LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097966.D
Acq On : 22 Aug 2017 21:06
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

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-BF081517.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	2.257	25	29	33	rVB2	50575	73550	2.61%	0.308%
2	3.075	162	168	173	rBV2	34141	75452	2.68%	0.316%
3	3.787	281	289	295	rBV3	38502	84504	3.00%	0.353%
4	4.145	346	350	354	rBV	93346	117900	4.19%	0.493%
5	4.351	379	385	389	rBV4	63328	91722	3.26%	0.384%
6	4.934	481	484	491	rBV	239989	327999	11.65%	1.372%
7	5.004	491	496	502	rVB6	34746	82369	2.93%	0.344%
8	5.063	502	506	509	rBV	76497	94977	3.37%	0.397%
9	5.145	517	520	525	rVB	57275	67220	2.39%	0.281%
10	5.357	546	556	559	rBV	2517293	2613099	92.80%	10.928%
11	5.492	569	579	583	rBV2	78617	150586	5.35%	0.630%
12	5.534	583	586	589	rBV	180009	150654	5.35%	0.630%
13	5.910	648	650	656	rVB	73238	82960	2.95%	0.347%
14	6.186	691	697	700	rBV	390178	423535	15.04%	1.771%
15	6.269	705	711	714	rBV5	76360	133500	4.74%	0.558%
16	6.386	726	731	739	rVB	2469341	2815716	100.00%	11.776%
17	6.469	739	745	749	rBV2	202459	214147	7.61%	0.896%
18	6.522	749	754	757	rBV	2511249	2620324	93.06%	10.959%
19	6.628	768	772	778	rBV5	86598	128102	4.55%	0.536%
20	6.751	789	793	795	rBV	856821	754809	26.81%	3.157%
21	6.775	795	797	800	rVB2	106832	94265	3.35%	0.394%
22	6.904	815	819	823	rBV	2169525	2010947	71.42%	8.410%
23	6.963	826	829	834	rVB2	164148	203433	7.22%	0.851%
24	7.016	834	838	843	rBV3	65087	107988	3.84%	0.452%
25	7.063	843	846	849	rBV	117613	104194	3.70%	0.436%
26	7.133	853	858	859	rBV2	56180	68627	2.44%	0.287%
27	7.157	859	862	865	rVB2	129982	116677	4.14%	0.488%
28	7.316	880	889	894	rBV	1572068	1771104	62.90%	7.407%
29	7.392	900	902	905	rVB2	83841	64419	2.29%	0.269%
30	7.428	905	908	911	rVB3	73452	68543	2.43%	0.287%
31	7.557	927	930	934	rVB	94915	92958	3.30%	0.389%
32	7.698	951	954	958	rVB	97853	99252	3.52%	0.415%
33	7.775	963	967	968	rBV2	70352	82397	2.93%	0.345%
34	7.845	976	979	986	rBV5	62380	93678	3.33%	0.392%

LSC Area Percent Report

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Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.904	986	989	991	rBV	84940	62900	2.23%	0.263%
36	7.939	992	995	998	rVB2	89450	67834	2.41%	0.284%
37	7.969	998	1000	1003	rBV	100026	82483	2.93%	0.345%
38	8.033	1007	1011	1014	rBV	1025352	913983	32.46%	3.822%
39	8.310	1055	1058	1061	rVB2	64307	70157	2.49%	0.293%
40	8.392	1068	1072	1074	rBV5	64113	90089	3.20%	0.377%
41	8.469	1082	1085	1089	rVB3	48826	66337	2.36%	0.277%
42	8.592	1103	1106	1110	rVB	67326	58092	2.06%	0.243%
43	8.745	1129	1132	1135	rBV	386241	333788	11.85%	1.396%
44	8.792	1137	1140	1151	rVB	344251	474730	16.86%	1.985%
45	9.110	1190	1194	1197	rBV	2846291	2388446	84.83%	9.989%
46	9.216	1209	1212	1215	rBV	205989	149086	5.29%	0.624%
47	9.310	1225	1228	1231	rBV	125591	111622	3.96%	0.467%
48	9.398	1241	1243	1249	rBV	180284	198421	7.05%	0.830%
49	9.504	1257	1261	1267	rVB	523010	500664	17.78%	2.094%
50	9.780	1305	1308	1312	rBV	807870	776596	27.58%	3.248%
51	10.574	1439	1443	1452	rBV	587780	1484235	52.71%	6.207%

Sum of corrected areas: 23911070

LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097966.D
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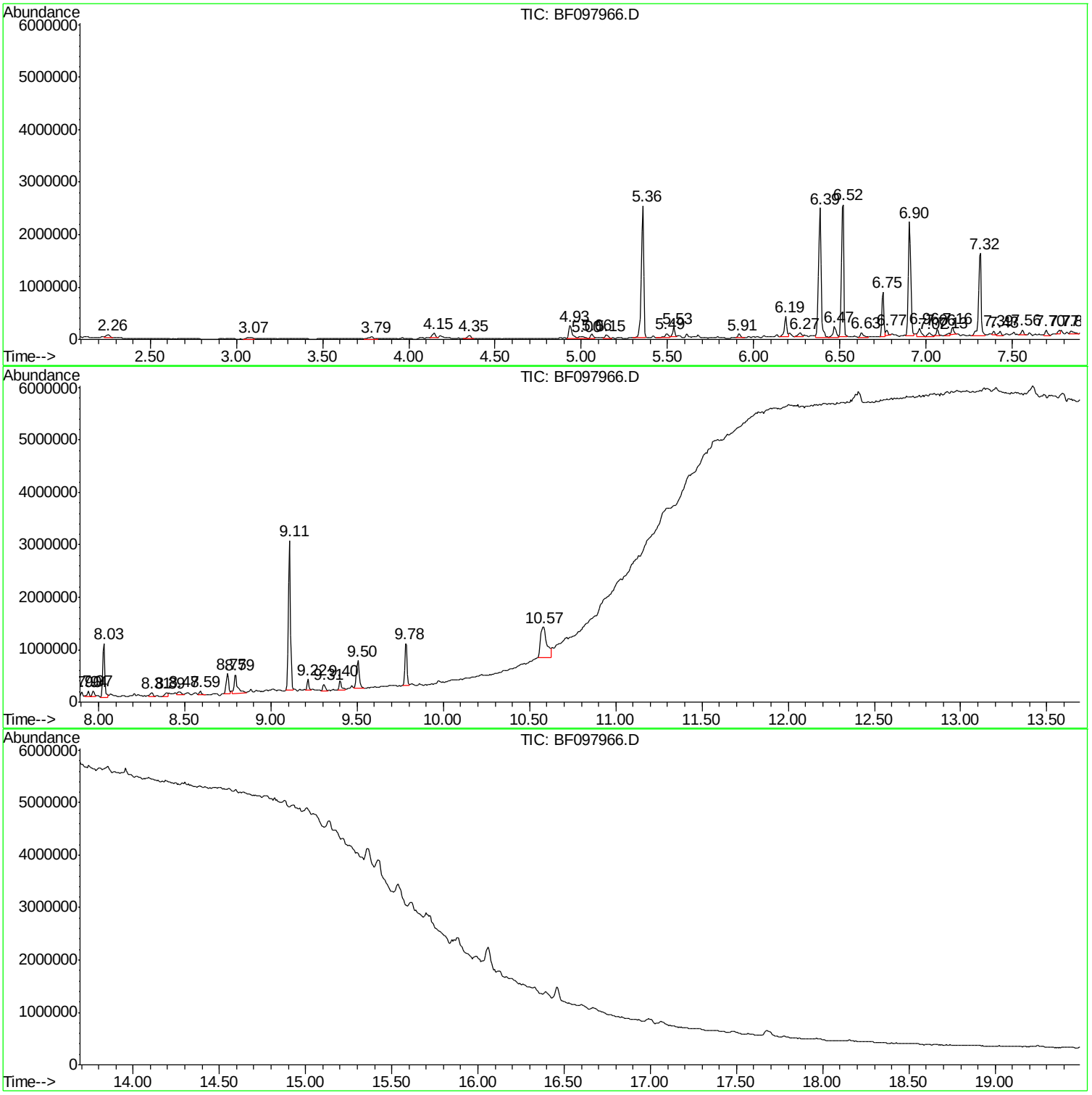
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097966.D
Acq On : 22 Aug 2017 21:06
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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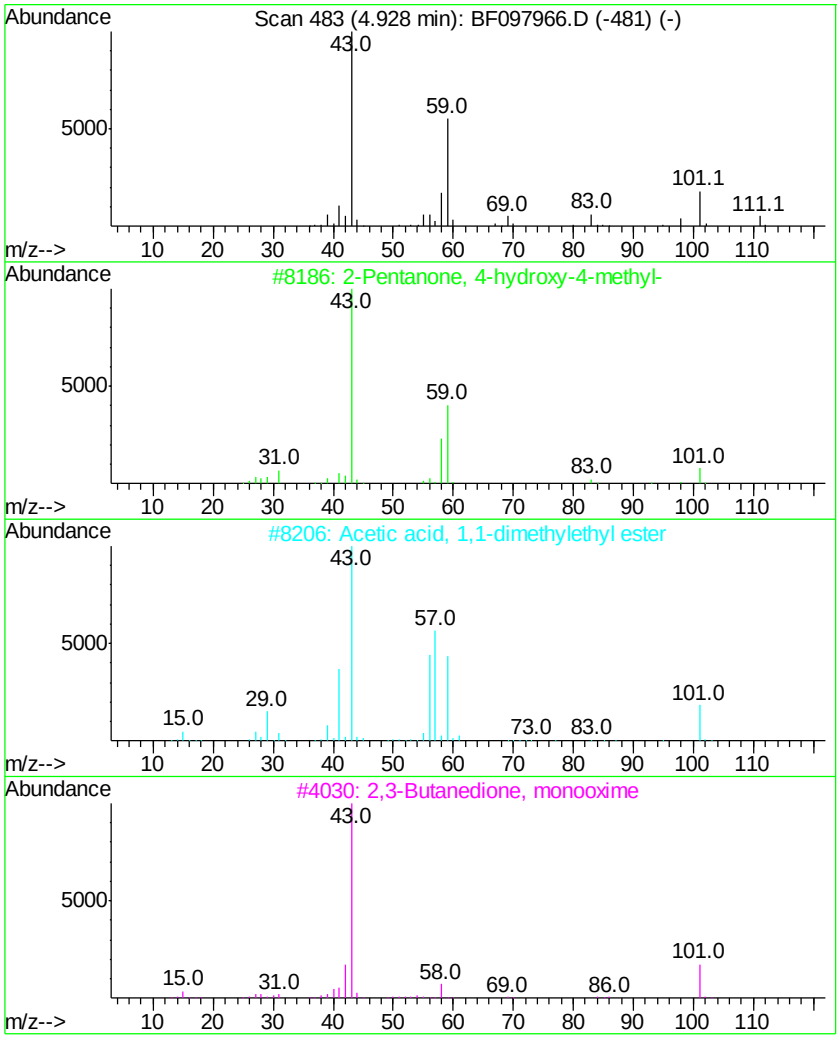
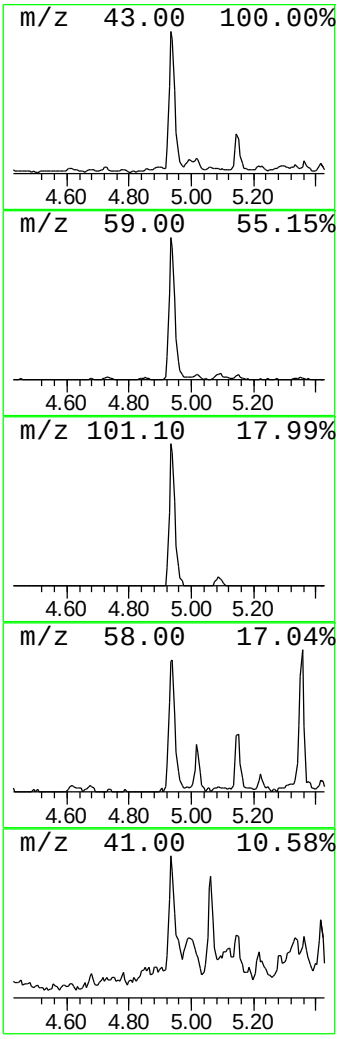
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	8.69 ng	327999	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Hexanol, 4,4-dimethyl-	130	C8H18O	019550-09-5	25
5	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	23





Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097966.D
Acq On : 22 Aug 2017 21:06
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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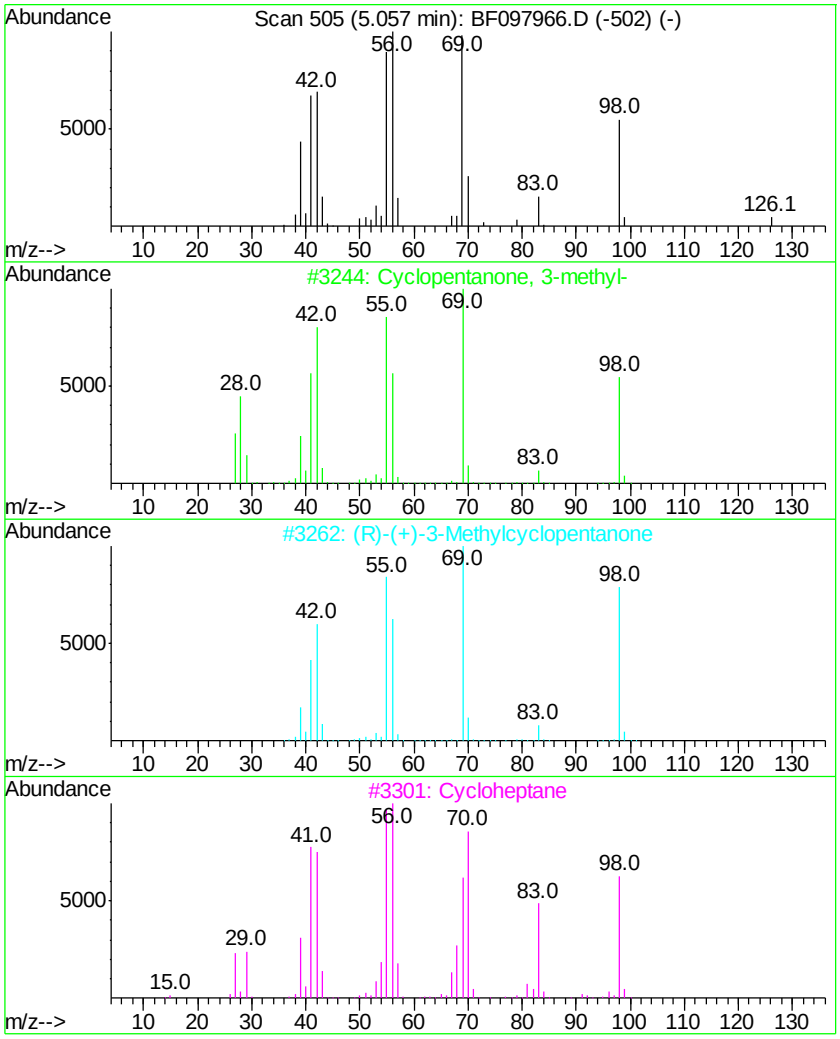
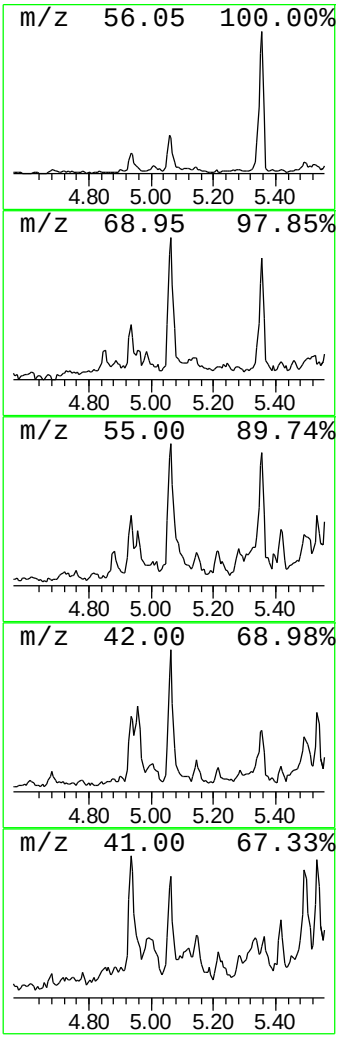
Peak Number 3 Cyclopentanone, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	2.52 ng	94977	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	90
2	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	78
3	Cycloheptane	98	C7H14	000291-64-5	50
4	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	46
5	Cyclohexanone	98	C6H10O	000108-94-1	38





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097966.D
Acq On : 22 Aug 2017 21:06
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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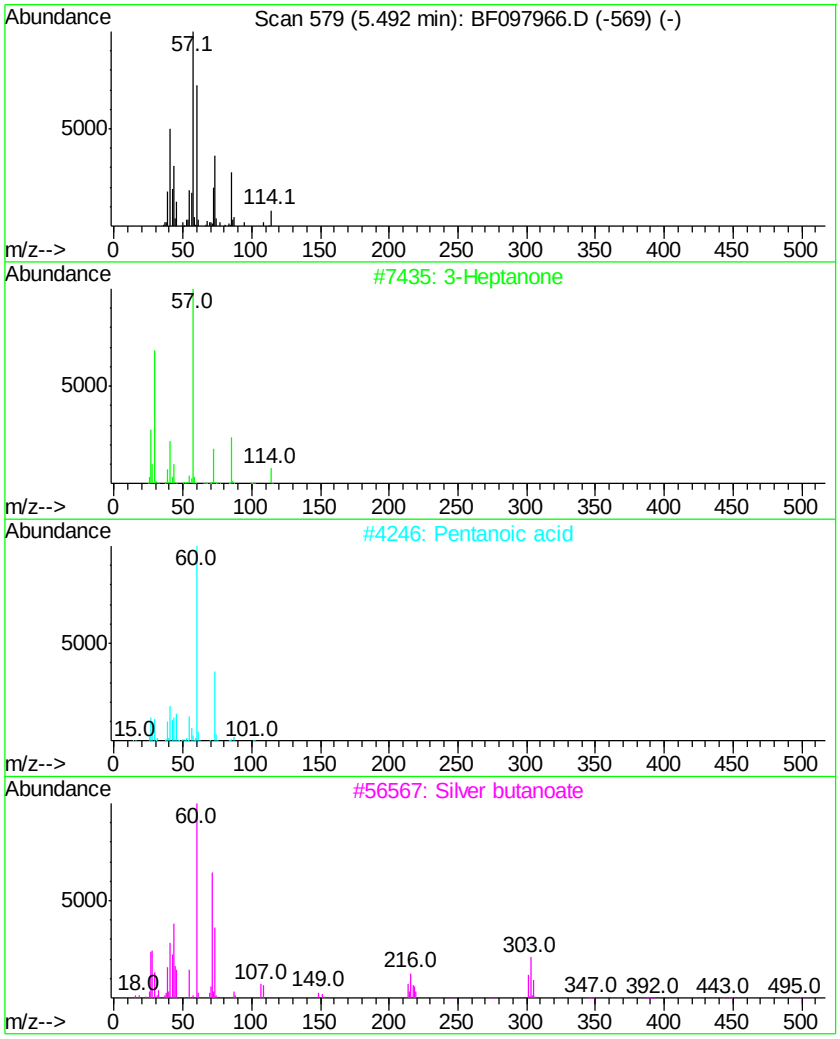
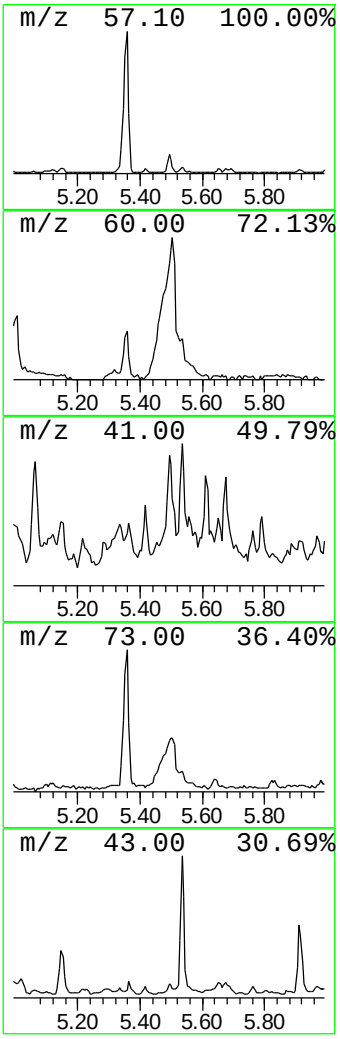
Peak Number 4 unknown5.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	3.99 ng	150586	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	35
2	Pentanoic acid	102	C5H10O2	000109-52-4	35
3	Silver butanoate	194	C4H7AgO2	005076-24-4	23
4	.alpha.-d-Ribopyranoside, methyl	164	C6H12O5	006207-03-0	17
5	3,5-Octanedione, 2,2,4,7-tetrame...	198	C12H22O2	1000161-72-3	16





Library Search Compound Report

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Data File : BF097966.D
Acq On : 22 Aug 2017 21:06
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

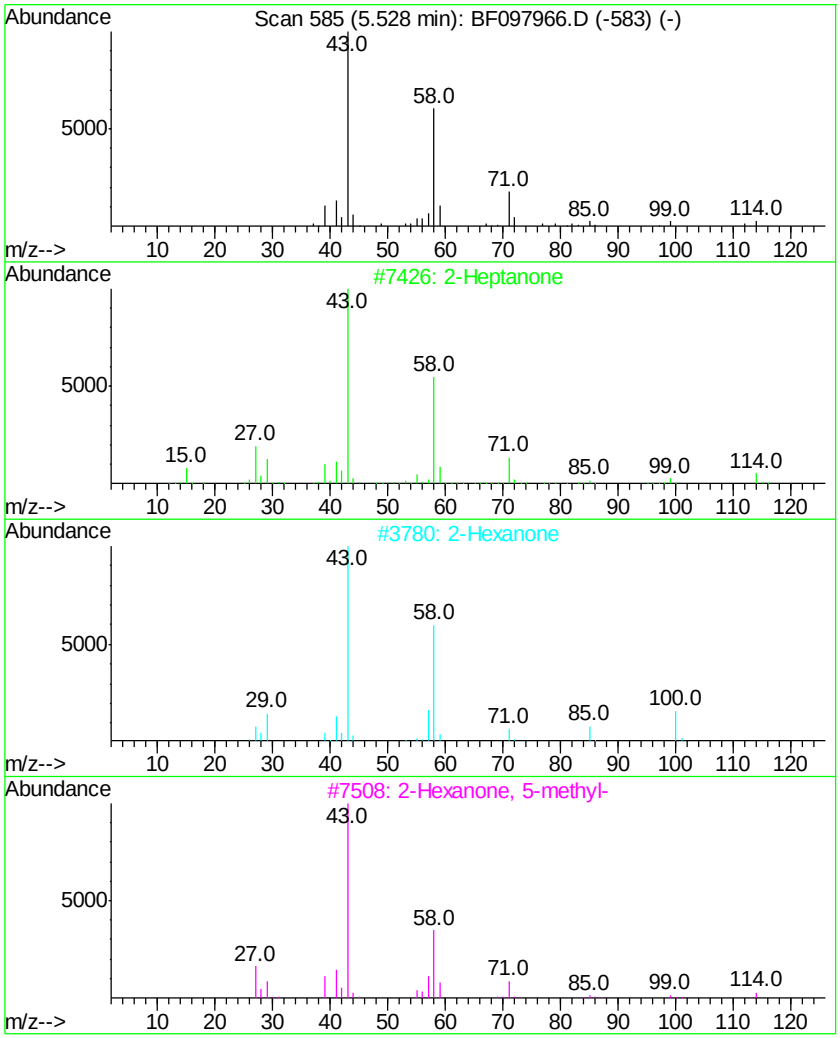
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

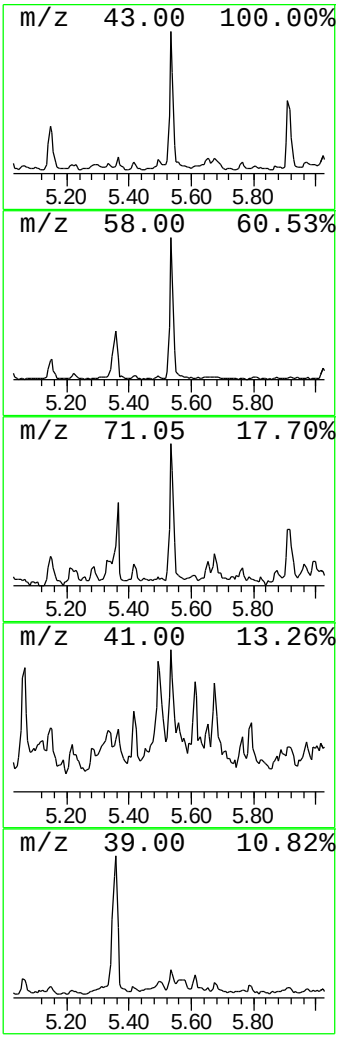
****

Peak Number 5 2-Heptanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	3.99 ng	150654	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	83
2	2-Hexanone	100	C6H12O	000591-78-6	59
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	58
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	50
5	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	47





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Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

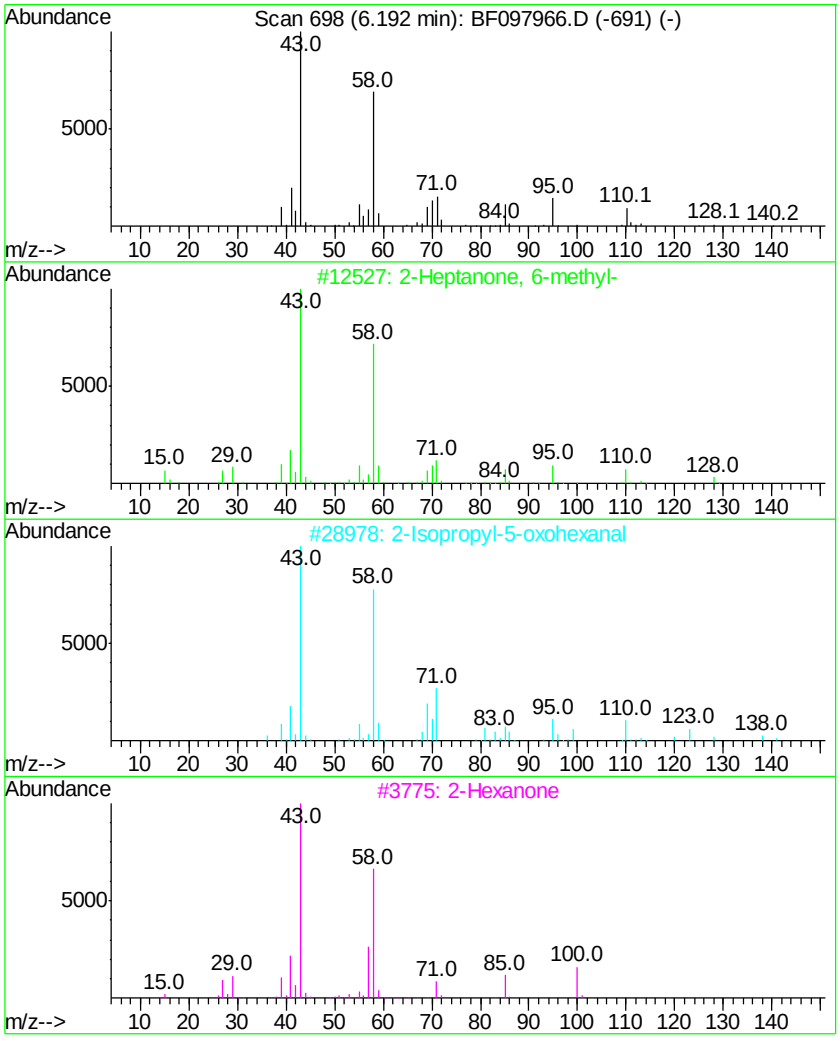
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

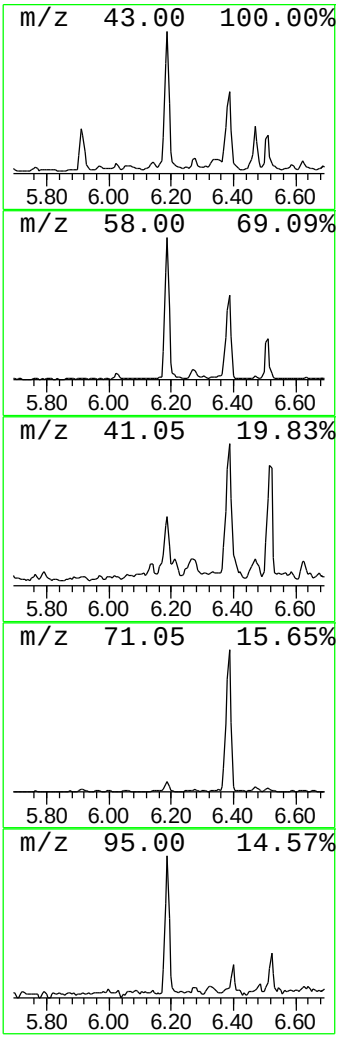
****

Peak Number 6 2-Heptanone, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	11.22 ng	423535	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
2	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	50
3	2-Hexanone	100	C6H12O	000591-78-6	42
4	2-Octanone	128	C8H16O	000111-13-7	42
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	40





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Data File : BF097966.D
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Operator : SJ/JU
Sample : I4900-17
Misc :
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Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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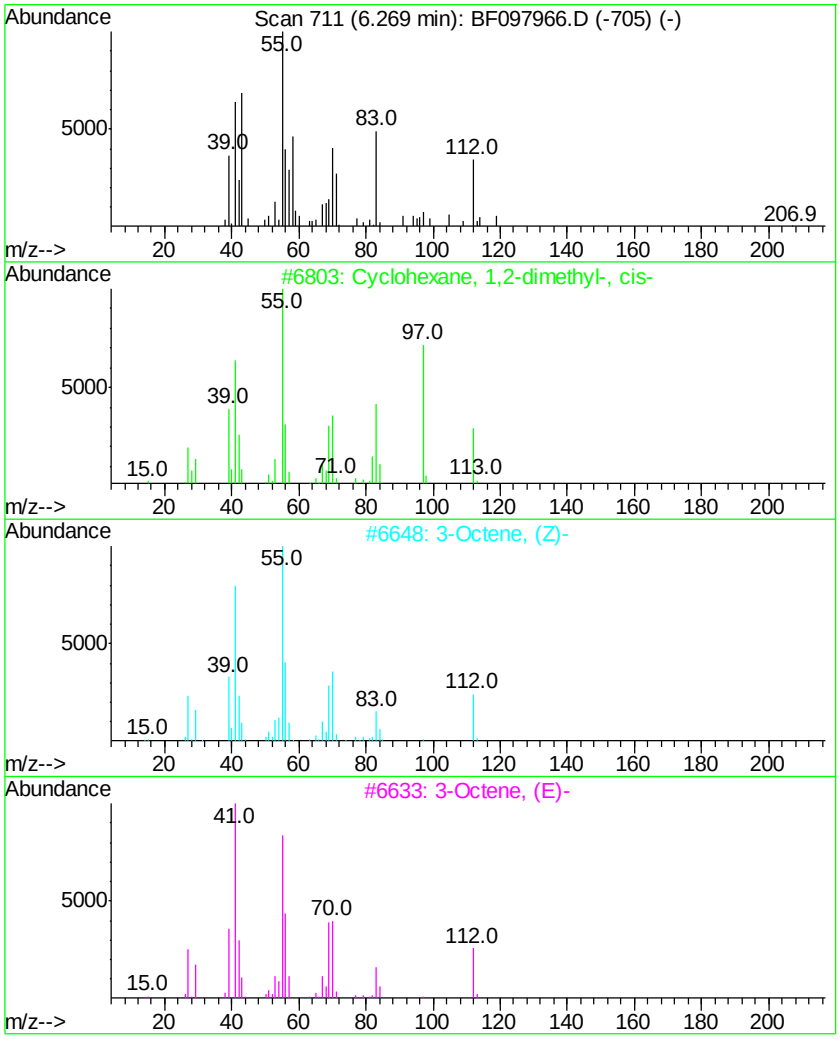
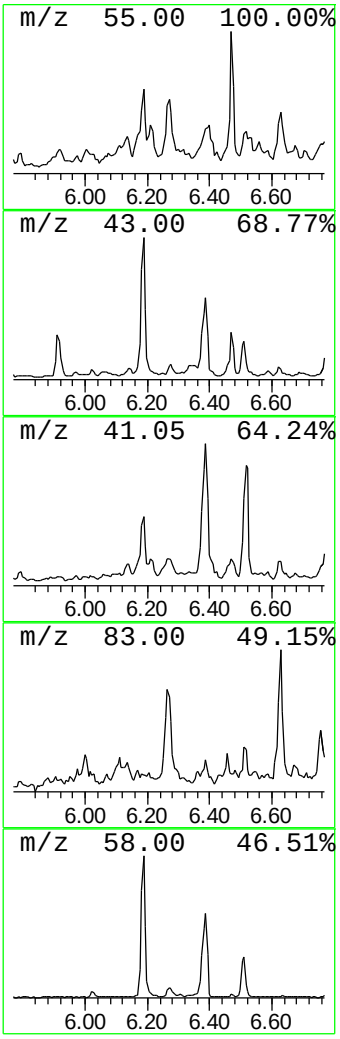
Peak Number 7 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	3.54 ng	133500	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	70
2	3-Octene, (Z)-	112	C8H16	014850-22-7	53
3	3-Octene, (E)-	112	C8H16	014919-01-8	53
4	4-Octene, (Z)-	112	C8H16	007642-15-1	53
5	4-Octene, (E)-	112	C8H16	014850-23-8	52





Library Search Compound Report

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Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

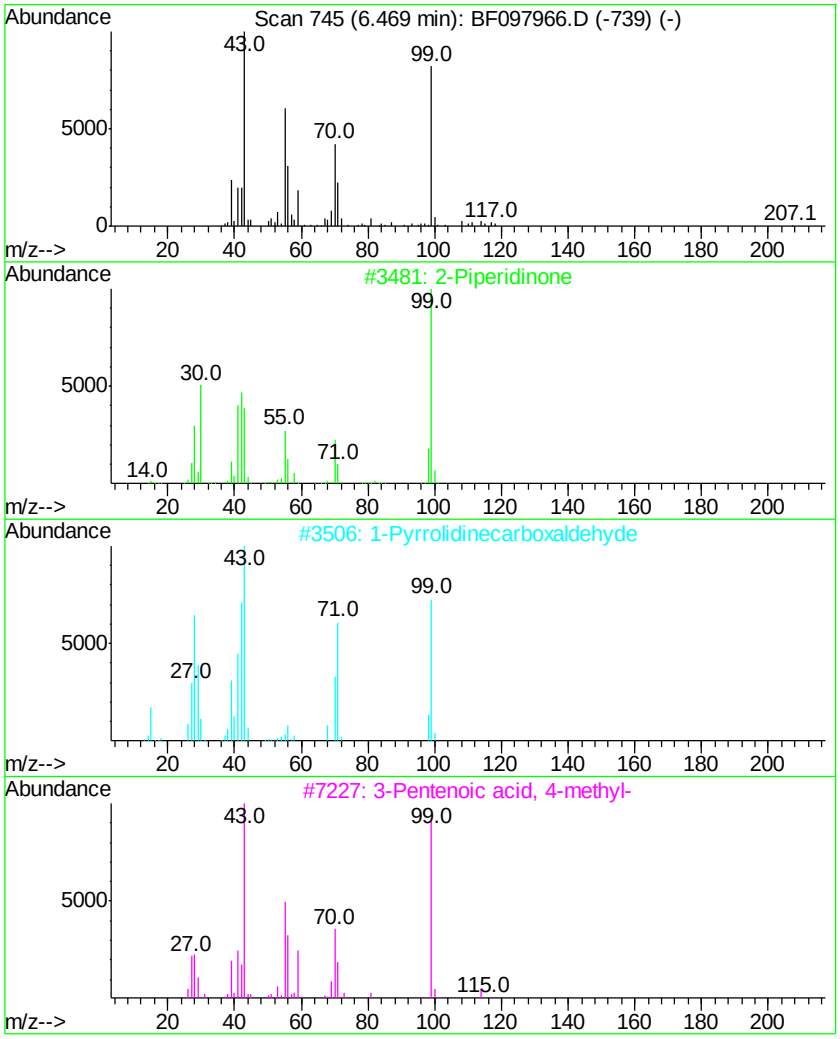
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

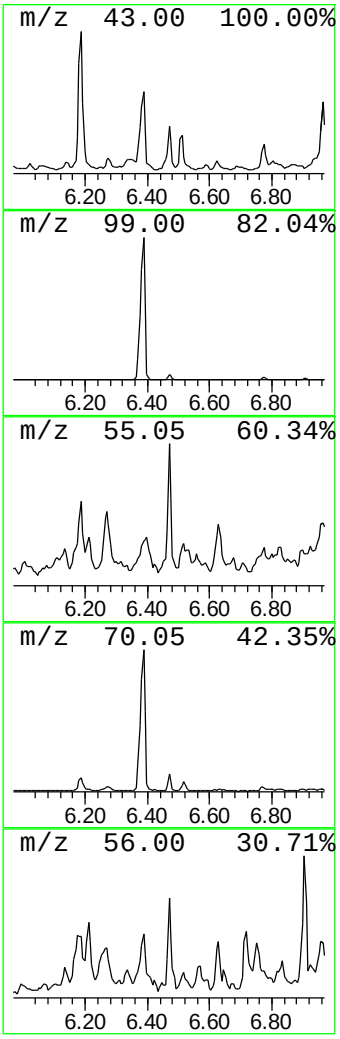
****

Peak Number 8 2-Piperidinone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	5.67 ng	214147	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Piperidinone	99	C5H9NO	000675-20-7	64
2	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	50
3	3-Pentenoic acid, 4-methyl-	114	C6H10O2	000504-85-8	47
4	Benzo[1,2,5]thiadiazole, 4-bromo...	376	C11H13BrN4O2S2	1000296-37-8	38
5	Pyrrol-2(5H)-one, 4-acetyl-3-hyd...	374	C18H22N4O5	302566-41-2	38





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097966.D
Acq On : 22 Aug 2017 21:06
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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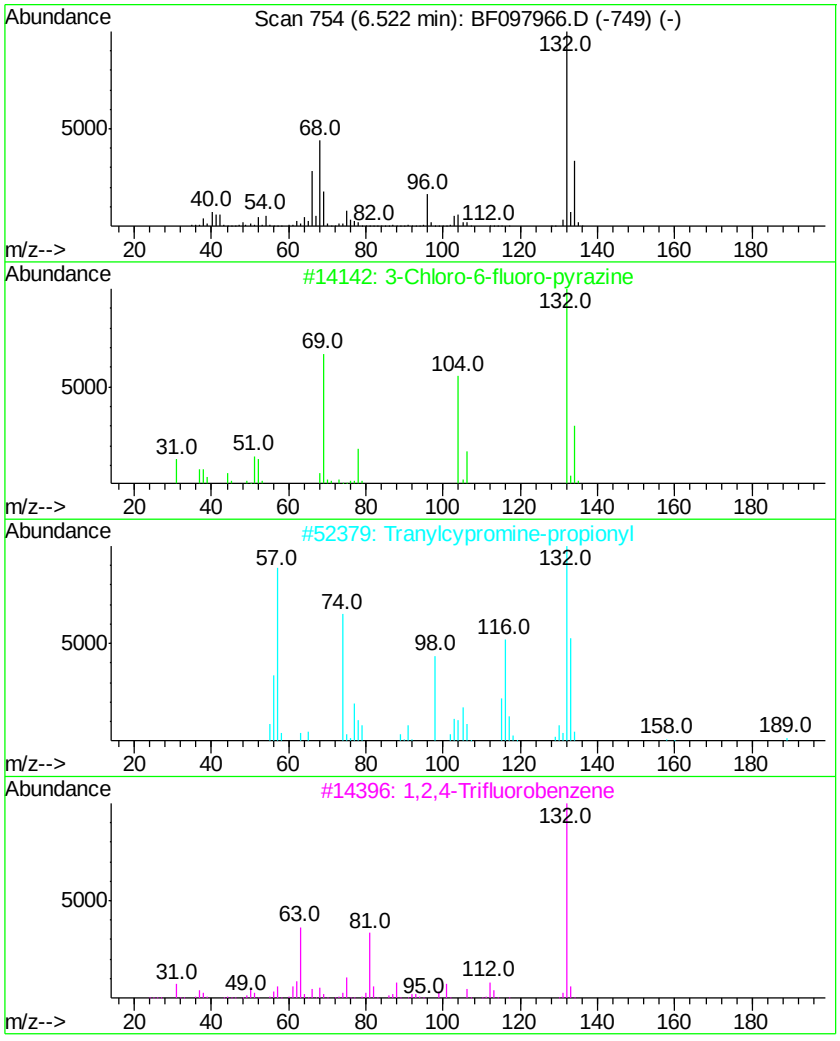
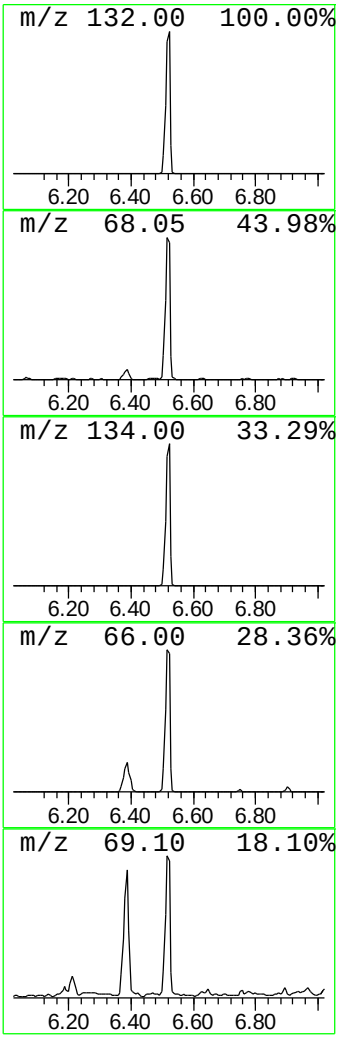
Peak Number 9 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	69.43 ng	2620320	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097966.D
Acq On : 22 Aug 2017 21:06
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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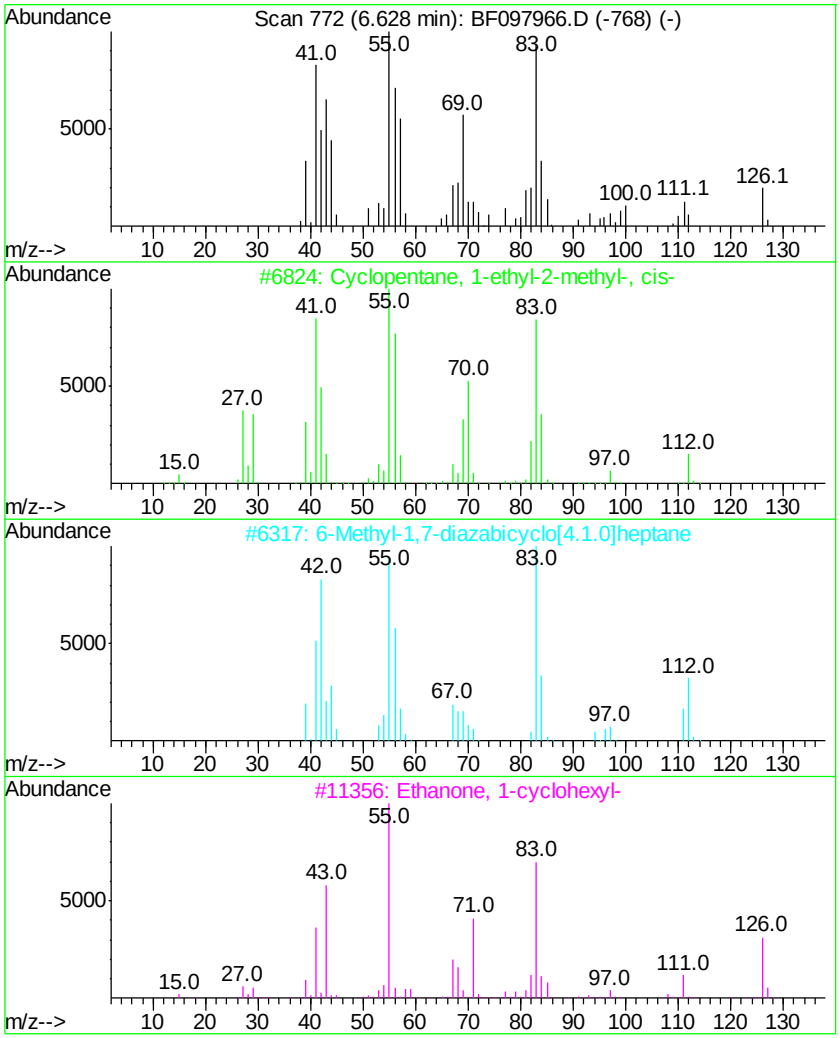
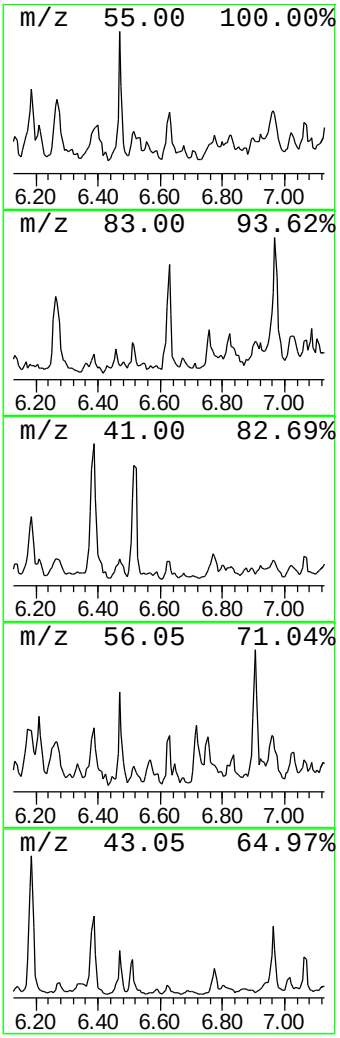
Peak Number 10 Cyclopentane, 1-ethyl-2-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.39 ng	128102	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	64
2	6-Methyl-1,7-diazabicyclo[4.1.0]...	112	C6H12N2	108602-71-7	46
3	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	43
4	Octanal	128	C8H16O	000124-13-0	43
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38





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Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

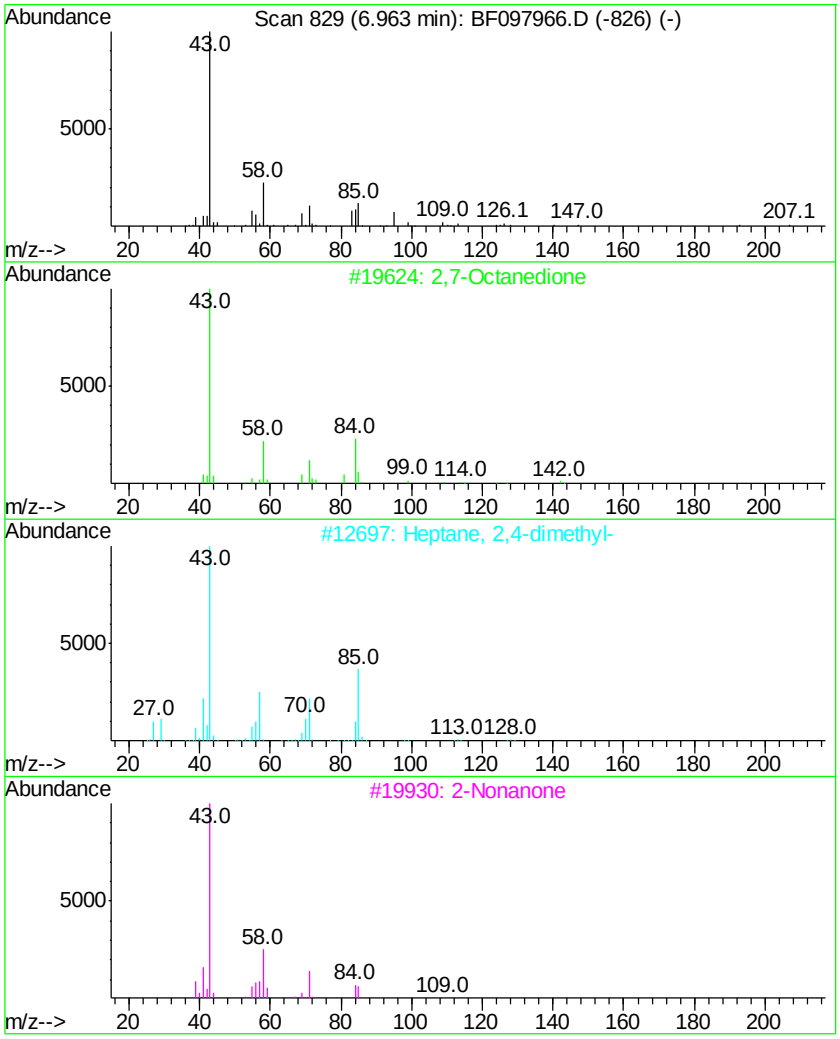
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

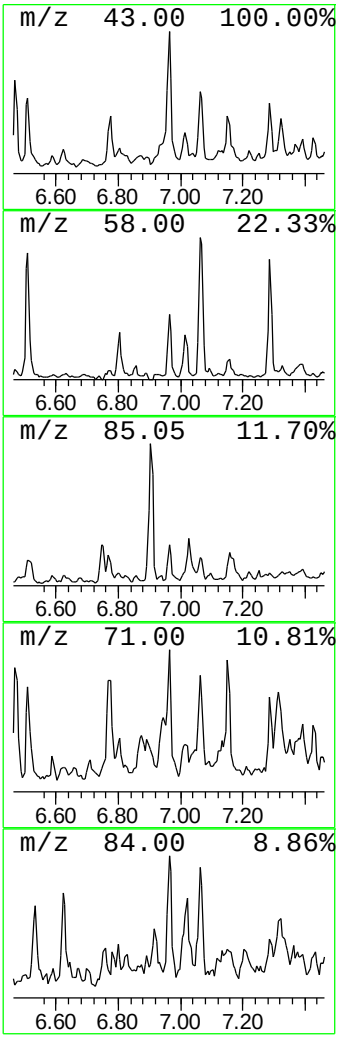
****

Peak Number 12 unknown6.96 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	5.39 ng	203433	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Octanedione	142	C8H14O2	001626-09-1	45
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
3	2-Nonanone	142	C9H18O	000821-55-6	40
4	Acetone	58	C3H6O	000067-64-1	38
5	1-Heptyn-6-one	110	C7H10O	000928-39-2	32





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Acq On : 22 Aug 2017 21:06
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

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

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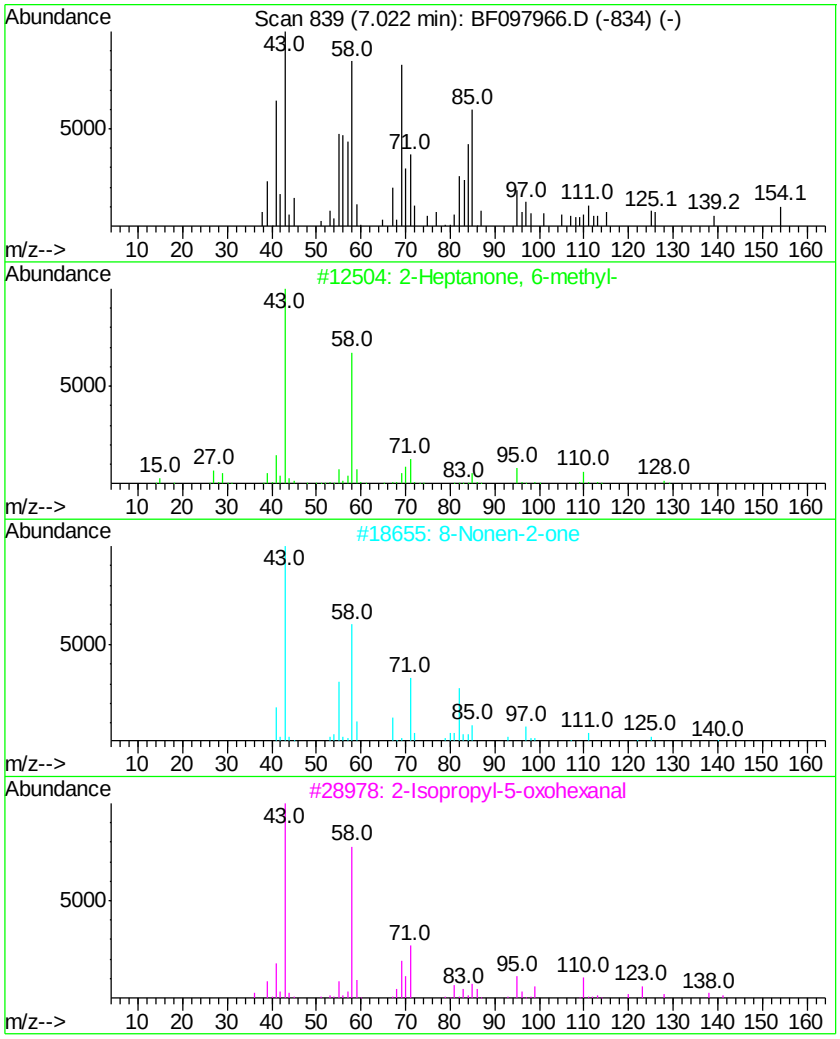
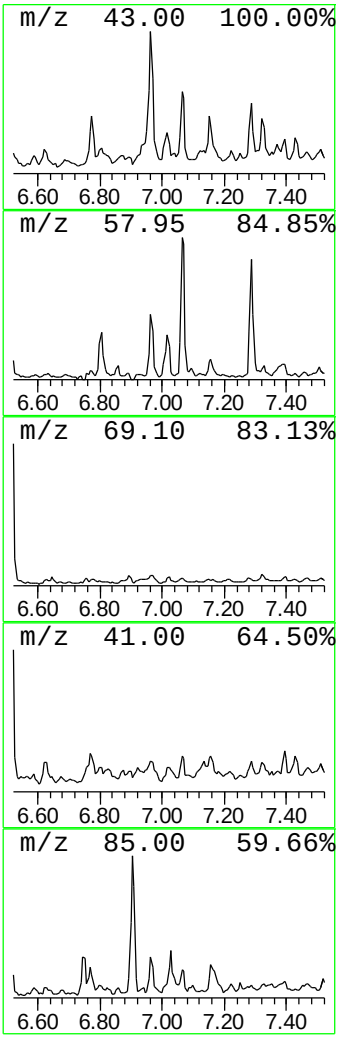
Peak Number 13 unknown7.02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	2.86 ng	107988	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	47
2	8-Nonen-2-one	140	C9H16O	005009-32-5	47
3	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	42
4	2-Nonanone	142	C9H18O	000821-55-6	38
5	9-Decen-2-one	154	C10H18O	035194-30-0	38





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Acq On : 22 Aug 2017 21:06
Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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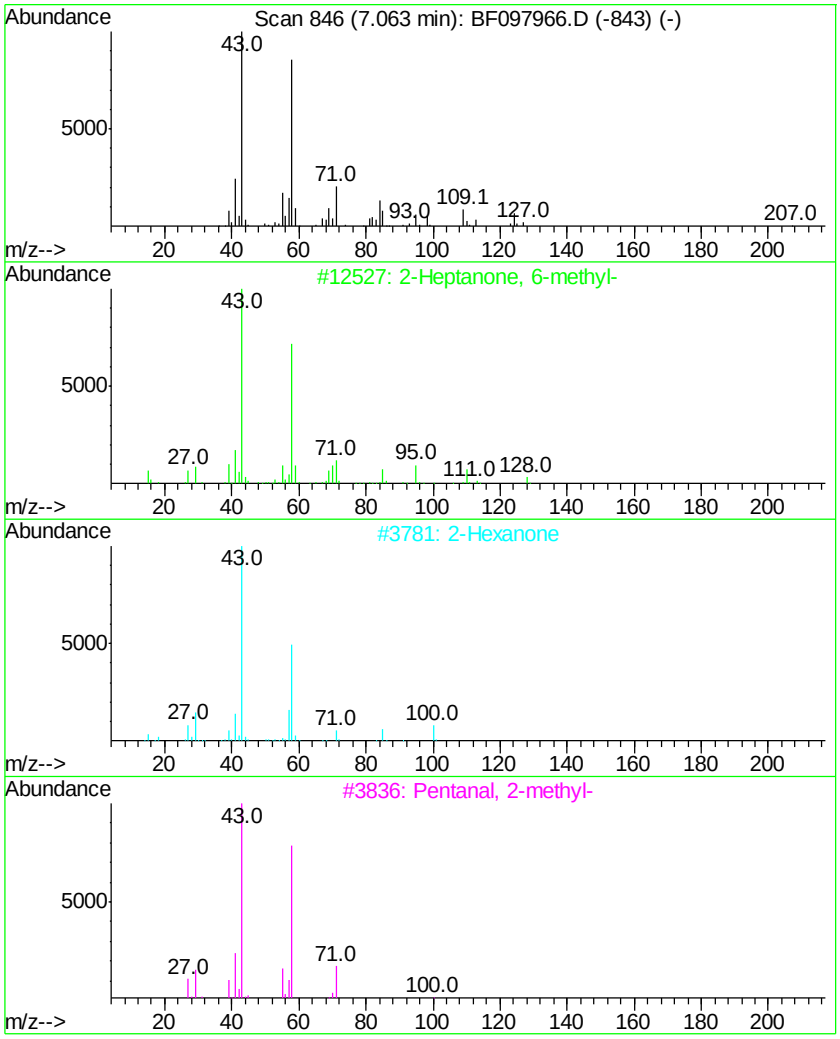
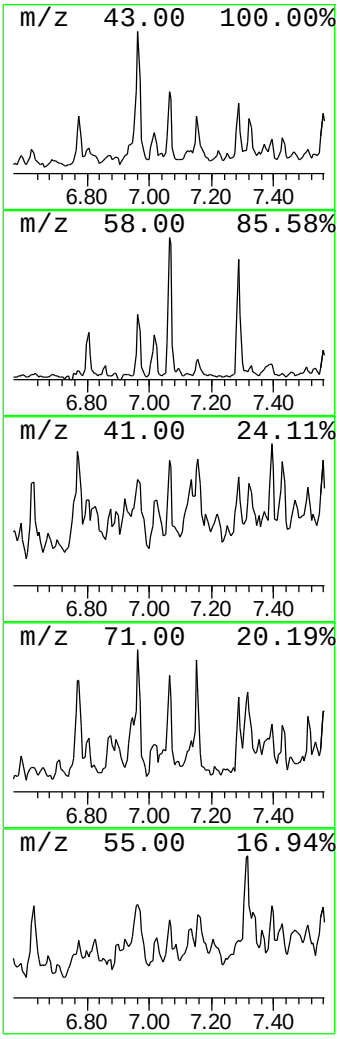
Peak Number 14 Pentanal, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	2.76 ng	104194	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	59
2	2-Hexanone	100	C6H12O	000591-78-6	50
3	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	50
4	Undecanal, 2-methyl-	184	C12H24O	000110-41-8	50
5	5-Hepten-2-amine, N,6-dimethyl-	141	C9H19N	000503-01-5	45





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Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

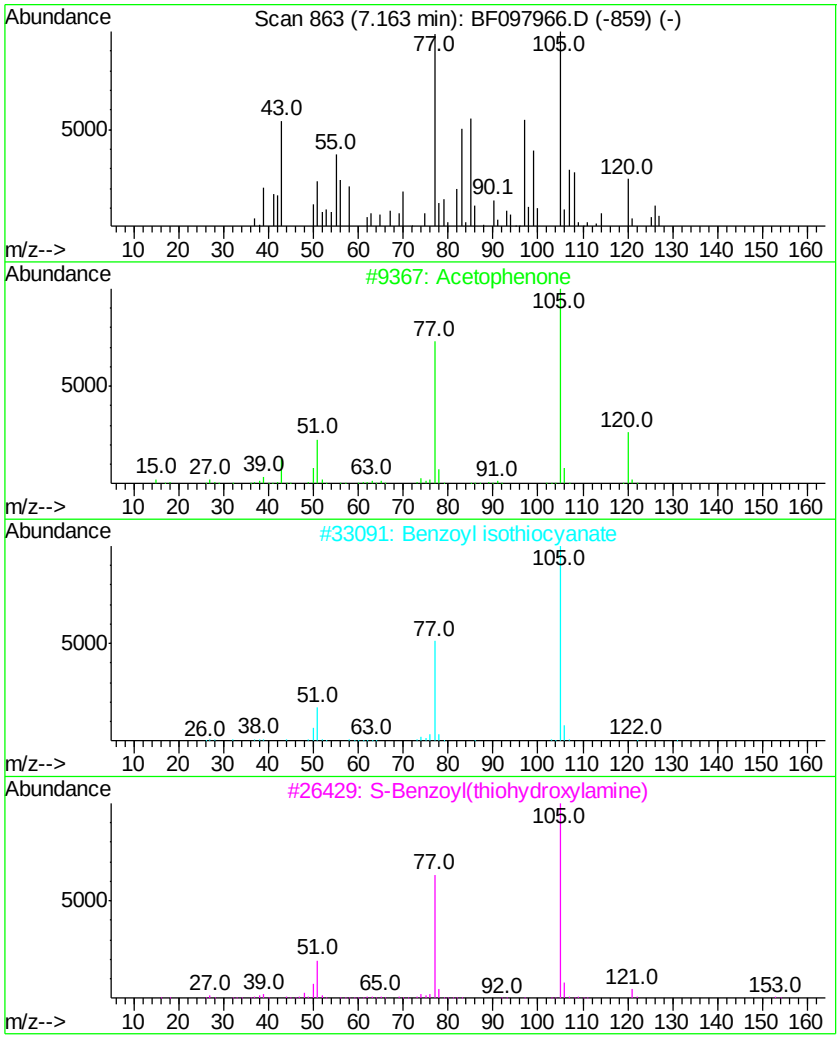
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

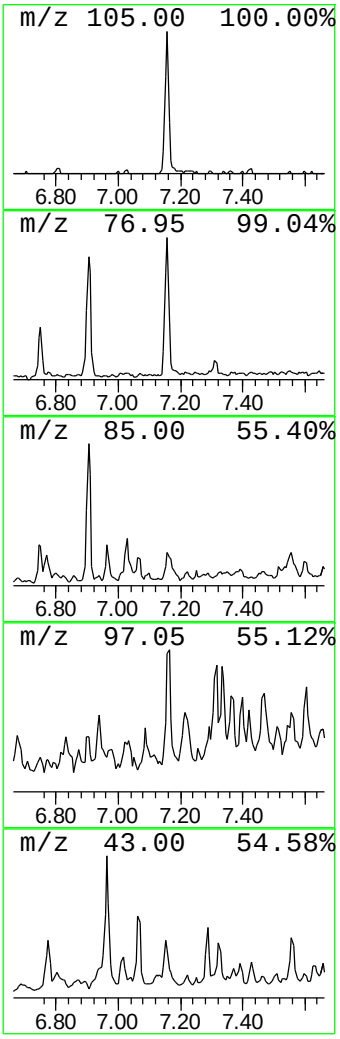
****

Peak Number 15 unknown7.16 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	3.09 ng	116677	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	49
2	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	35
3	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	35
4	Vinyl benzoate	148	C9H8O2	000769-78-8	35
5	Benzoylformic acid	150	C8H6O3	000611-73-4	35





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

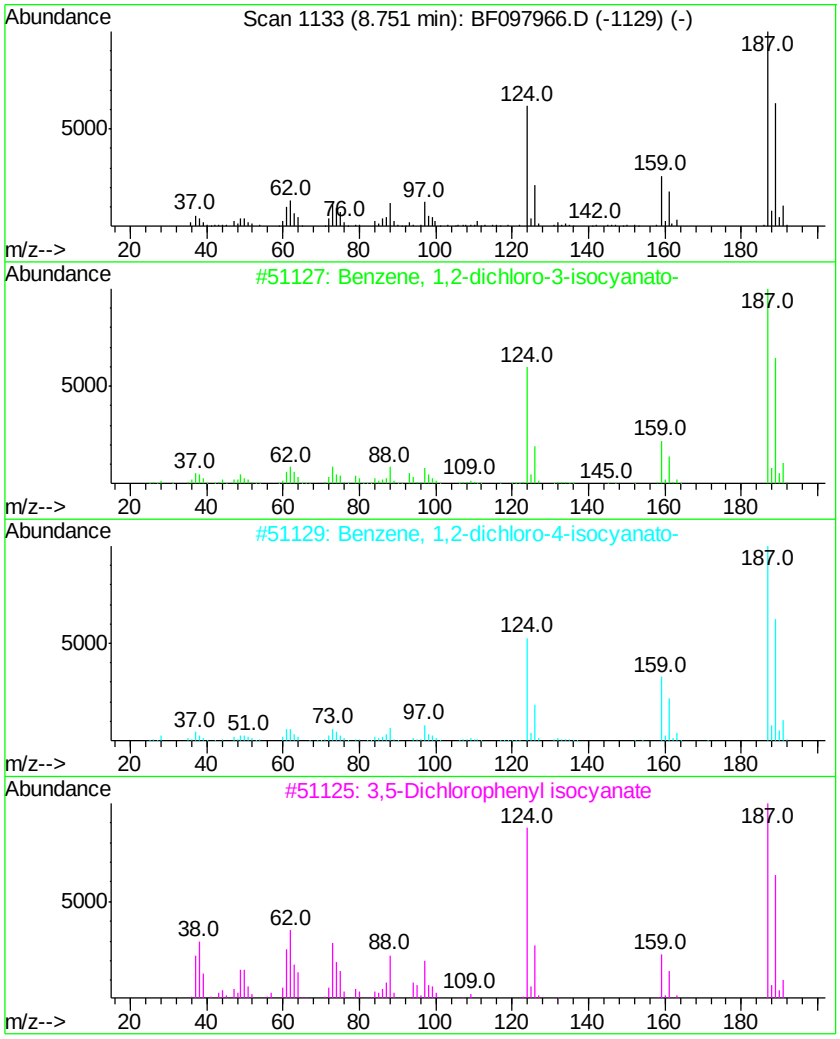
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

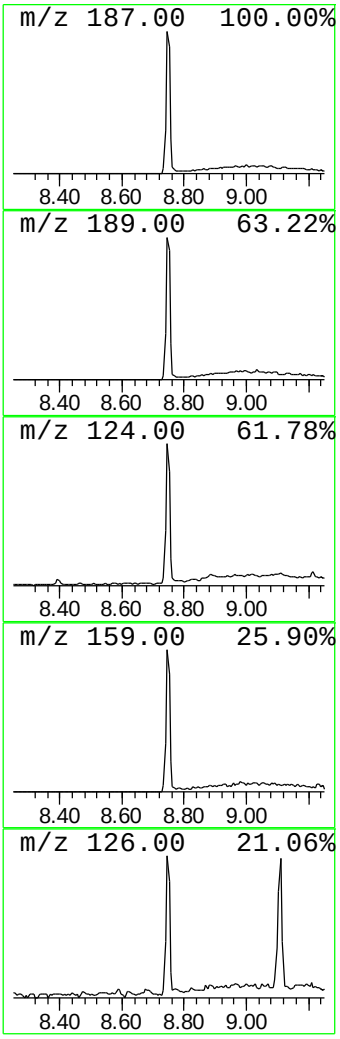
****

Peak Number 16 Benzene, 1,2-dichloro-3-iso... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	7.30 ng	333788	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-isocyanato-	187	C7H3Cl2NO	041195-90-8	99
2	Benzene, 1,2-dichloro-4-isocyanato-	187	C7H3Cl2NO	000102-36-3	98
3	3,5-Dichlorophenyl isocyanate	187	C7H3Cl2NO	034893-92-0	97
4	Benzene, 1,3-dichloro-2-isocyanato-	187	C7H3Cl2NO	039920-37-1	97
5	Benzene, 1,4-dichloro-2-isocyanato-	187	C7H3Cl2NO	005392-82-5	90





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Operator : SJ/JU
Sample : I4900-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-2-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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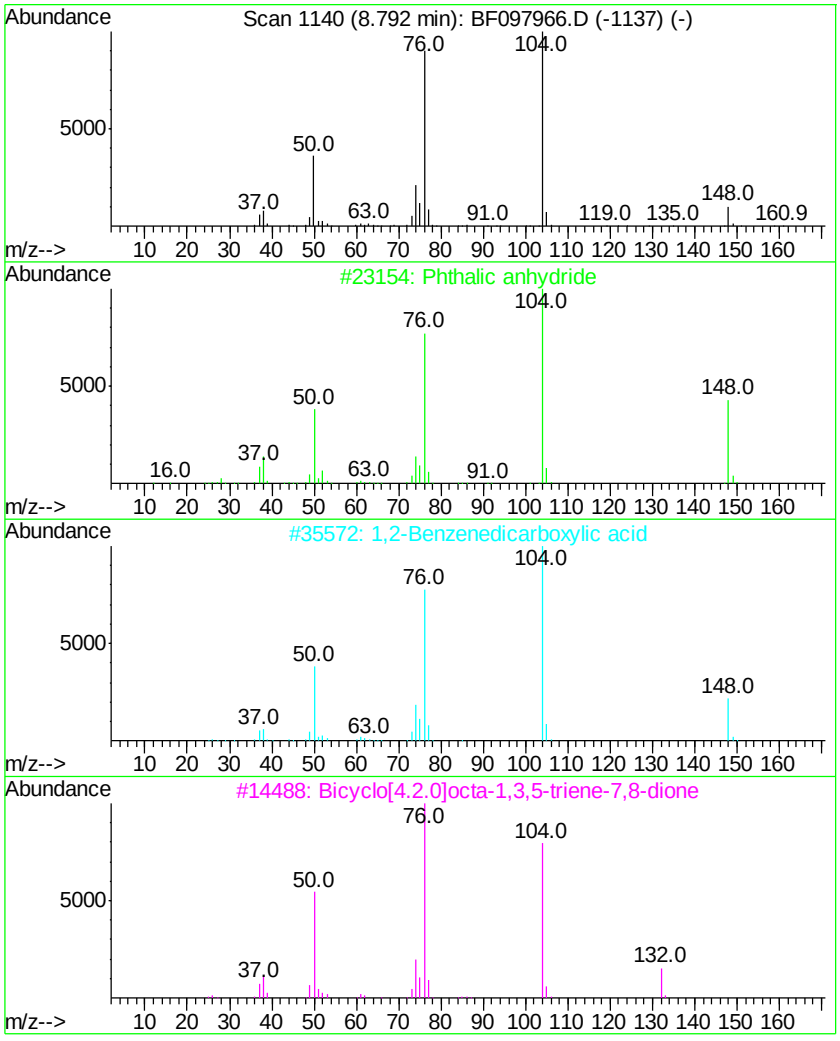
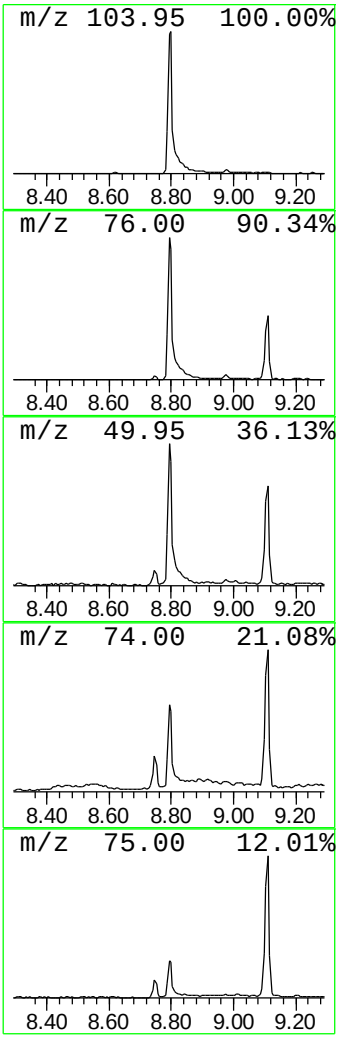
Peak Number 17 Phthalic anhydride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	10.39 ng	474730	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	80
4	N-[2-Acetamidoethylthiol]phthalimide	264	C12H12N2O3S	025158-14-9	78
5	1H-Isoindole-1,3(2H)-dione, 2-(h...	177	C9H7NO3	000118-29-6	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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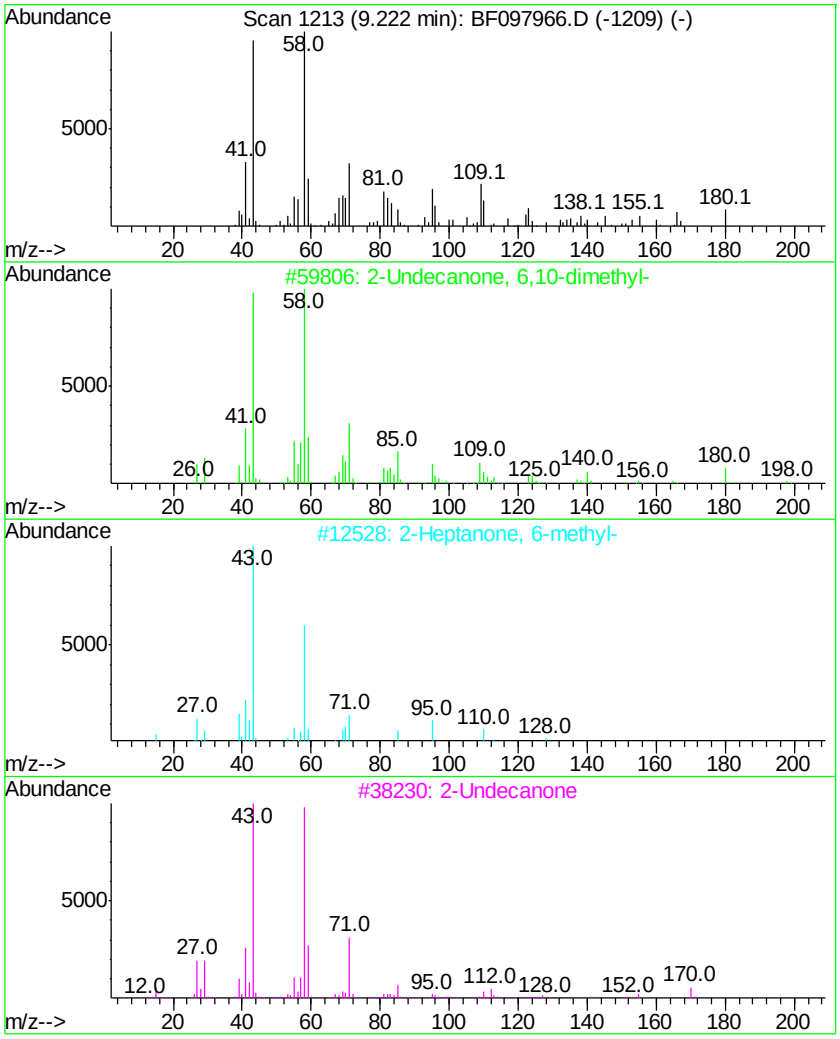
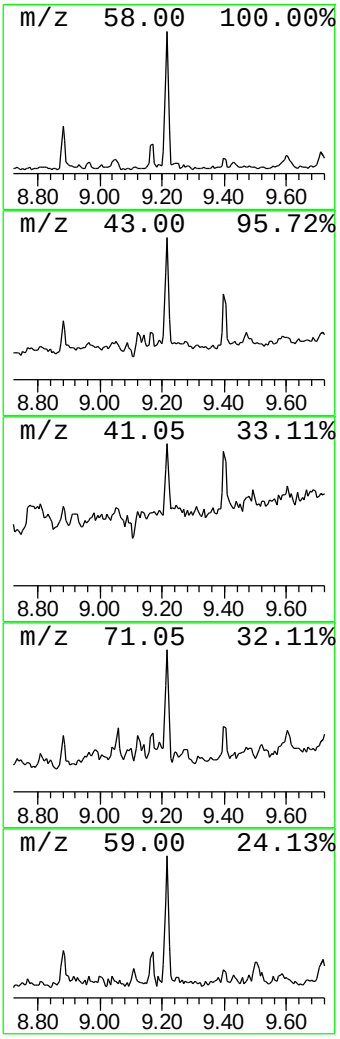
Peak Number 18 2-Undecanone, 6,10-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	3.84 ng	149086	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	90
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	59
3	2-Undecanone	170	C11H22O	000112-12-9	59
4	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	50
5	2,4(3H,5H)-Furandione, 5-hexyl-5...	198	C11H18O3	054852-79-8	50





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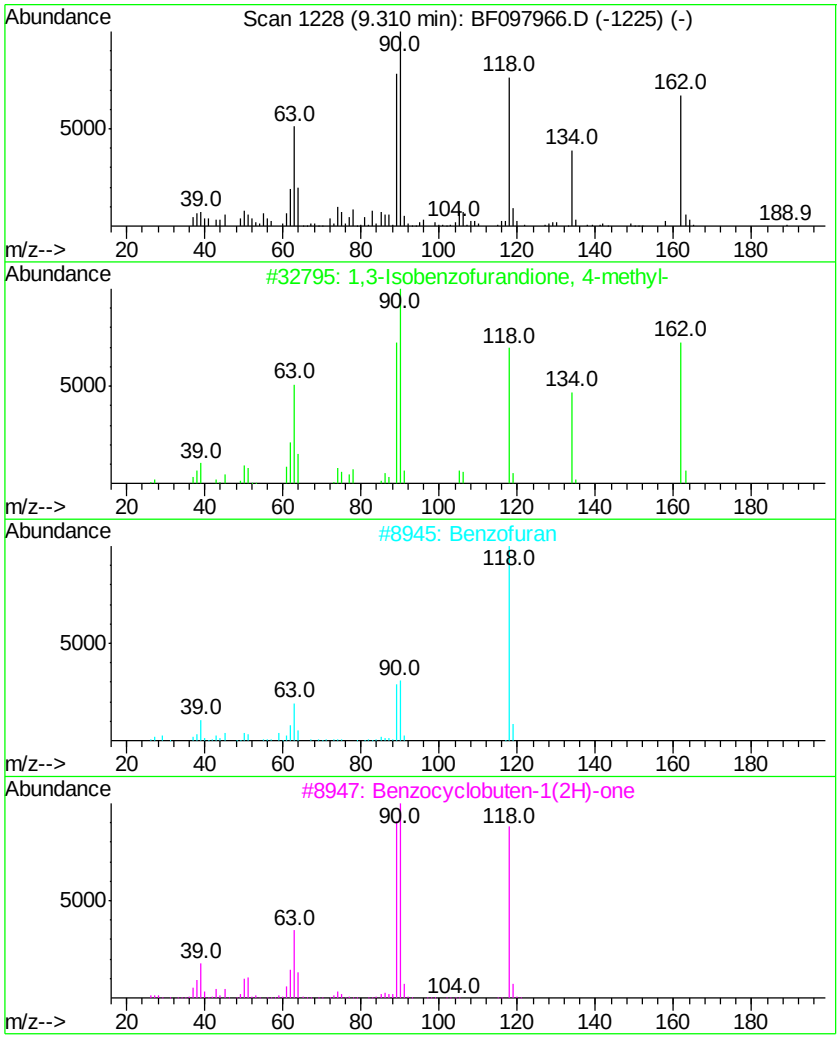
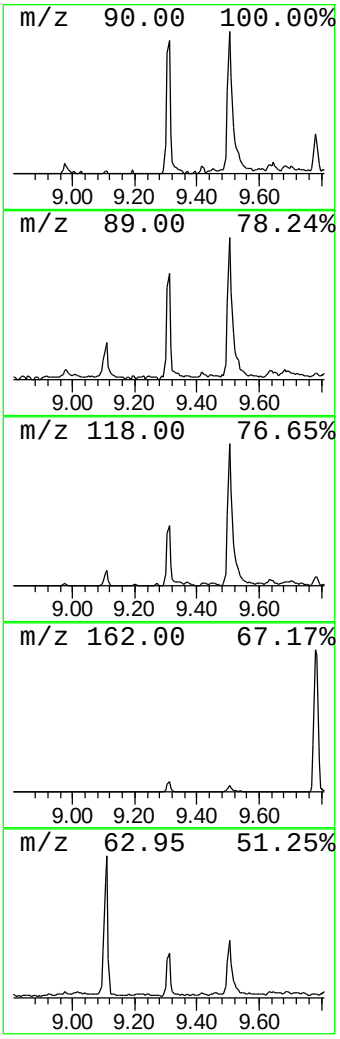
Peak Number 19 1,3-Isobenzofurandione, 4-m... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.87 ng	111622	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Isobenzofurandione, 4-methyl-	162	C9H6O3	004792-30-7	98
2	Benzofuran	118	C8H6O	000271-89-6	97
3	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	90
4	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	83
5	Bicyclo[2.2.1]-2,5-heptadiene-2,...	180	C9H8O4	015872-28-3	59





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

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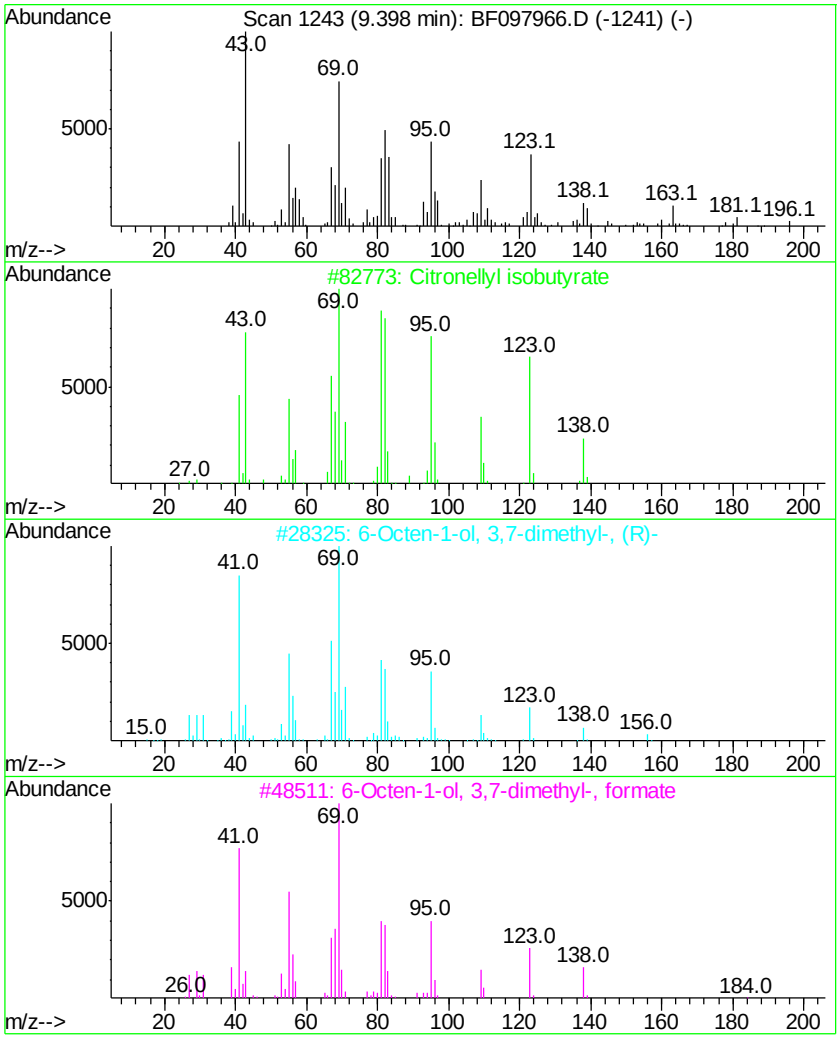
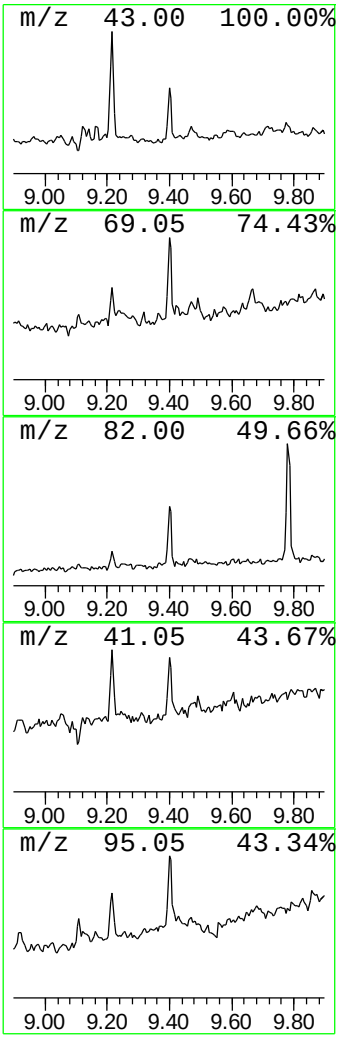
Peak Number 20 Citronellyl isobutyrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	5.11 ng	198421	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Citronellyl isobutyrate	226	C14H26O2	000097-89-2	72
2	6-Octen-1-ol, 3,7-dimethyl-, (R)-	156	C10H20O	001117-61-9	43
3	6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	43
4	2-Butanone, 4-(2,2,6-trimethylcy...	196	C13H24O	006138-85-8	30
5	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	27





Tentatively Identified Compound (LSC) summary

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Data File : BF097966.D
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Operator : SJ/JU
Sample : I4900-17
Misc :
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Instrument : BNA_F
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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...	4.93	8.7	ng	327999	1	6.75	754809	20.0
Cyclopentanone, 3...	5.06	2.5	ng	94977	1	6.75	754809	20.0
unknown5.49	5.49	4.0	ng	150586	1	6.75	754809	20.0
2-Heptanone	5.53	4.0	ng	150654	1	6.75	754809	20.0
2-Heptanone, 6-me...	6.19	11.2	ng	423535	1	6.75	754809	20.0
Cyclohexane, 1,2-...	6.27	3.5	ng	133500	1	6.75	754809	20.0
2-Piperidinone	6.47	5.7	ng	214147	1	6.75	754809	20.0
unknown6.52	6.52	69.4	ng	2620320	1	6.75	754809	20.0
Cyclopentane, 1-e...	6.63	3.4	ng	128102	1	6.75	754809	20.0
unknown6.96	6.96	5.4	ng	203433	1	6.75	754809	20.0
unknown7.02	7.02	2.9	ng	107988	1	6.75	754809	20.0
Pentanal, 2-methyl-	7.06	2.8	ng	104194	1	6.75	754809	20.0
unknown7.16	7.16	3.1	ng	116677	1	6.75	754809	20.0
Benzene, 1,2-dich...	8.75	7.3	ng	333788	2	8.03	913983	20.0
Phthalic anhydride	8.79	10.4	ng	474730	2	8.03	913983	20.0
2-Undecanone, 6,1...	9.22	3.8	ng	149086	3	9.78	776596	20.0
1,3-Isobenzofuran...	9.31	2.9	ng	111622	3	9.78	776596	20.0
Citronellyl isobu...	9.40	5.1	ng	198421	3	9.78	776596	20.0