LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

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-BF060716.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	1.724	10	12	70	rVB	1210926	2737084	100.00%	7.246%
2	4.719	272	274	289	rBV	218434	467954	17.10%	1.239%
3	5.199	313	316	332	rBV	986774	1926387	70.38%	5.100%
4	5.587	349	350	355	rVB	24577	28731	1.05%	0.076%
5	5.770	363	366	369	rBV2	12901	30092	1.10%	0.080%
6	5.827	369	371	374	rVB	22632	36061	1.32%	0.095%
7	6.124	393	397	400	rBV2	25142	75090	2.74%	0.199%
8	6.227	400	406	407	rBV3	34902	79367	2.90%	0.210%
9	6.273	407	410	414	rBV	1331188	1881681	68.75%	4.982%
10	6.330	414	415	416	rBV	27953	32057	1.17%	0.085%
11	6.376	416	419	423	rVB	1247840	1945772	71.09%	5.151%
12	6.444	423	425	426	rVB	58230	70604	2.58%	0.187%
13	6.490	426	429	430	rBV3	25375	34359	1.26%	0.091%
14	6.547	430	434	436	rBV4	44996	109192	3.99%	0.289%
15	6.593	436	438	441	rVB	400109	461836	16.87%	1.223%
16	6.650	441	443	444	rBV	40026	47188	1.72%	0.125%
17	6.673	444	445	447	rBV	38034	72101	2.63%	0.191%
18	6.719	447	449	450	rBV2	39619	41645	1.52%	0.110%
19	6.753	450	452	455	rVB	1209051	1463528	53.47%	3.875%
20	6.810	455	457	460	rBV4	31630	45006	1.64%	0.119%
21	6.856	460	461	464	rVB3	89851	117020	4.28%	0.310%
22	6.982	467	472	473	rBV4	226851	327370	11.96%	0.867%
23	7.016	473	475	476	rBV	169169	202707	7.41%	0.537%
24	7.073	478	480	482	rBV3	48114	79319	2.90%	0.210%
25	7.119	482	484	487	rBV3	101381	161686	5.91%	0.428%
26	7.176	487	489	492	rVB	819475	1185392	43.31%	3.138%
27	7.244	492	495	497	rVB2	140470	238668	8.72%	0.632%
28	7.313	497	501	503	rBV4	110463	314688	11.50%	0.833%
29	7.359	503	505	507	rVB2	76192	131087	4.79%	0.347%
30	7.404	507	509	511	rBV2	464742	584388	21.35%	1.547%
31	7.462	511	514	515	rBV3	263608	315320	11.52%	0.835%
32	7.519	515	519	521	rVB3	573763	847711	30.97%	2.244%
33	7.565	521	523	524	rBV2	114977	186833	6.83%	0.495%
34	7.599	524	526	528	rBV2	129128	177351	6.48%	0.470%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.645	528	530	533	rBV3	191978	343423	12.55%	0.909%
36	7.713	533	536	538	rBV3	258916	453271	16.56%	1.200%
37	7.782	538	542	546	rBV6	421858	918873	33.57%	2.433%
38	7.885	547	551	552	rVB2	808584	1025541	37.47%	2.715%
39	7.919	552	554	556	rBV2	217411	307091	11.22%	0.813%
40	7.987	556	560	564	rBV7	215434	804234	29.38%	2.129%
41	8.056	564	566	567	rBV2	322706	353020	12.90%	0.935%
42	8.090	567	569	571	rBV	561925	615716	22.50%	1.630%
43	8.170	571	576	578	rVB5	514854	943105	34.46%	2.497%
44	8.205	578	579	580	rBV	220054	288827	10.55%	0.765%
45	8.330	588	590	593	rBV3	570126	1024561	37.43%	2.712%
46	8.387	593	595	596	rVB2	353617	310249	11.34%	0.821%
47	8.433	596	599	602	rVB3	636847	877469	32.06%	2.323%
48	8.513	602	606	607	rBV2	364530	813271	29.71%	2.153%
49	8.627	615	616	618	rBV2	354838	501056	18.31%	1.327%
50	8.879	636	638	639	rBV	494625	512977	18.74%	1.358%
51	8.970	643	646	648	rVB	1356814	1584537	57.89%	4.195%
52	9.039	650	652	655	rBV2	898384	1452993	53.09%	3.847%
53	9.348	677	679	680	rBV	952344	933234	34.10%	2.471%
54	9.519	691	694	696	rBV4	507138	1343549	49.09%	3.557%
55	9.553	696	697	699	rVB	827606	630774	23.05%	1.670%
56	9.622	701	703	707	rBV5	584021	1370525	50.07%	3.628%
57	10.045	739	740	742	rBV	460596	357438	13.06%	0.946%
58	10.433	772	774	778	rBV5	386528	1026234	37.49%	2.717%
59	12.696	970	972	974	rVB	1188563	1273972	46.54%	3.373%
60	13.588	1049	1050	1055	rVB3	99240	166071	6.07%	0.440%
61	13.737	1061	1063	1065	rVB	388078	435235	15.90%	1.152%
62	14.479	1126	1128	1134	rVB	130690	143534	5.24%	0.380%
63	15.085	1179	1181	1187	rVB	380257	474155	17.32%	1.255%
64	16.400	1294	1296	1301	rVB4	16332	32288	1.18%	0.085%

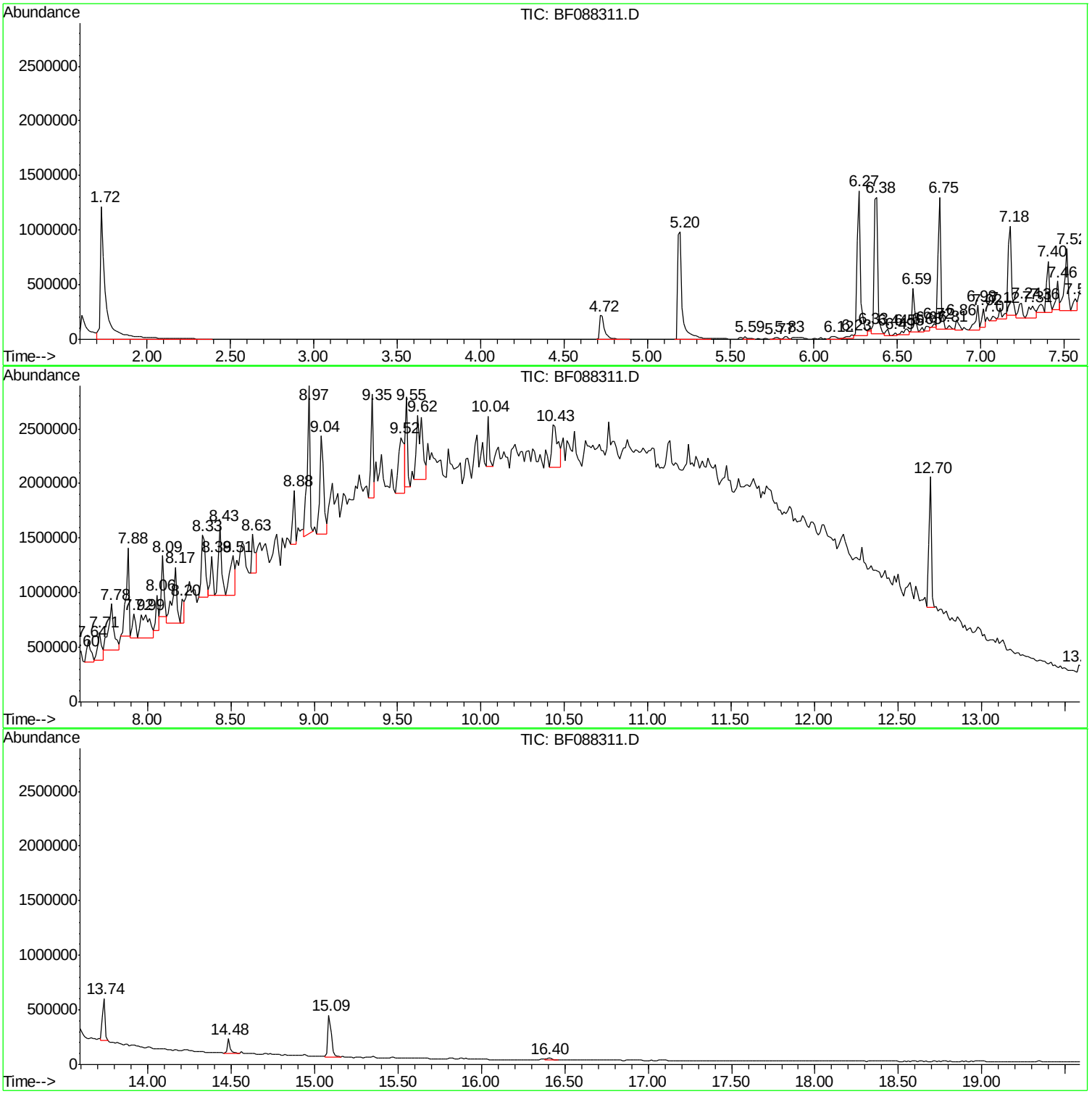
Sum of corrected areas: 37772498

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

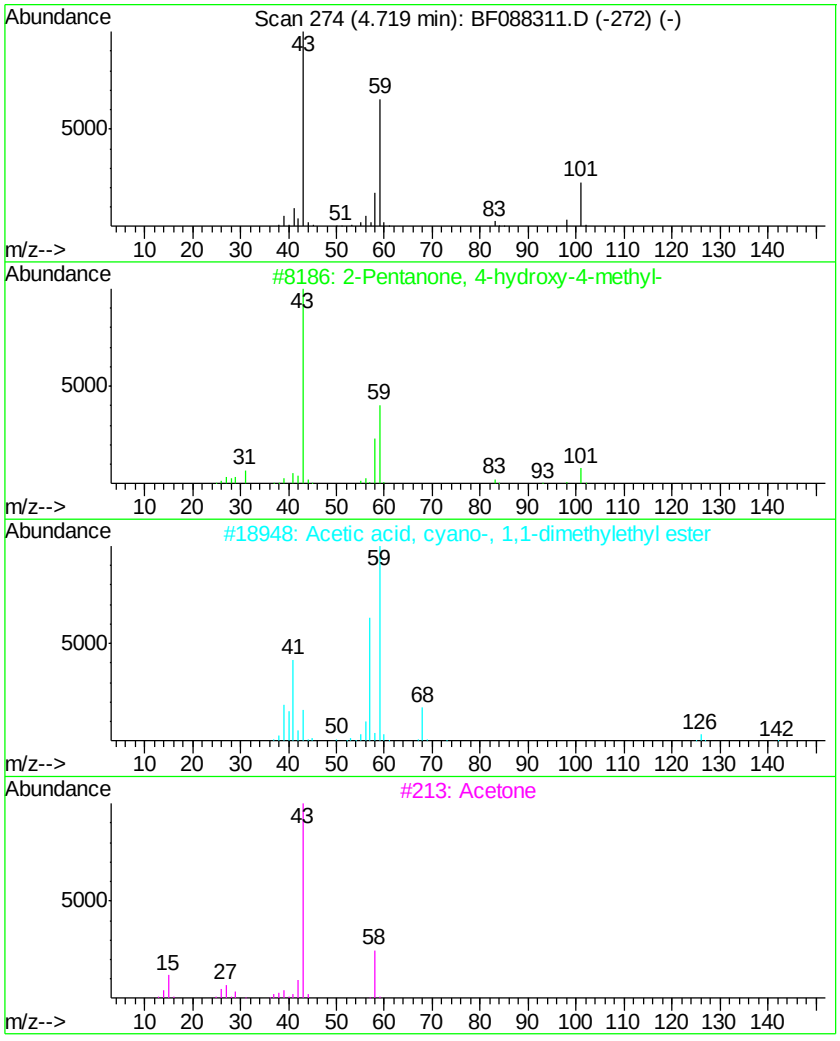
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

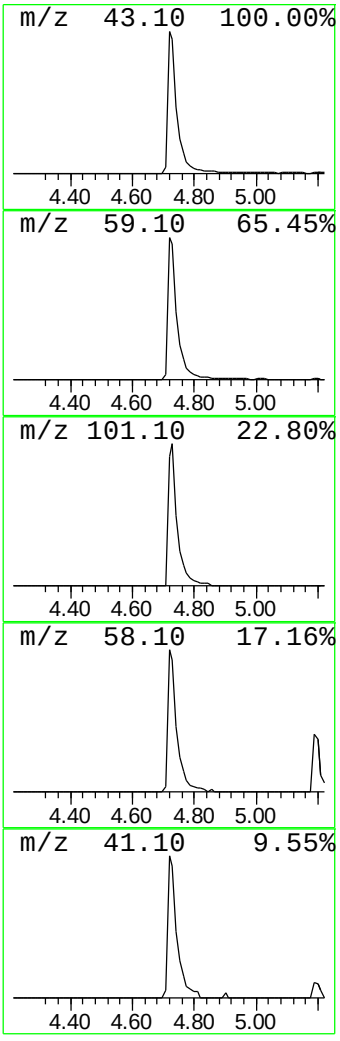
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	20.26 ng	467954	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

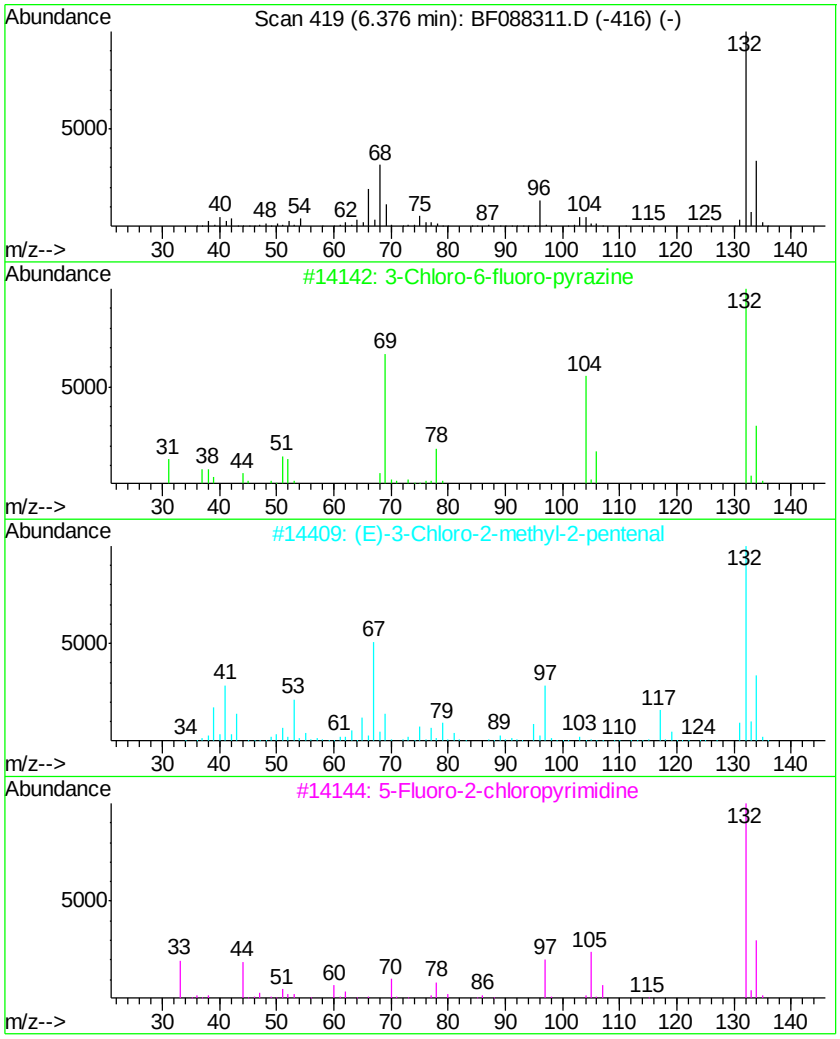
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

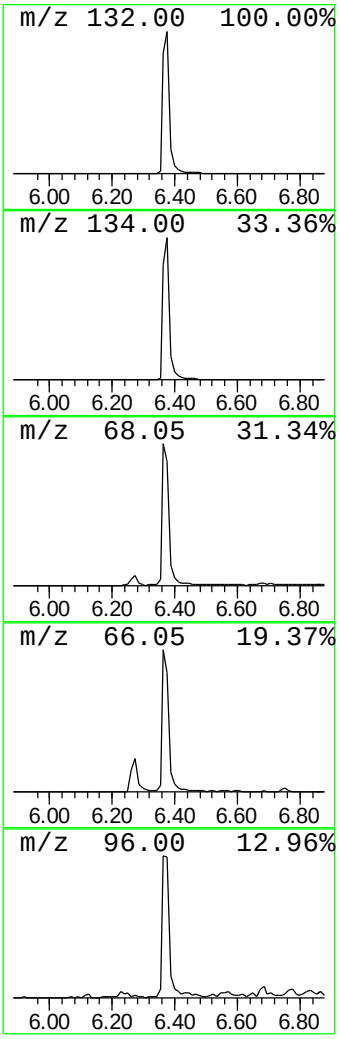
****

Peak Number 3 unknown6.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	84.26 ng	1945770	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

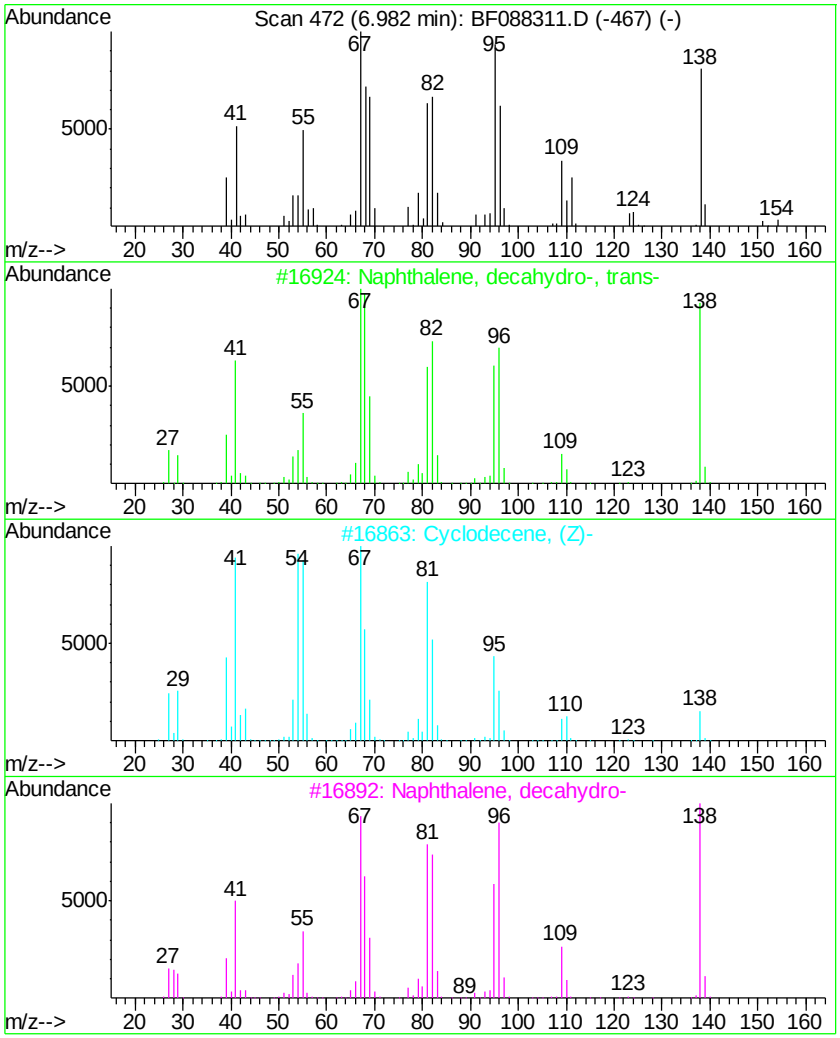
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

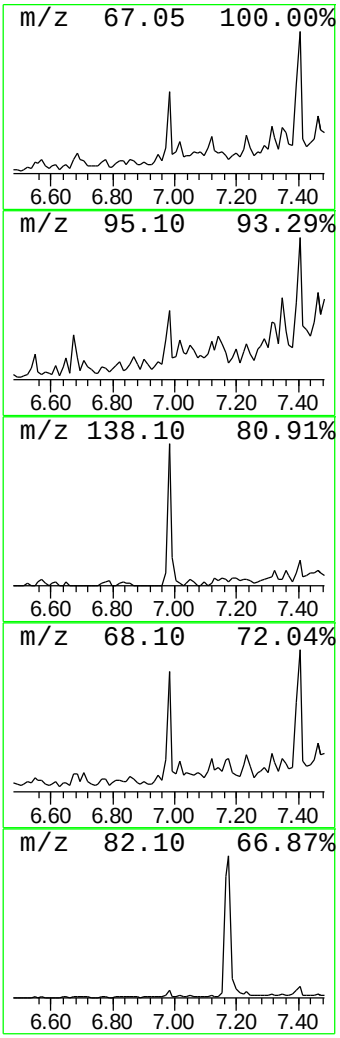
****

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	14.18 ng	327370	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Cyclodecene, (Z)-	138	C10H18	000935-31-9	90
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	81
4	Spiro[4.5]decane	138	C10H18	000176-63-6	76
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	70





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

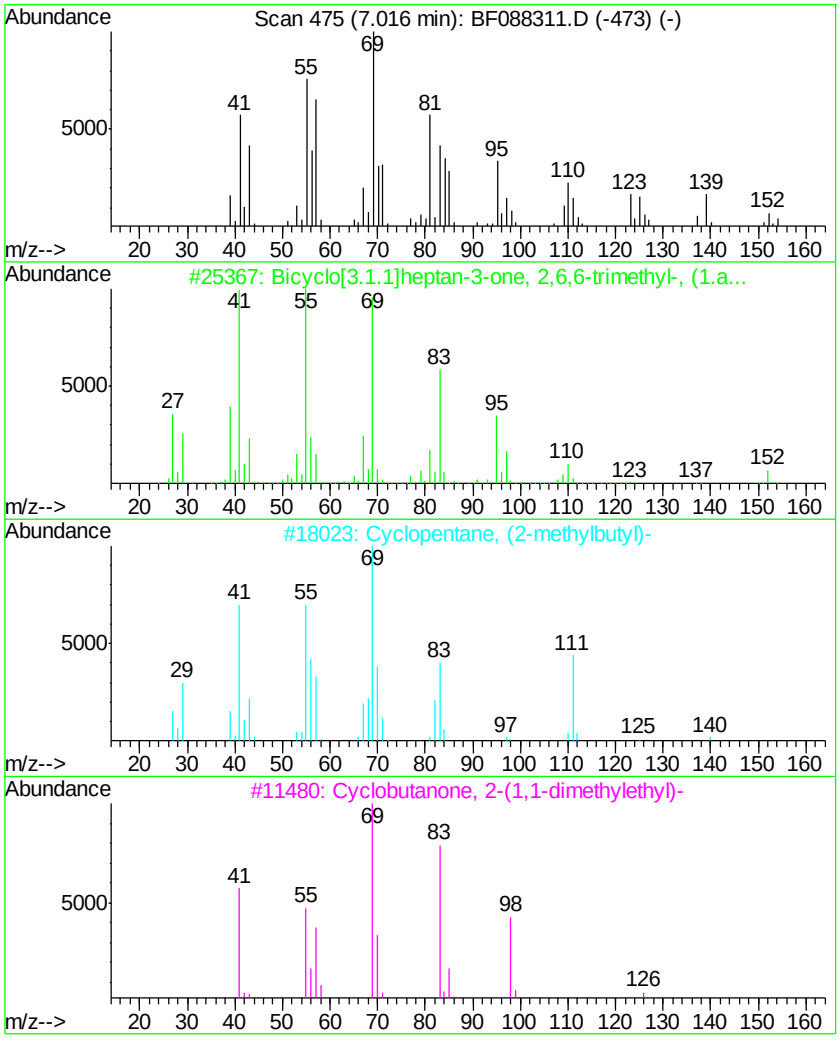
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

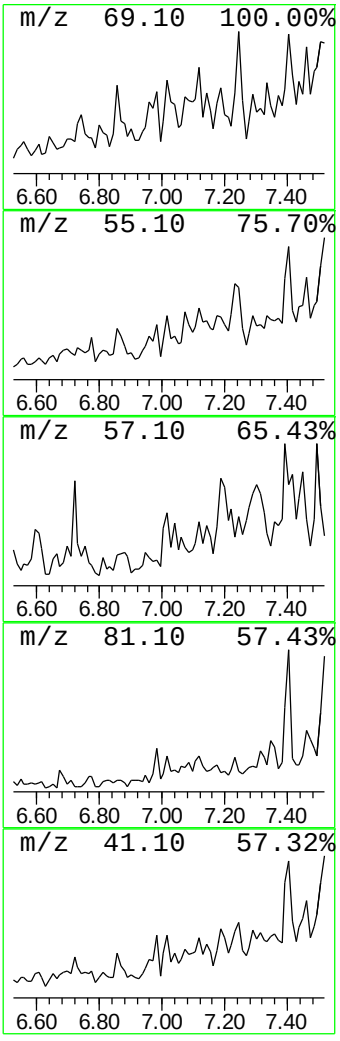
****

Peak Number 6 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	8.78 ng	202707	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	53
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
3	Cyclobutanone, 2-(1,1-dimethylet...	126	C8H14O	004579-31-1	46
4	2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	43
5	11-Methyldodecanol	200	C13H28O	085763-57-1	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

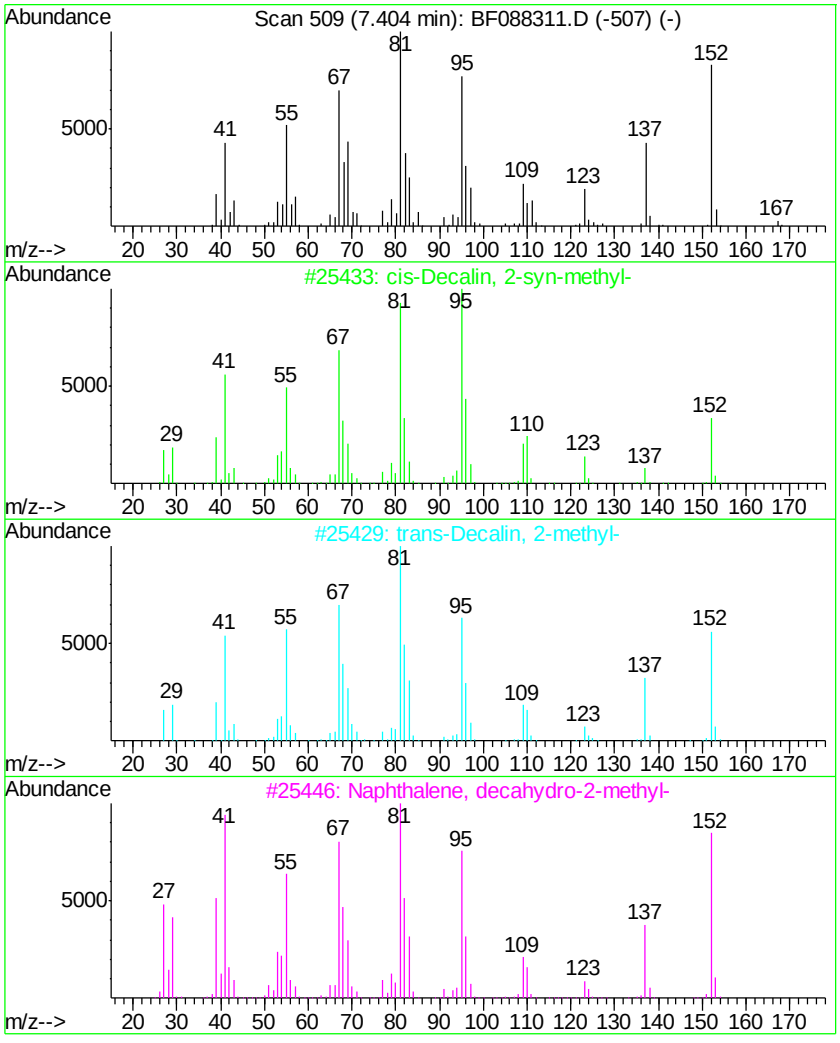
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

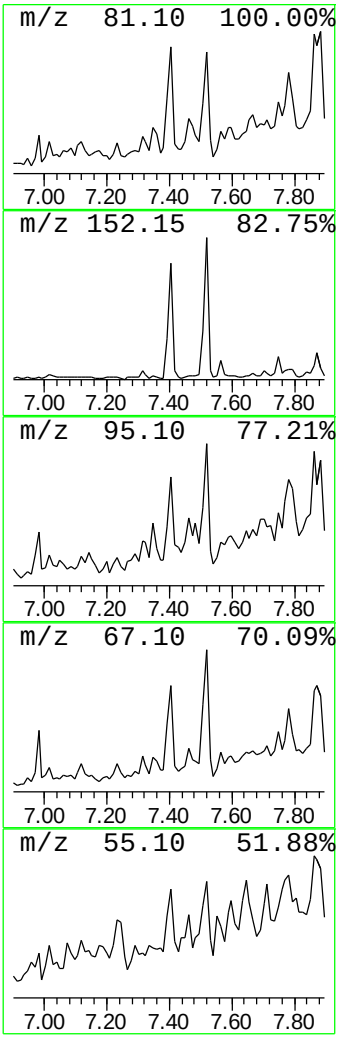
****

Peak Number 7 cis-Decalin, 2-syn-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	11.40 ng	584388	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	91
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
5	6a-Methyl-hexahydropentalene-1,6...	152	C9H12O2	092485-86-4	60





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

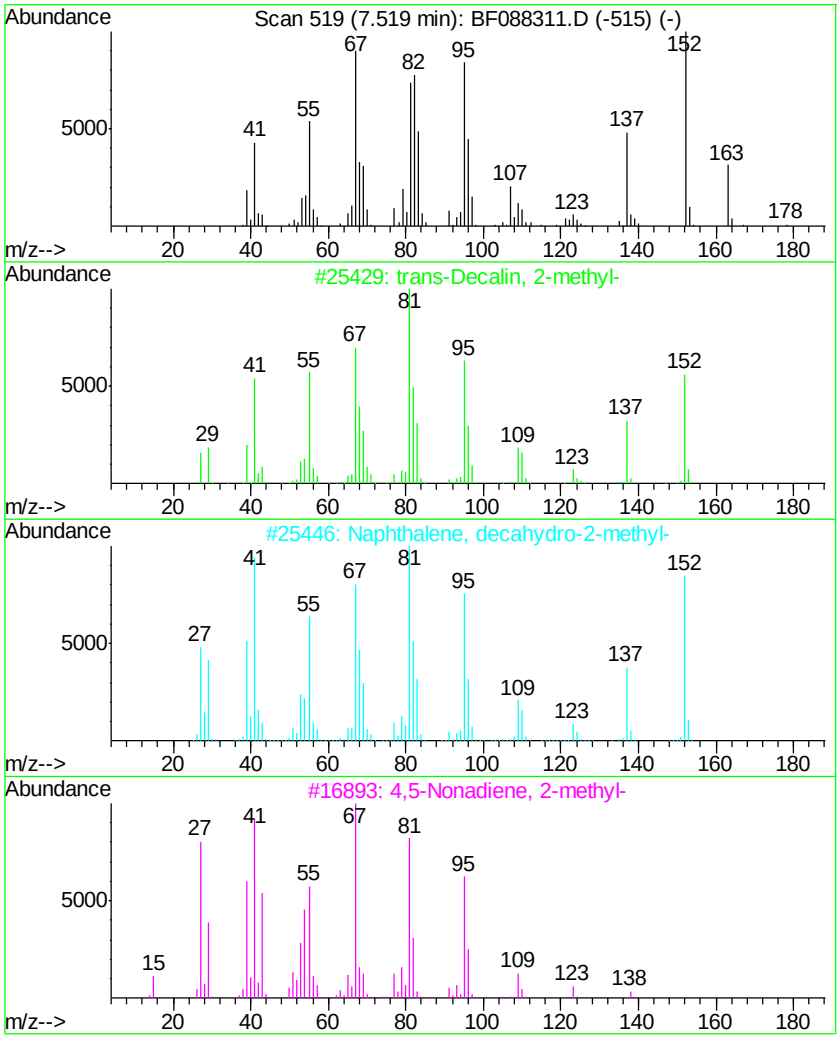
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

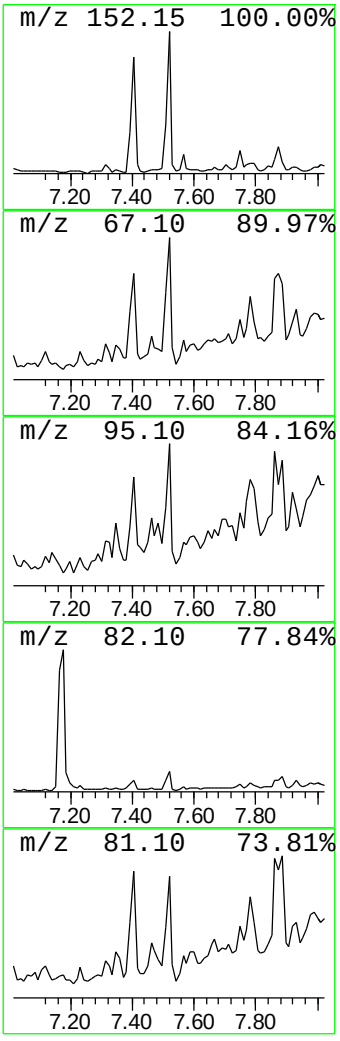
****

Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	16.53 ng	847711	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
3	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	50
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49
5	Cyclopentene,1-hexyl-	152	C11H20	004291-99-0	45





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

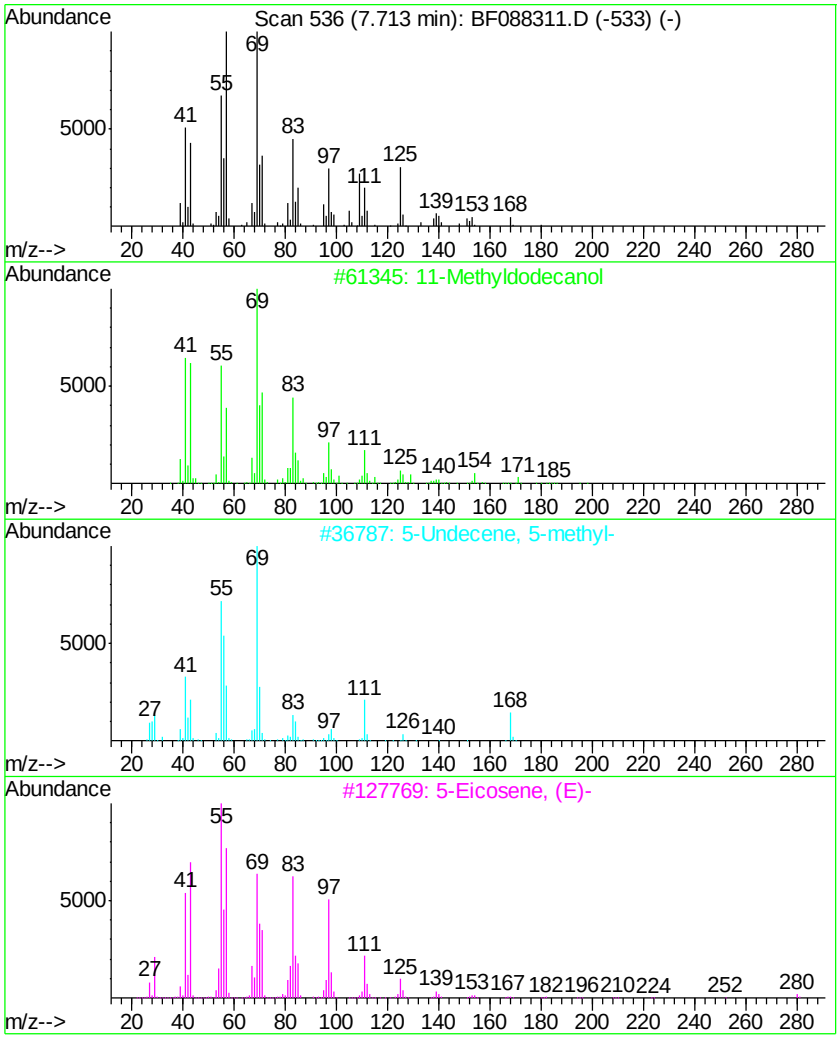
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

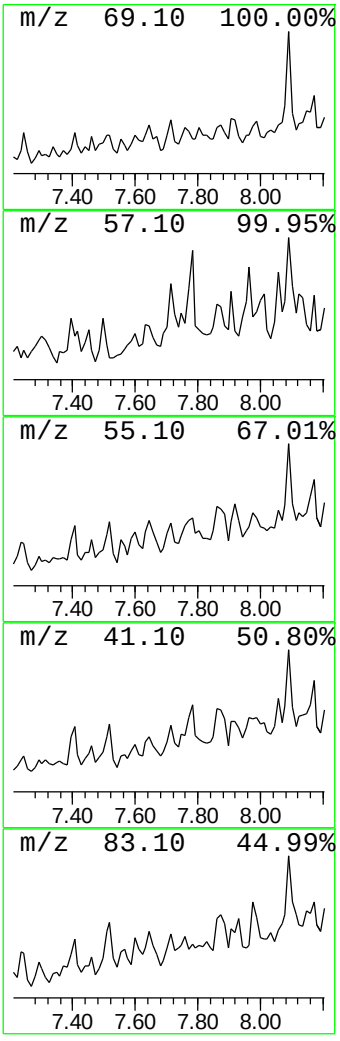
****

Peak Number 9 11-Methyldodecanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	8.84 ng	453271	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Methyldodecanol	200	C13H28O	085763-57-1	64
2	5-Undecene, 5-methyl-	168	C12H24	031613-73-7	41
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	35
4	3-Undecene, 2-methyl-, (Z)-	168	C12H24	074630-48-1	30
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

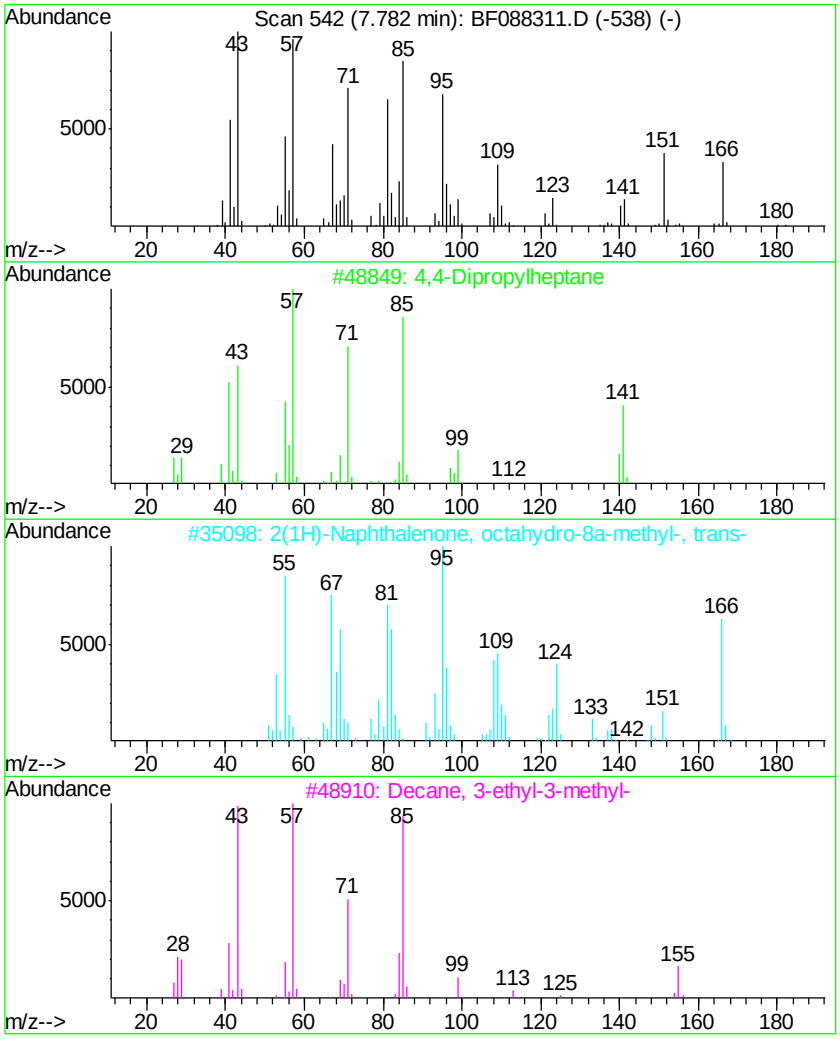
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

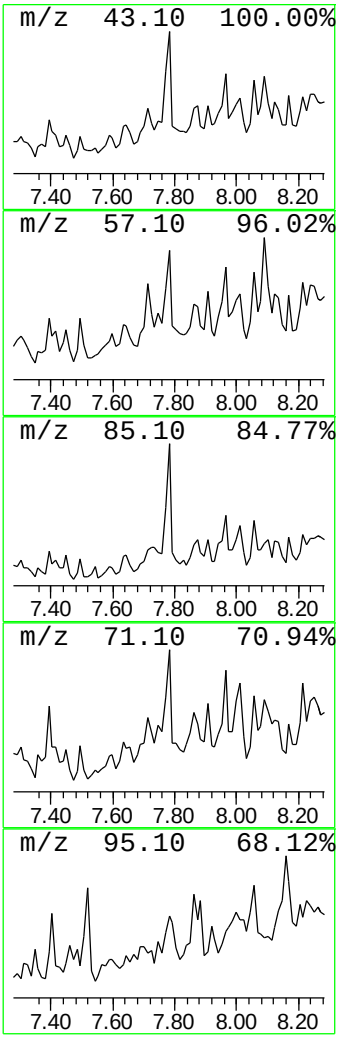
****

Peak Number 10 unknown7.78 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	17.92 ng	918873	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dipropylheptane	184	C13H28	017312-72-0	38
2	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	38
3	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	35
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	30
5	9-methylheptadecane	254	C18H38	026741-18-4	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

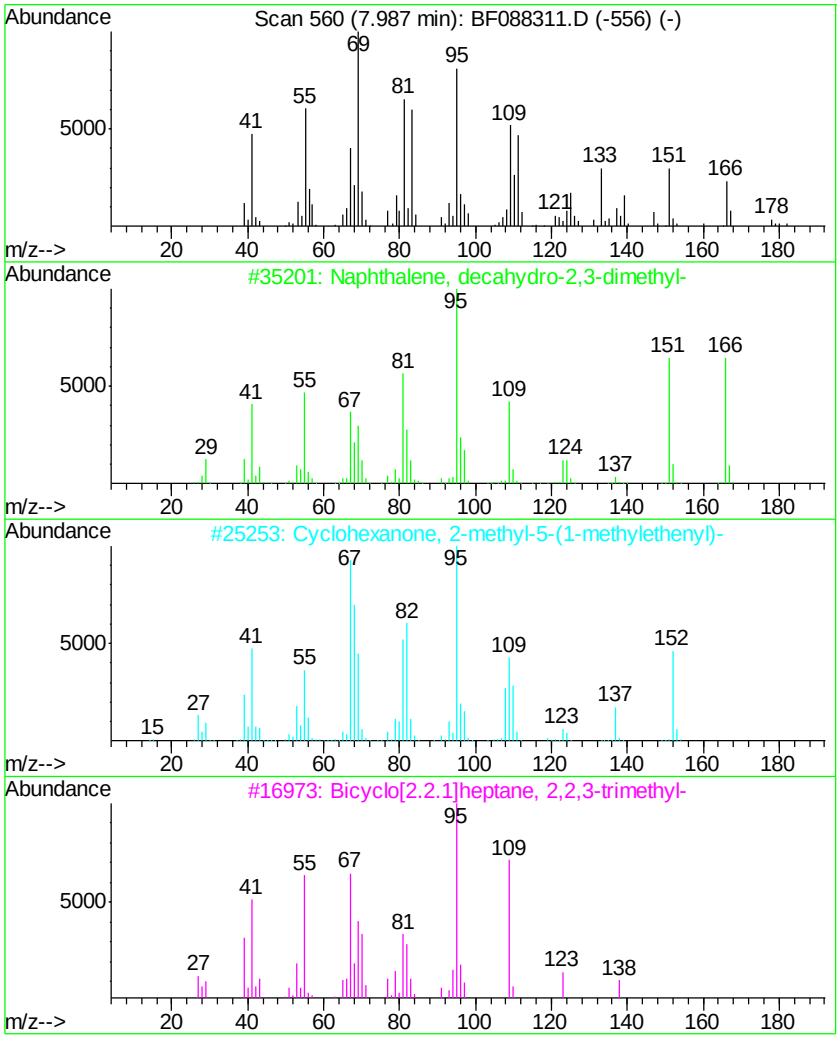
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

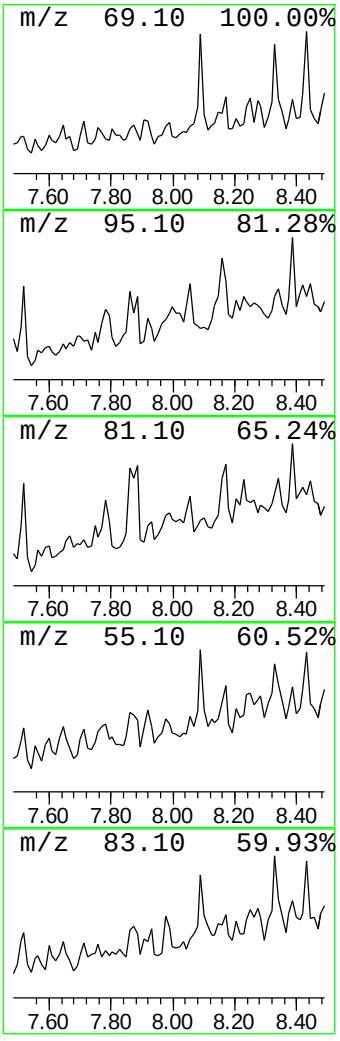
****

Peak Number 11 unknown7.99 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	15.68 ng	804234	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	46
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	38
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	38
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
5	Citronellyl tiglate	238	C15H26O2	024717-85-9	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

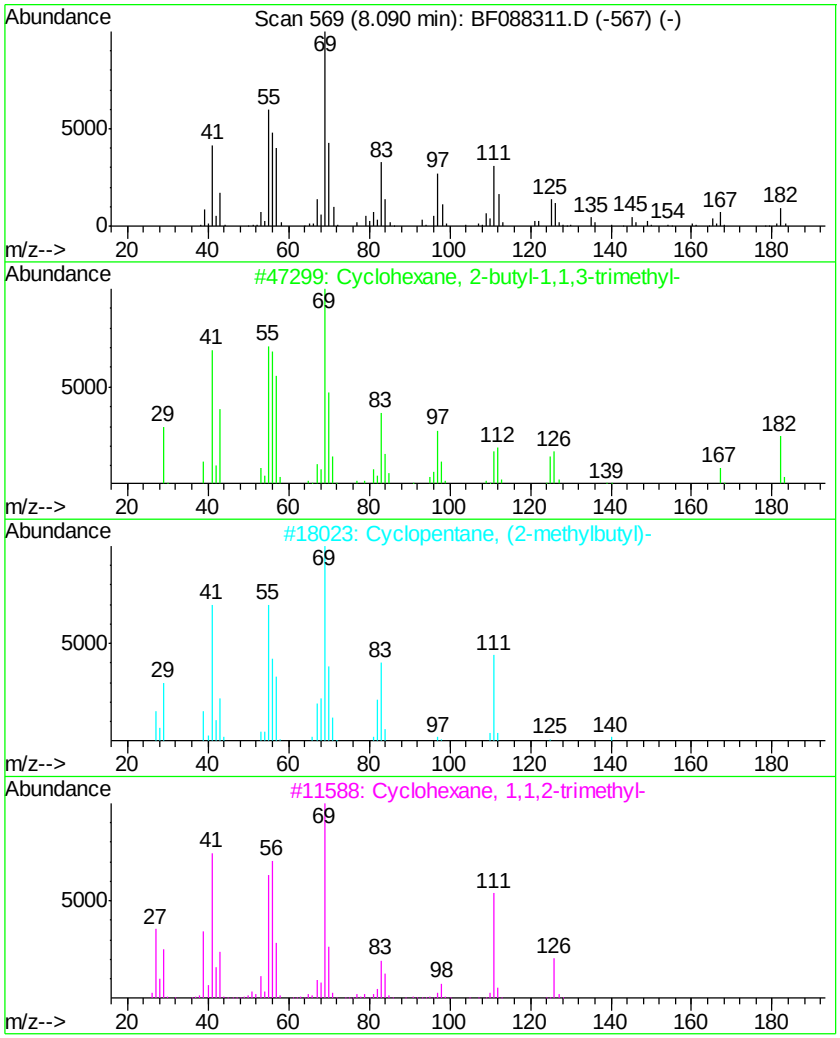
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

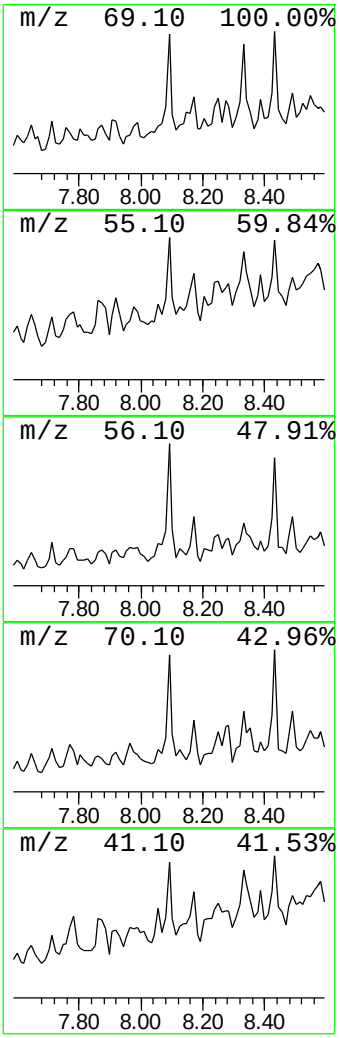
****

Peak Number 12 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	12.01 ng	615716	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	83
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	53
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	52
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

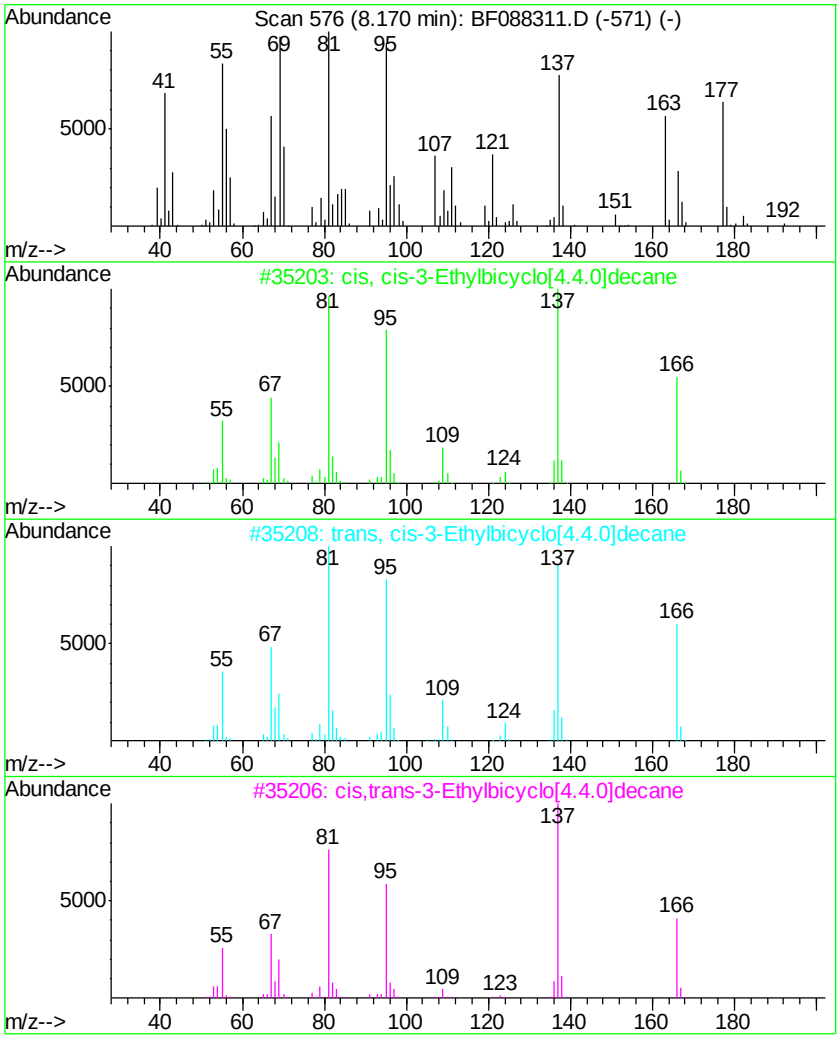
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

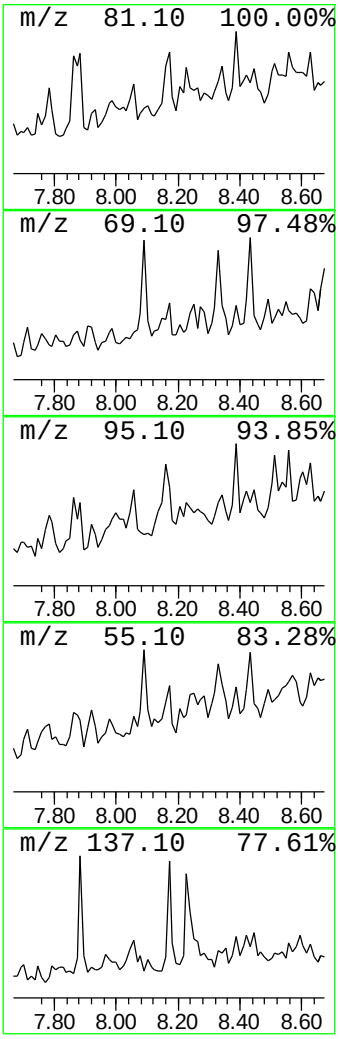
****

Peak Number 13 cis, cis-3-Ethylbicyclo[4.4... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	18.39 ng	943105	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	55
2	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	49
3	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	46
4	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	38
5	Cyclohexene, 4,5-diethyl-1,2-dim...	166	C12H22	014113-70-3	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

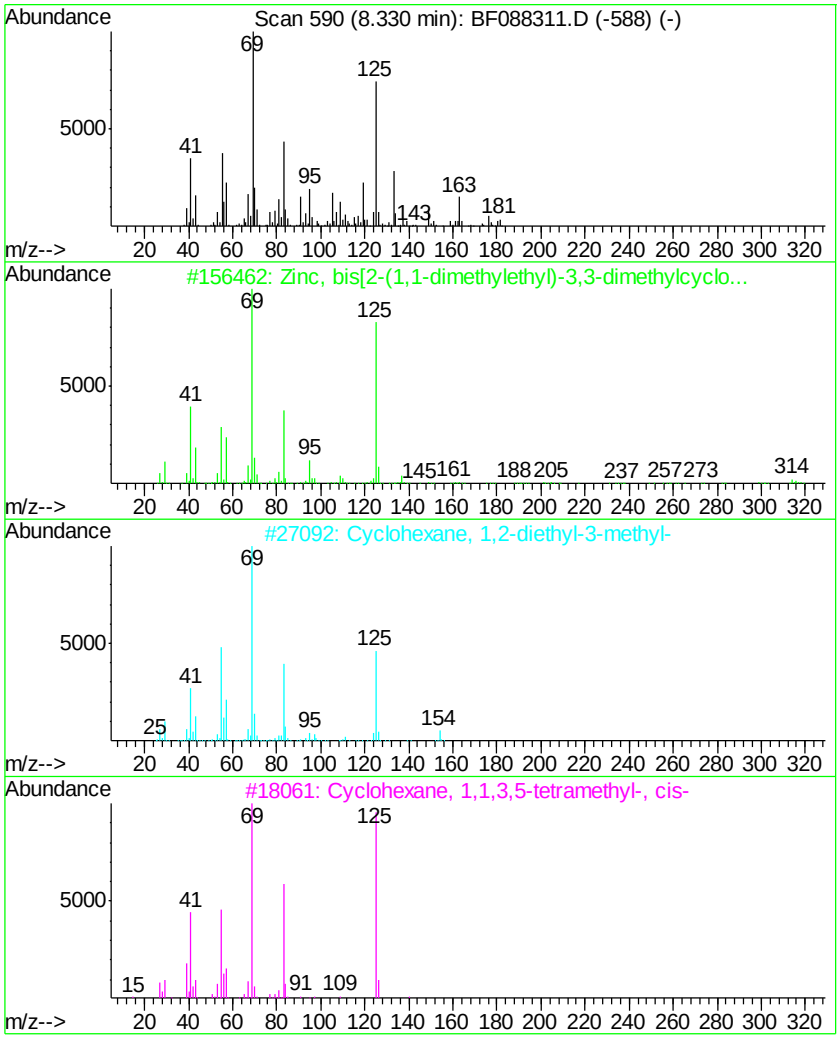
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

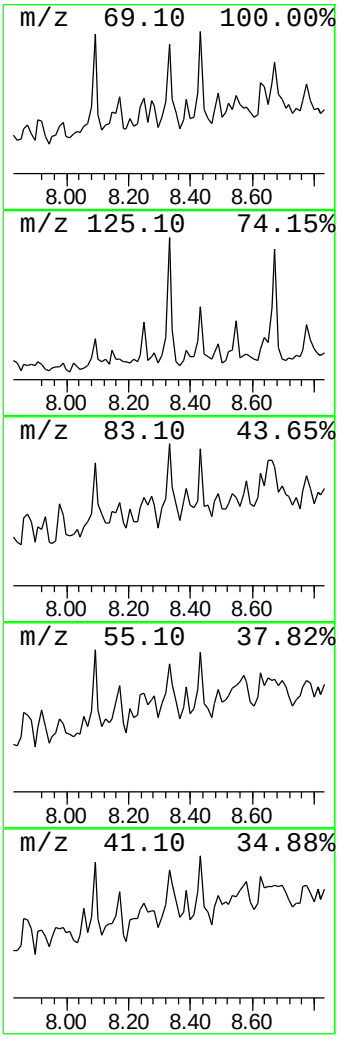
****

Peak Number 14 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	19.98 ng	1024560	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	53
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	53
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
4	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
5	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	40





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

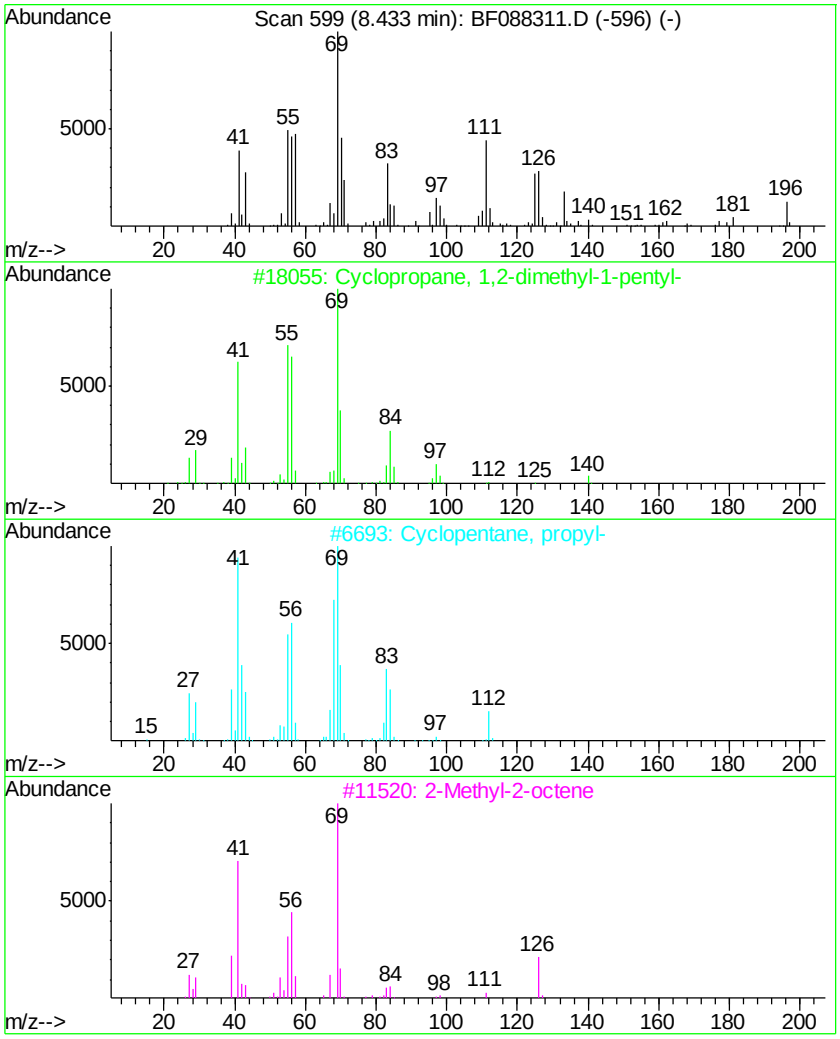
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

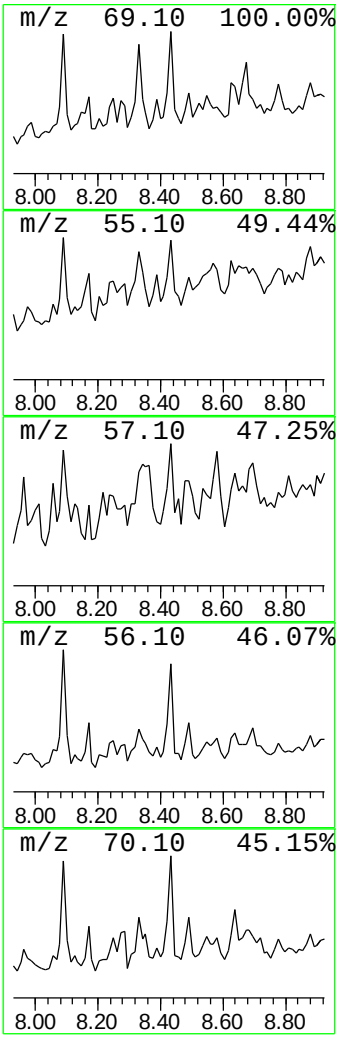
****

Peak Number 15 unknown8.43 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	17.11 ng	877469	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	49
3	2-Methyl-2-octene	126	C9H18	016993-86-5	43
4	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	43
5	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

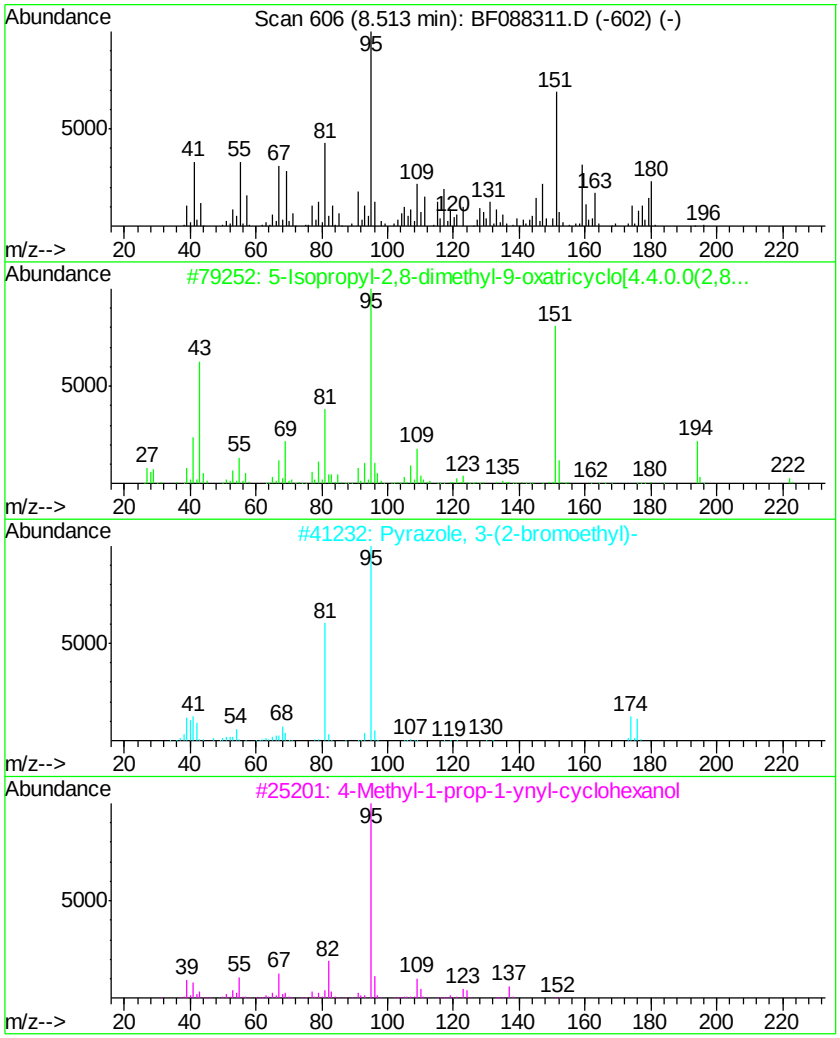
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

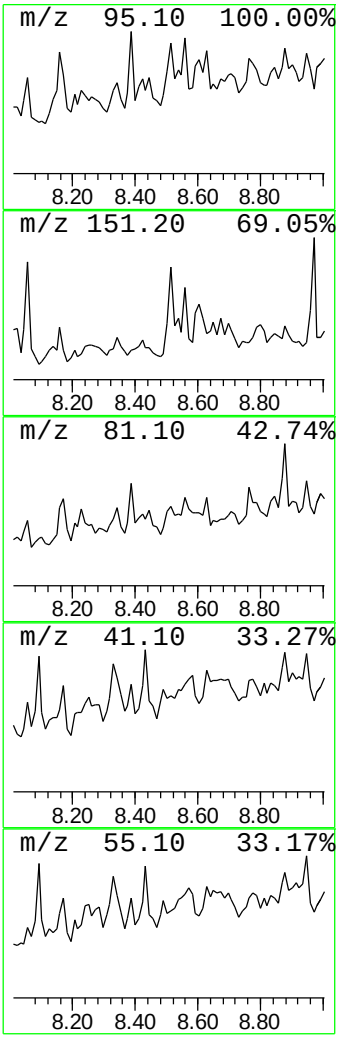
****

Peak Number 16 unknown8.51 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	15.86 ng	813271	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Isopropyl-2,8-dimethyl-9-oxatr...	222	C14H22O2	1000185-23-8	32
2	Pyrazole, 3-(2-bromoethyl)-	174	C5H7BrN2	211738-72-6	25
3	4-Methyl-1-prop-1-ynyl-cyclohexanol	152	C10H16O	1000362-94-7	22
4	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	16
5	Cycloheptane, 1-chloro-3-iodo-	258	C7H12ClI	1000337-09-8	14





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

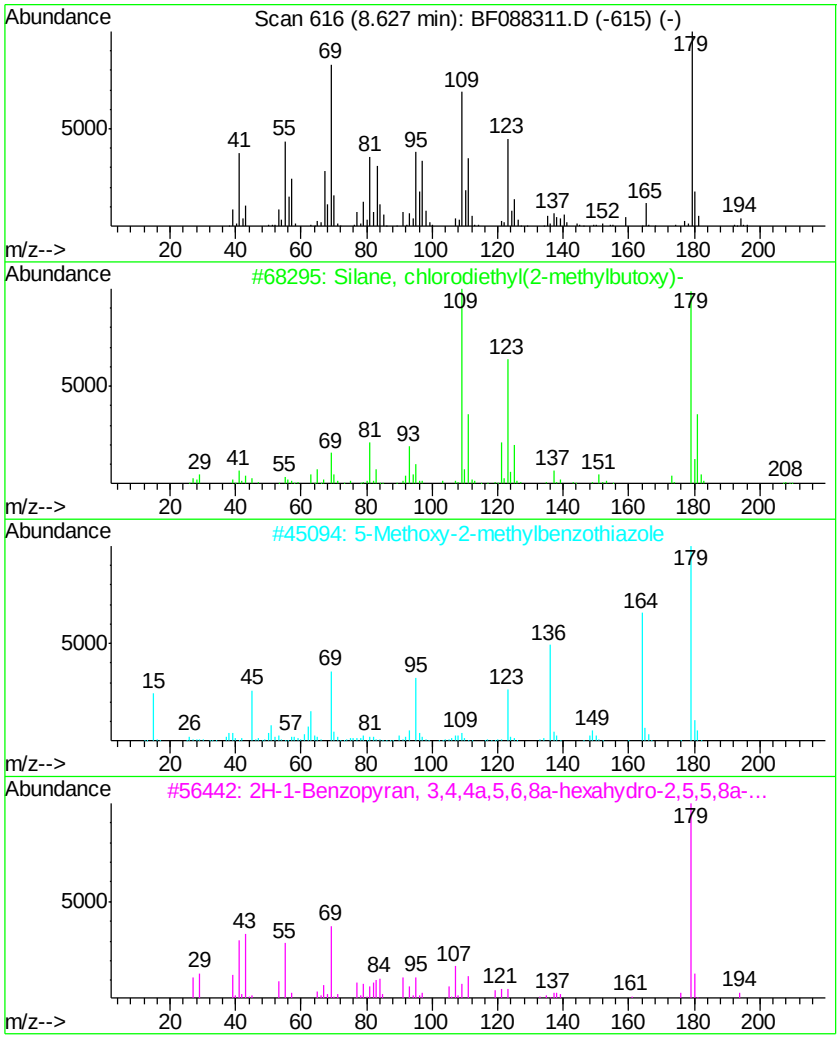
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

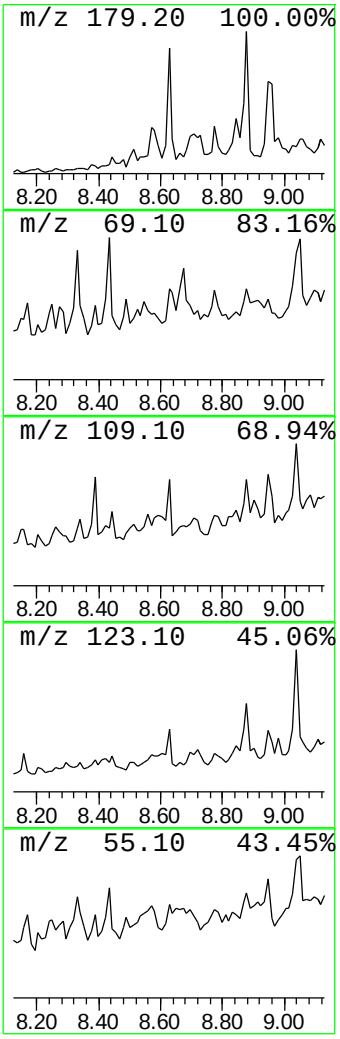
****

Peak Number 17 unknown8.63 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	9.77 ng	501056	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethyl(2-methylbu...	208	C9H21ClOSi	1000363-11-1	47
2	5-Methoxy-2-methylbenzothiazole	179	C9H9NOS	1000342-71-0	35
3	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	27
4	Cyclohexane, 1,1'-ethylidenebis-	194	C14H26	002319-61-1	18
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	18





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

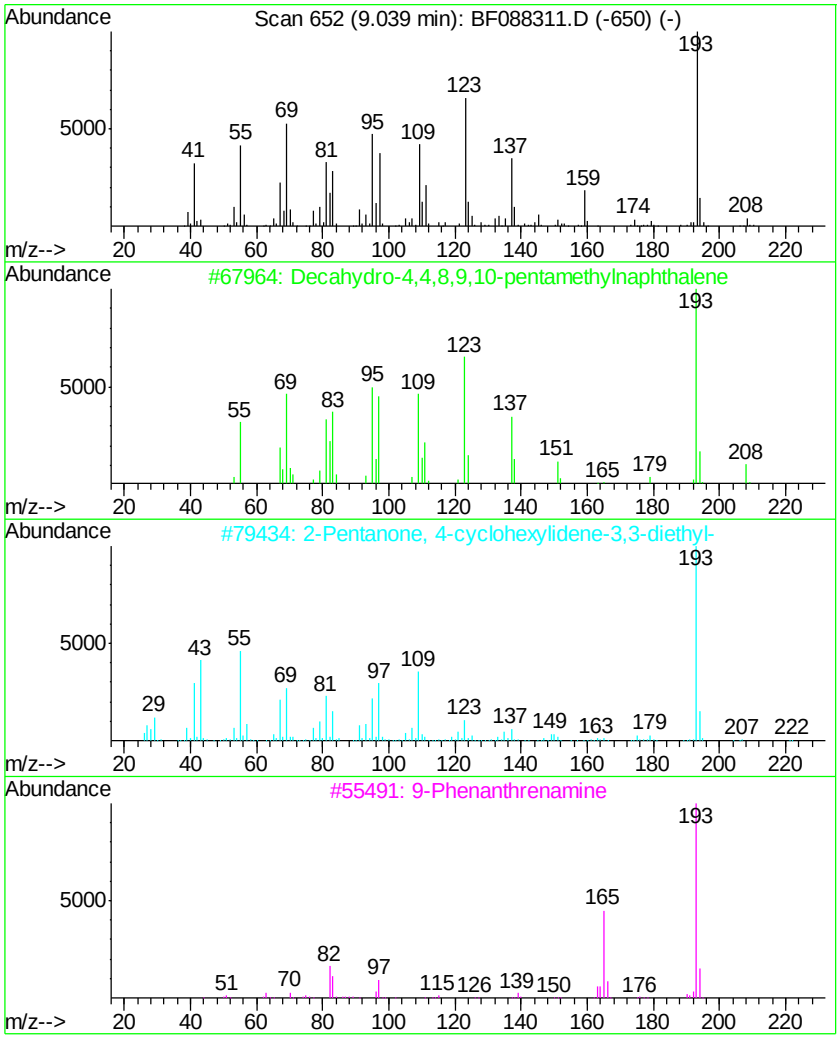
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

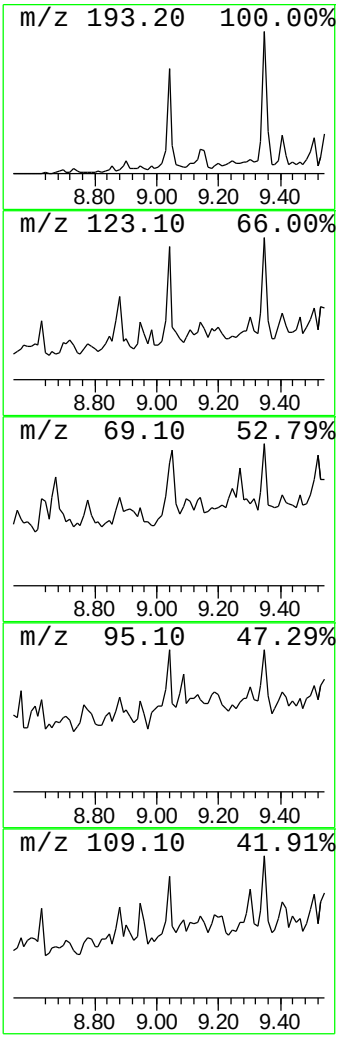
****

Peak Number 18 Decahydro-4,4,8,9,10-pentam... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	21.20 ng	1452990	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	91
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	47
3	9-Phenanthrenamine	193	C14H11N	000947-73-9	22
4	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	22
5	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

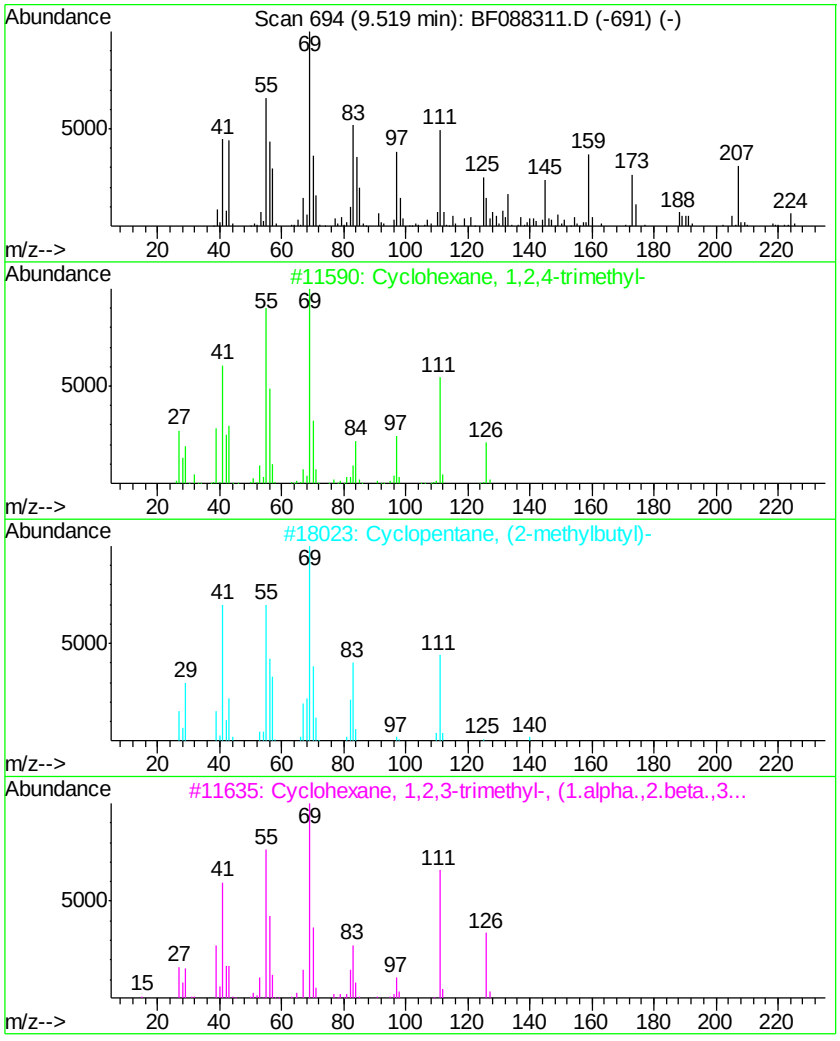
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

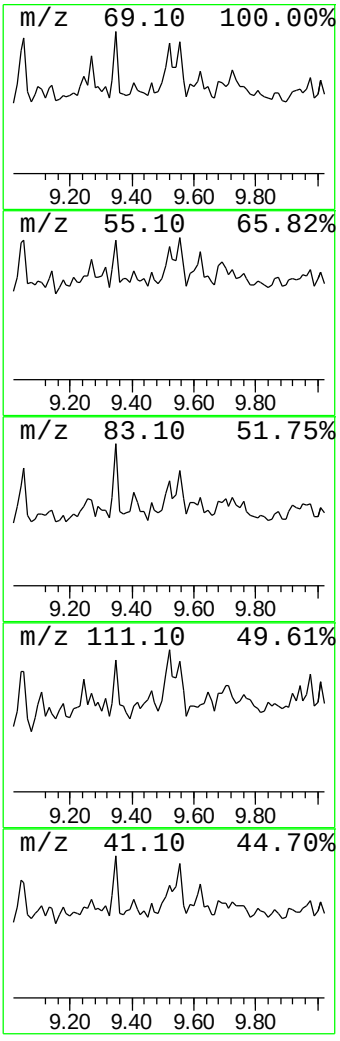
****

Peak Number 19 unknown9.52 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	19.61 ng	1343550	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	42
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	38
4	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
5	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

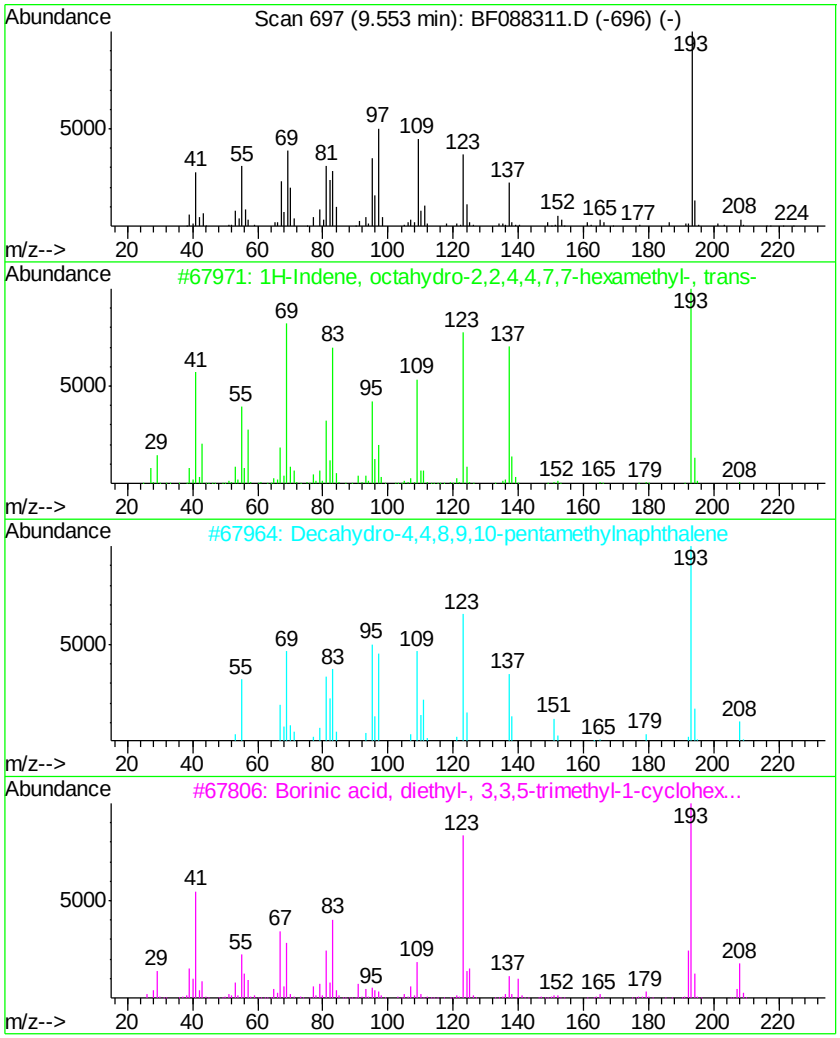
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

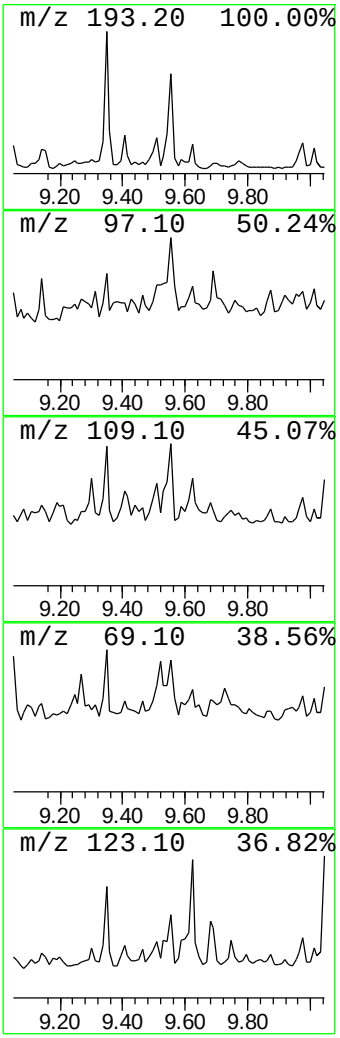
****

Peak Number 20 unknown9.55 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	9.20 ng	630774	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	42
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	38
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	33
5	Benzonitrile, pentafluoro-	193	C7F5N	000773-82-0	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088311.D
Acq On : 24 Jun 2016 2:03
Operator : UM/SJ
Sample : H3682-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
2-Pentanone, 4-hy...	4.72	20.3	ng	467954	1	6.59	461836	20.0
unknown6.38	6.38	84.3	ng	1945770	1	6.59	461836	20.0
Naphthalene, deca...	6.98	14.2	ng	327370	1	6.59	461836	20.0
Bicyclo[3.1.1]hep...	7.02	8.8	ng	202707	1	6.59	461836	20.0
cis-Decalin, 2-sy...	7.40	11.4	ng	584388	2	7.88	1025540	20.0
trans-Decalin, 2-...	7.52	16.5	ng	847711	2	7.88	1025540	20.0
11-Methyldodecanol	7.71	8.8	ng	453271	2	7.88	1025540	20.0
unknown7.78	7.78	17.9	ng	918873	2	7.88	1025540	20.0
unknown7.99	7.99	15.7	ng	804234	2	7.88	1025540	20.0
Cyclohexane, 2-bu...	8.09	12.0	ng	615716	2	7.88	1025540	20.0
cis, cis-3-Ethylb...	8.17	18.4	ng	943105	2	7.88	1025540	20.0
Zinc, bis[2-(1,1-...	8.33	20.0	ng	1024560	2	7.88	1025540	20.0
unknown8.43	8.43	17.1	ng	877469	2	7.88	1025540	20.0
unknown8.51	8.51	15.9	ng	813271	2	7.88	1025540	20.0
unknown8.63	8.63	9.8	ng	501056	2	7.88	1025540	20.0
Decahydro-4,4,8,9...	9.04	21.2	ng	1452990	3	9.64	1370530	20.0
unknown9.52	9.52	19.6	ng	1343550	3	9.64	1370530	20.0
unknown9.55	9.55	9.2	ng	630774	3	9.64	1370530	20.0