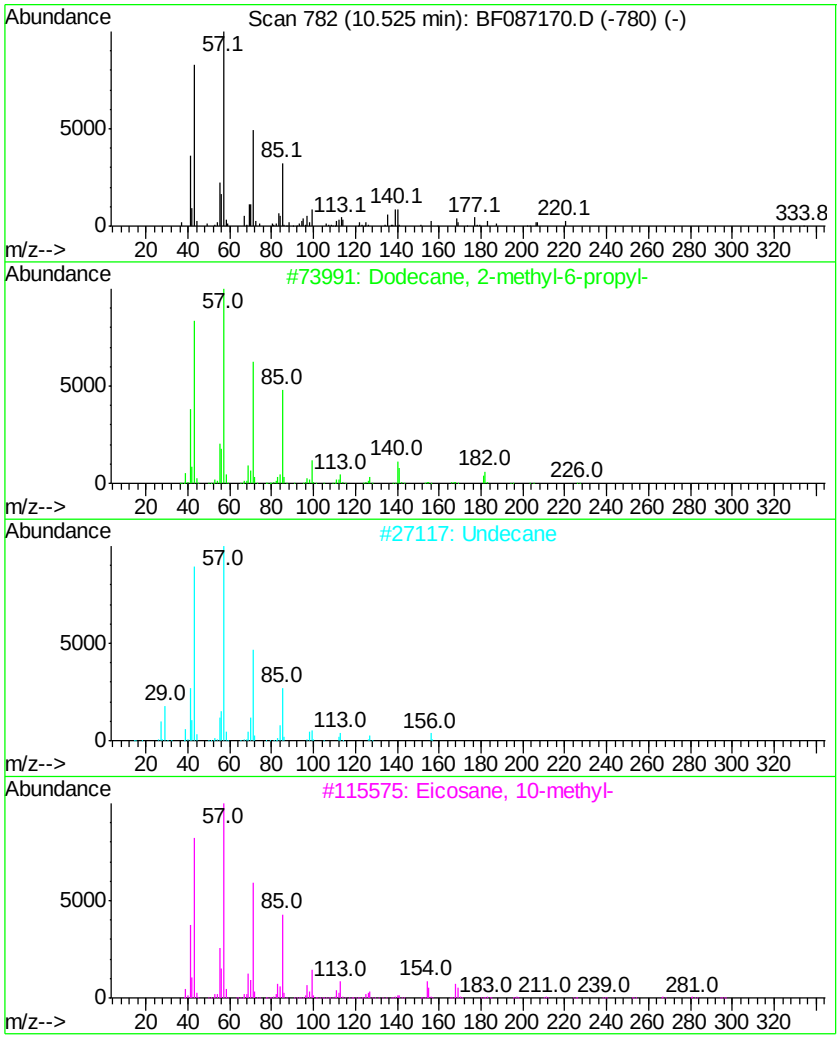
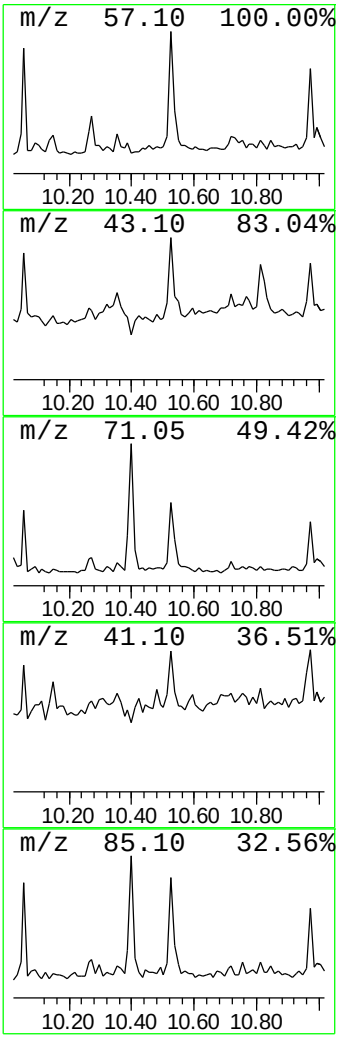
Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.73 ng	131153	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2	Undecane	156	C11H24	001120-21-4	68
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5	Hexadecane	226	C16H34	000544-76-3	64





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Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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

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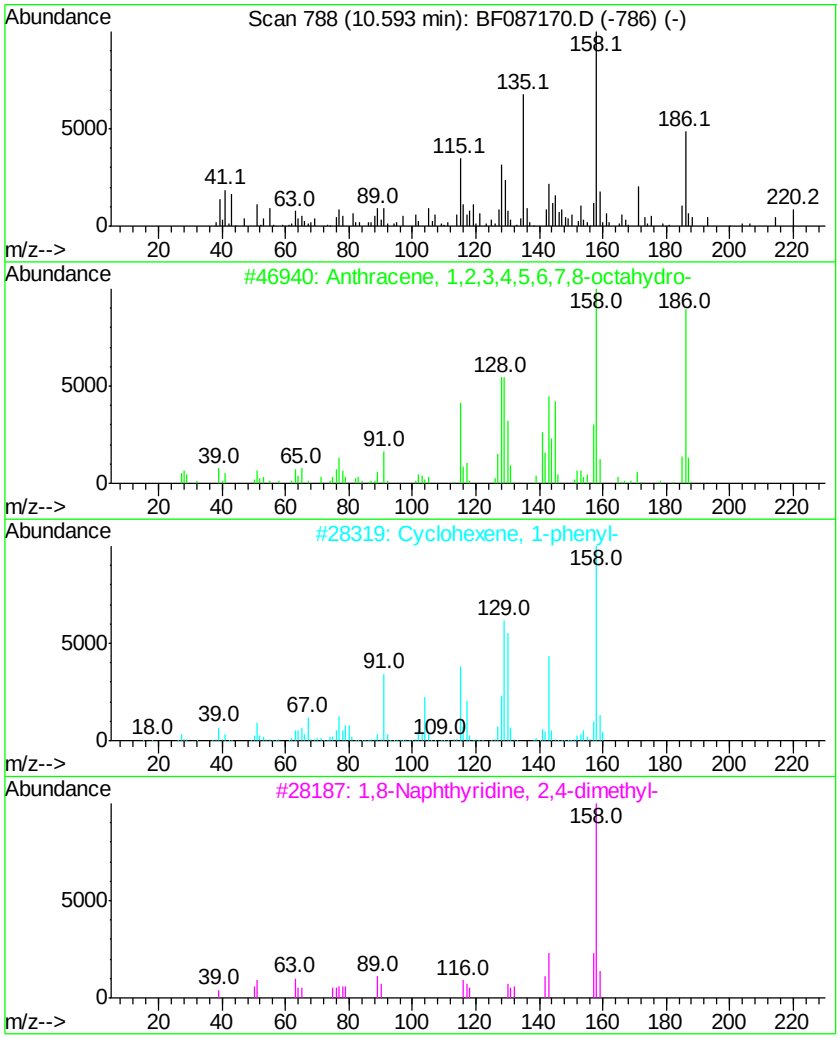
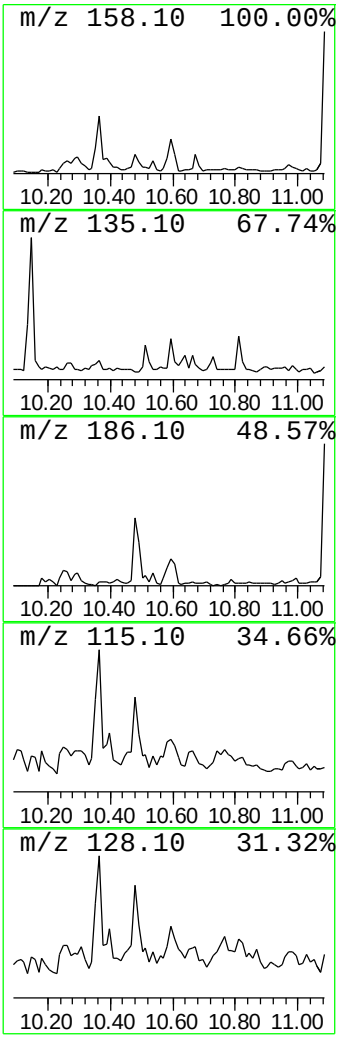
Peak Number 17 Anthracene, 1,2,3,4,5,6,7,8... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.23 ng	107172	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4,5,6,7,8-octa...	186	C14H18	001079-71-6	60
2	Cyclohexene, 1-phenyl-	158	C12H14	000771-98-2	38
3	1,8-Naphthyridine, 2,4-dimethyl-	158	C10H10N2	007544-64-1	38
4	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	32
5	Naphthalene, 2-methoxy-	158	C11H10O	000093-04-9	30





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TIC Library : C:\DATABASE\NIST02.L
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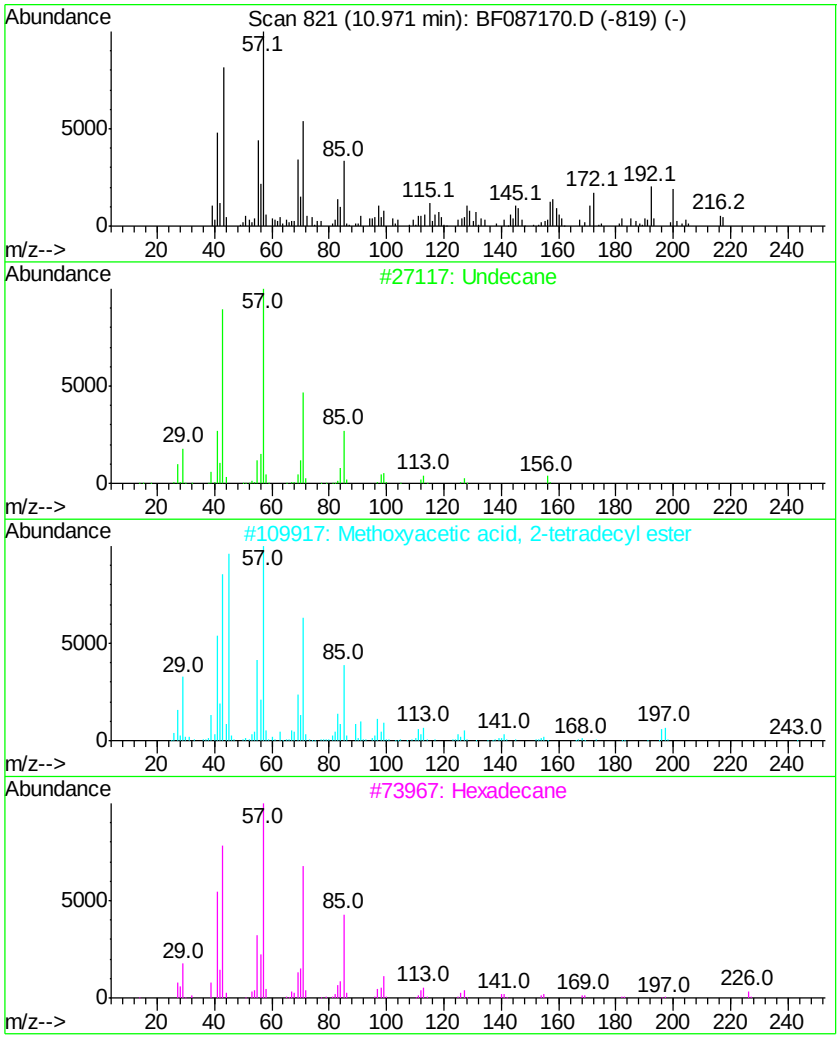
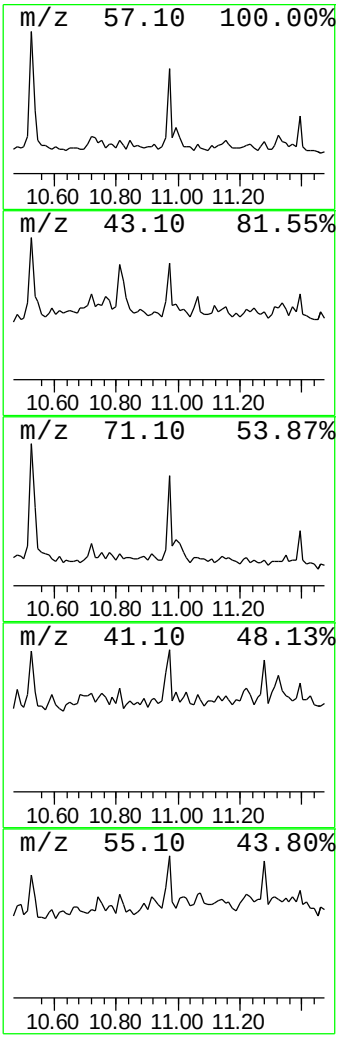
Peak Number 18 Undecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.53 ng	121552	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	80
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	38
3	Hexadecane	226	C16H34	000544-76-3	38
4	Tetratetracontane	619	C44H90	007098-22-8	38
5	Heptacosane	380	C27H56	000593-49-7	30





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TIC Library : C:\DATABASE\NIST02.L
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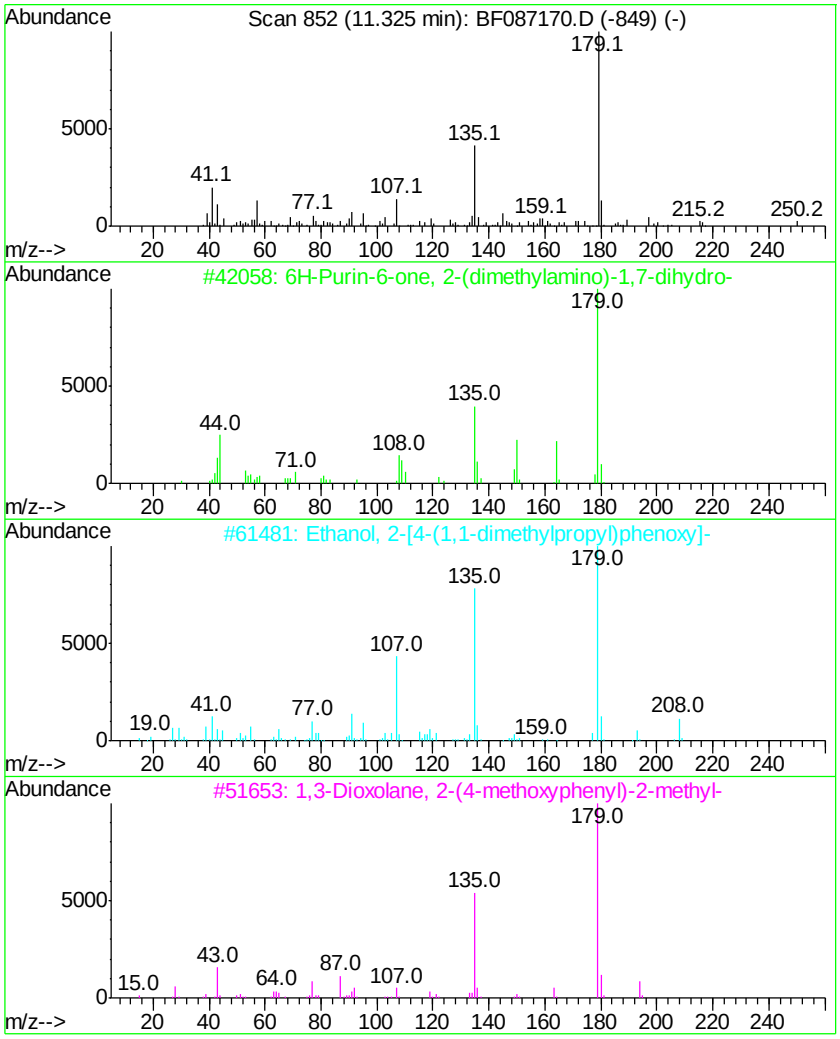
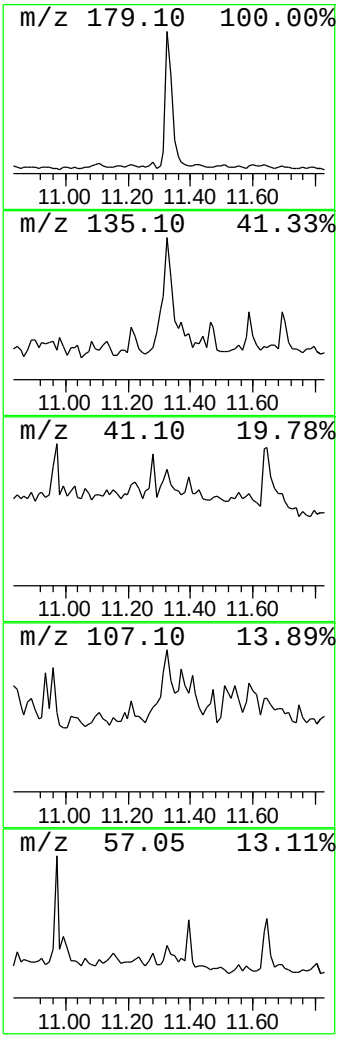
Peak Number 19 6H-Purin-6-one, 2-(dimethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.74 ng	131485	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	64
2	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	56
3	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	50
4	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	47
5	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	43





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

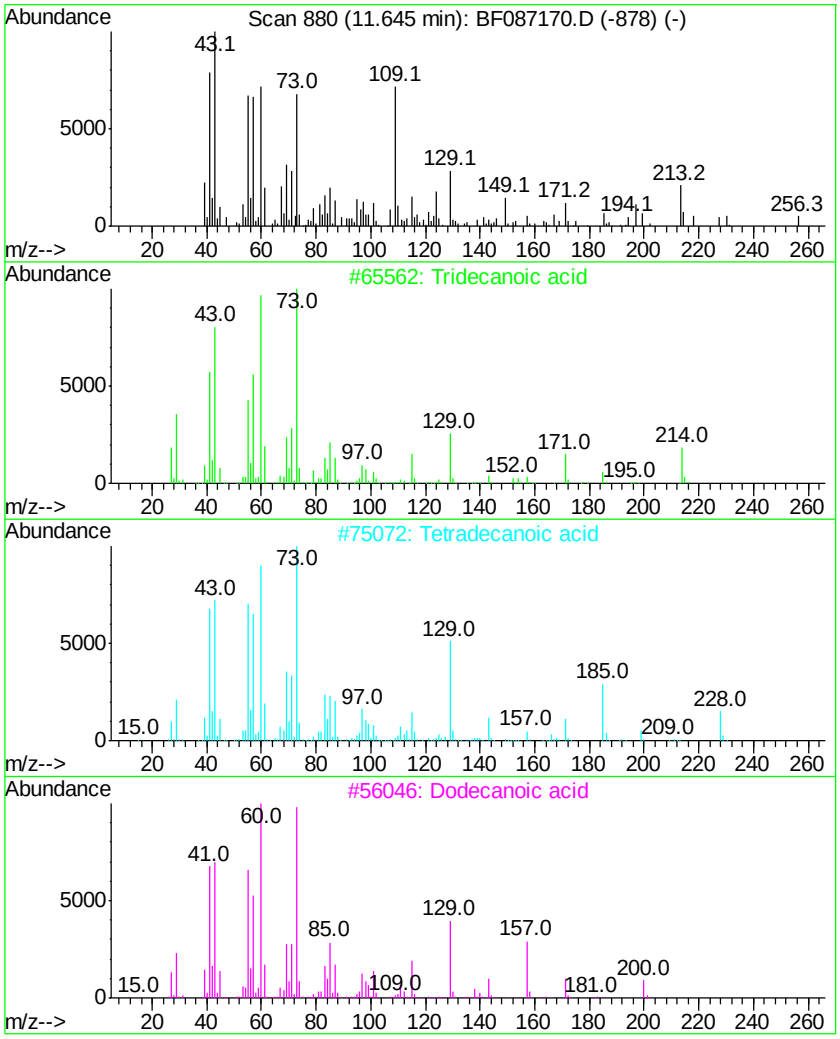
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

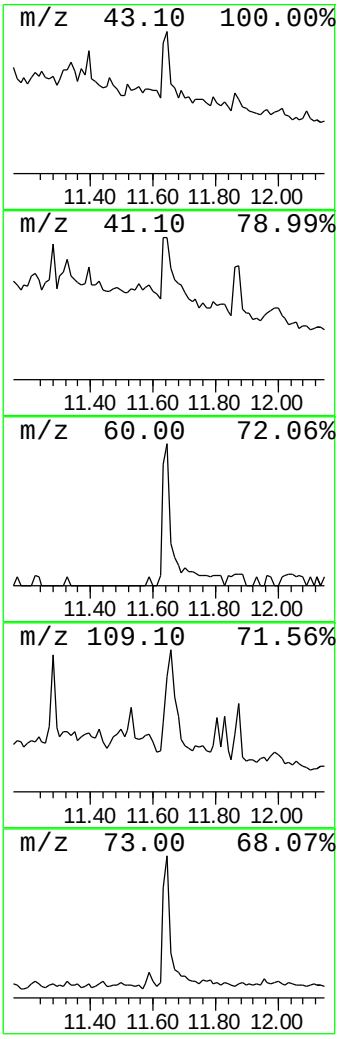
****

Peak Number 20 Tridecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.81 ng	134793	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	84
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
3	Dodecanoic acid	200	C12H24O2	000143-07-7	41
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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
2-Pentanone, 4-hy...	4.68	16.8	ng	683204	1	6.58	815349	20.0
2-Pentanone, 4-me...	5.56	4.7	ng	189558	1	6.58	815349	20.0
unknown6.35	6.35	86.2	ng	3512930	1	6.58	815349	20.0
unknown6.83	6.83	3.2	ng	129868	1	6.58	815349	20.0
4(1H)-Pyrimidinon...	8.31	8.0	ng	452494	2	7.86	1134290	20.0
Ethanone, 1-[4-(1...	8.70	2.2	ng	122860	2	7.86	1134290	20.0
Naphthalene, 1,2,...	9.29	6.3	ng	407183	3	9.61	1291680	20.0
Benzene, 2-(2-but...	9.93	4.6	ng	296280	3	9.61	1291680	20.0
unknown9.99	9.99	3.7	ng	237732	3	9.61	1291680	20.0
Naphthalene, 1,2,...	10.11	2.5	ng	163300	3	9.61	1291680	20.0
unknown10.25	10.25	2.5	ng	164258	3	9.61	1291680	20.0
unknown10.31	10.31	2.6	ng	168689	3	9.61	1291680	20.0
9H-Fluoren-9-one,...	10.48	3.8	ng	184600	4	11.08	960459	20.0
Dodecane, 2-methy...	10.52	2.7	ng	131153	4	11.08	960459	20.0
Anthracene, 1,2,3...	10.59	2.2	ng	107172	4	11.08	960459	20.0
Undecane	10.97	2.5	ng	121552	4	11.08	960459	20.0
6H-Purin-6-one, 2...	11.33	2.7	ng	131485	4	11.08	960459	20.0
Tridecanoic acid	11.65	2.8	ng	134793	4	11.08	960459	20.0