LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077605.D
Acq On : 5 Mar 2015 4:59
Operator : TP/IZ
Sample : G1424-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB19

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.390	41	44	46	rVB	3399386	4319017	100.00%	16.344%
2	1.515	51	55	58	rVB	125614	226358	5.24%	0.857%
3	1.698	68	71	77	rVV2	112661	236431	5.47%	0.895%
4	1.824	80	82	99	rVB	711039	1122049	25.98%	4.246%
5	4.990	358	359	367	rVB	172803	268573	6.22%	1.016%
6	5.516	402	405	408	rBV	1464181	1472279	34.09%	5.571%
7	6.784	514	516	519	rBV	1468901	1474129	34.13%	5.578%
8	6.933	527	529	532	rBV	1683939	1580112	36.58%	5.979%
9	7.219	552	554	557	rBV	367339	391011	9.05%	1.480%
10	7.413	568	571	573	rVB	1141881	1259601	29.16%	4.767%
11	7.916	612	615	617	rBV	1077348	1002596	23.21%	3.794%
12	8.796	690	692	695	rBV	616679	545739	12.64%	2.065%
13	10.145	808	810	813	rBV	2077062	1790862	41.46%	6.777%
14	10.648	852	854	857	rVB	123625	111459	2.58%	0.422%
15	10.968	880	882	884	rBV	585232	595927	13.80%	2.255%
16	11.871	959	961	964	rVB	72715	66799	1.55%	0.253%
17	11.951	965	968	970	rBV	1193118	1180280	27.33%	4.466%
18	12.808	1041	1043	1045	rBV	554892	684290	15.84%	2.589%
19	12.842	1045	1046	1048	rVB	294575	215511	4.99%	0.816%
20	12.899	1048	1051	1053	rBV	47708	63267	1.46%	0.239%
21	13.471	1100	1101	1104	rVB	44452	49915	1.16%	0.189%
22	13.562	1107	1109	1112	rVV	232355	268024	6.21%	1.014%
23	13.837	1129	1133	1138	rVB2	23831	53539	1.24%	0.203%
24	14.317	1173	1175	1177	rBV	423645	399401	9.25%	1.511%
25	14.499	1188	1191	1196	rBV2	41728	54030	1.25%	0.204%
26	14.591	1196	1199	1202	rBV	282844	418568	9.69%	1.584%
27	14.808	1215	1218	1221	rBV	2013547	1964227	45.48%	7.433%
28	14.980	1229	1233	1234	rBV3	27486	50980	1.18%	0.193%
29	15.014	1234	1236	1239	rVV3	52383	91595	2.12%	0.347%
30	15.105	1241	1244	1245	rVV	31060	61183	1.42%	0.232%
31	15.140	1245	1247	1253	rVB2	59013	117085	2.71%	0.443%
32	15.574	1276	1285	1286	rBV4	28926	115076	2.66%	0.435%
33	15.642	1289	1291	1295	rVB2	41335	79361	1.84%	0.300%
34	15.780	1300	1303	1305	rVV	43913	76456	1.77%	0.289%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.825	1305	1307	1310	rVV2	38672	105364	2.44%	0.399%
36	15.905	1312	1314	1318	rVV2	48896	94109	2.18%	0.356%
37	15.974	1318	1320	1326	rVV	364763	457235	10.59%	1.730%
38	16.100	1327	1331	1332	rVV2	729558	986505	22.84%	3.733%
39	16.122	1332	1333	1339	rVB2	131122	271200	6.28%	1.026%
40	16.225	1339	1342	1343	rBV	30721	46538	1.08%	0.176%
41	16.591	1372	1374	1376	rBV	34785	54509	1.26%	0.206%
42	16.991	1406	1409	1410	rBV2	24200	51744	1.20%	0.196%
43	17.254	1429	1432	1438	rBV4	71415	289020	6.69%	1.094%
44	17.380	1441	1443	1449	rVB	180731	407279	9.43%	1.541%
45	17.700	1469	1471	1473	rVB	95441	105474	2.44%	0.399%
46	17.757	1474	1476	1479	rVB	141222	161554	3.74%	0.611%
47	17.826	1479	1482	1485	rBV	618182	770118	17.83%	2.914%
48	18.443	1534	1536	1538	rBV2	44827	80648	1.87%	0.305%
49	19.243	1604	1606	1613	rVB2	54593	138684	3.21%	0.525%

Sum of corrected areas: 26425711

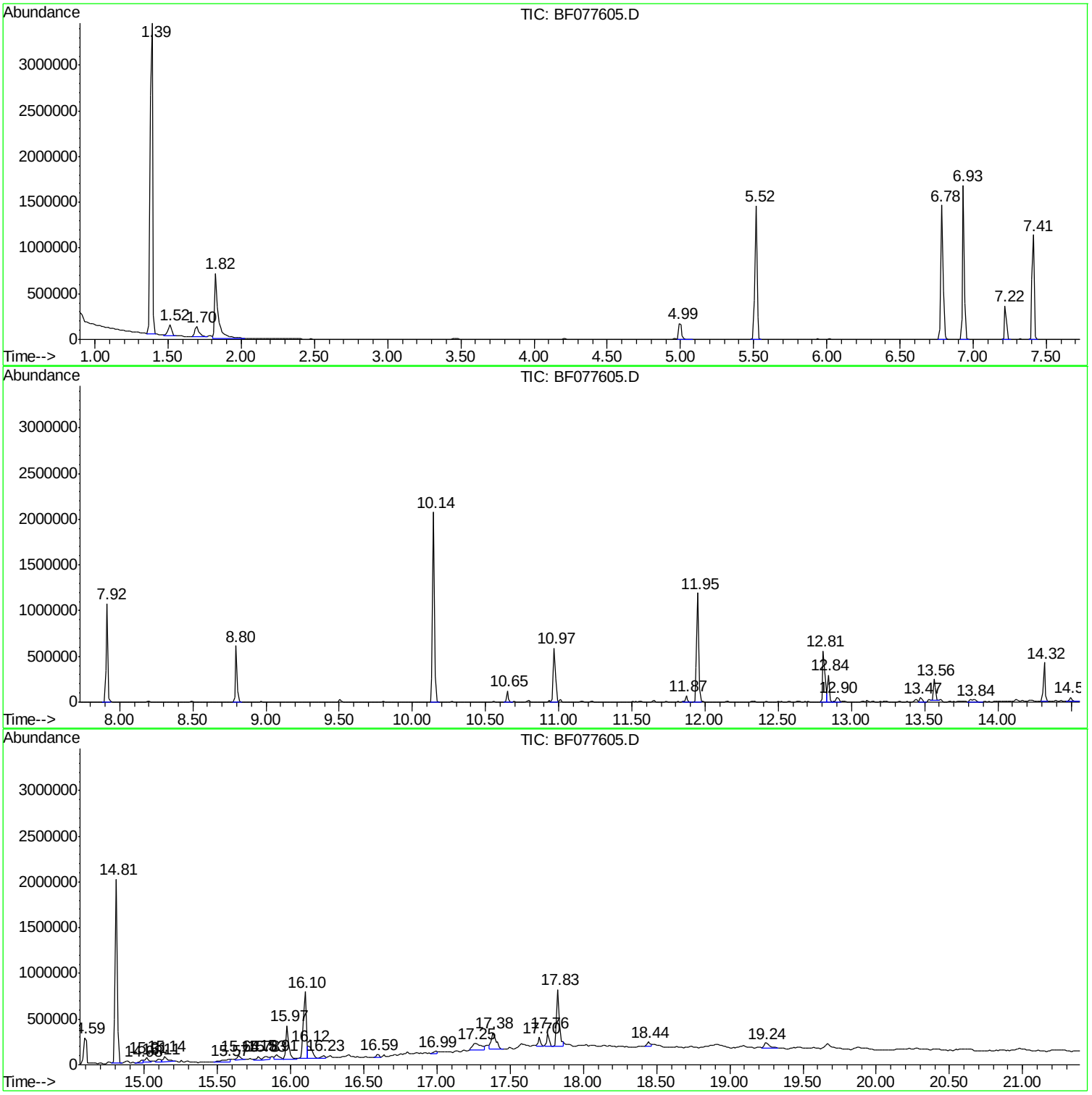
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077605.D
Acq On : 5 Mar 2015 4:59
Operator : TP/IZ
Sample : G1424-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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\BF030415\
Data File : BF077605.D
Acq On : 5 Mar 2015 4:59
Operator : TP/IZ
Sample : G1424-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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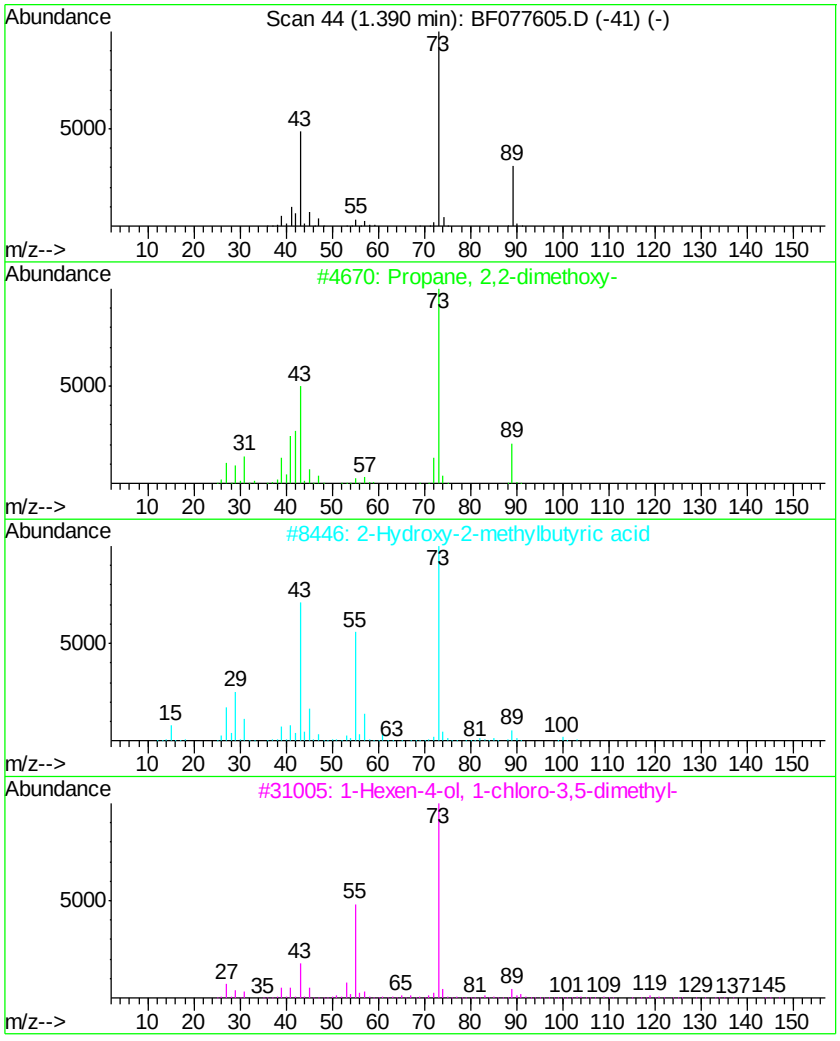
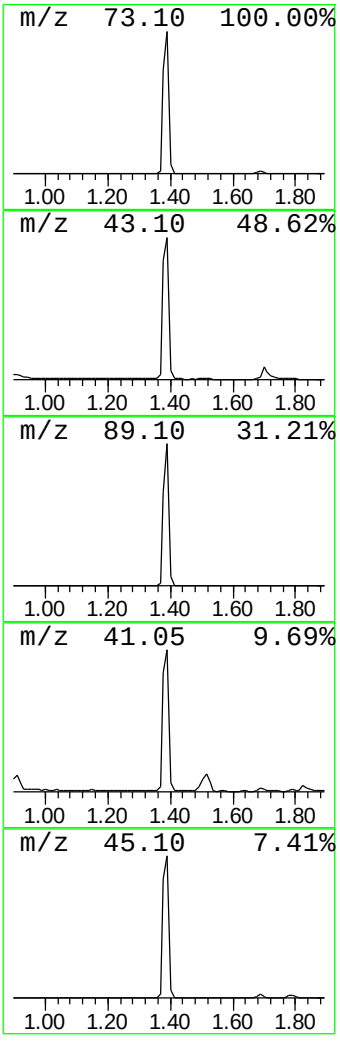
Peak Number 1 unknown1.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.39	220.92 ng	4319020	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





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Sample : G1424-04
Misc :
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Instrument : BNA_F
ClientSampleId : SB19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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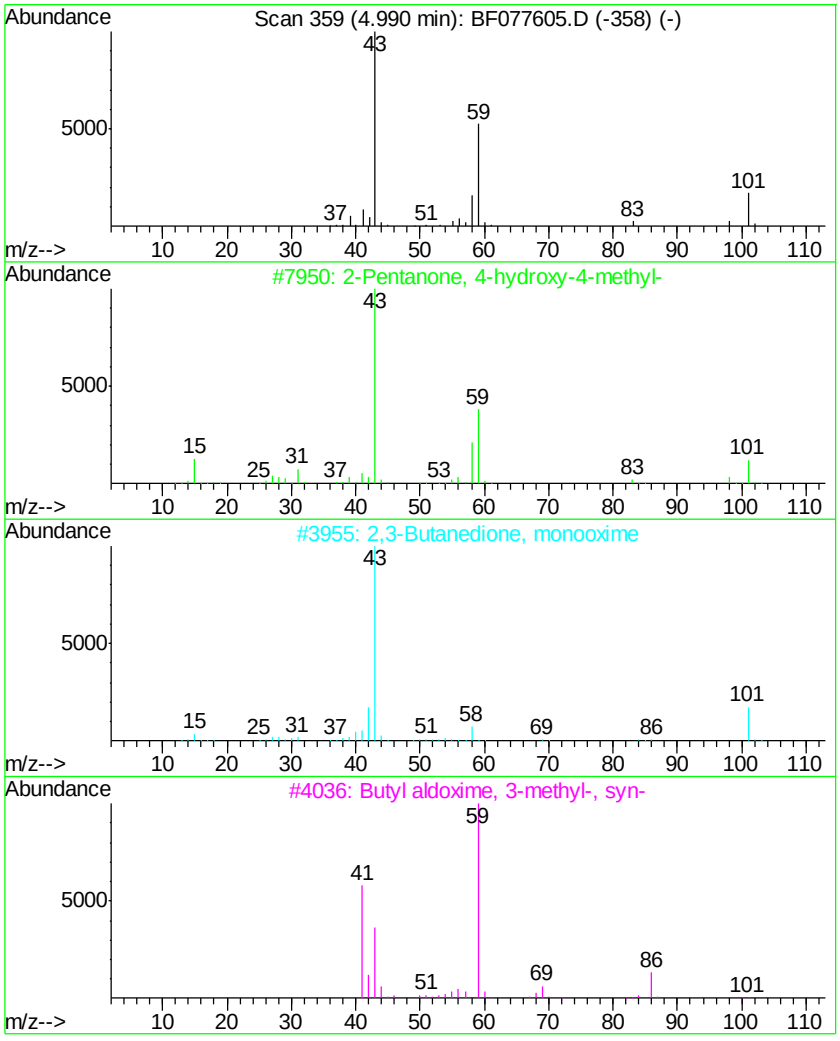
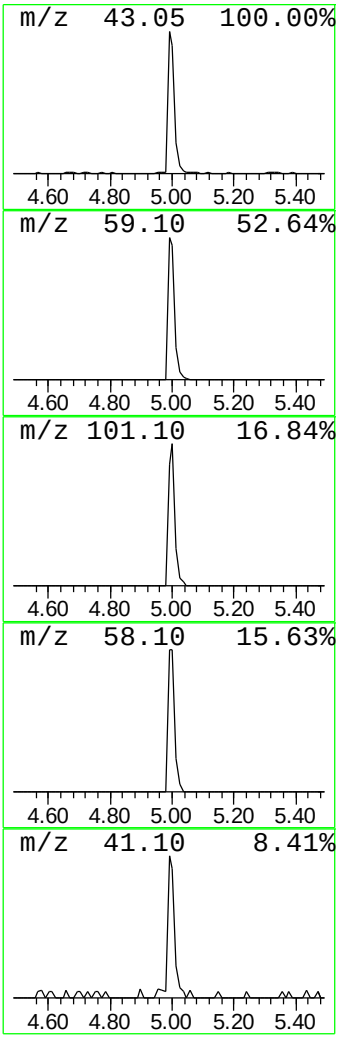
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	13.74 ng	268573	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077605.D
Acq On : 5 Mar 2015 4:59
Operator : TP/IZ
Sample : G1424-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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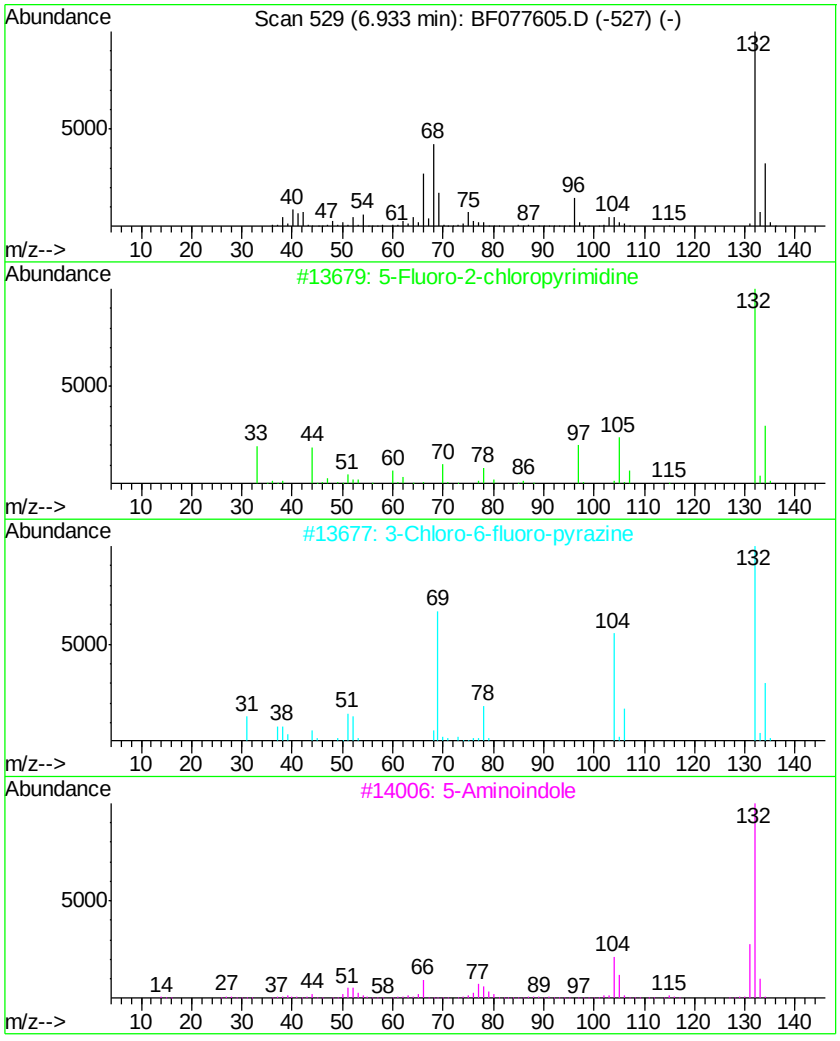
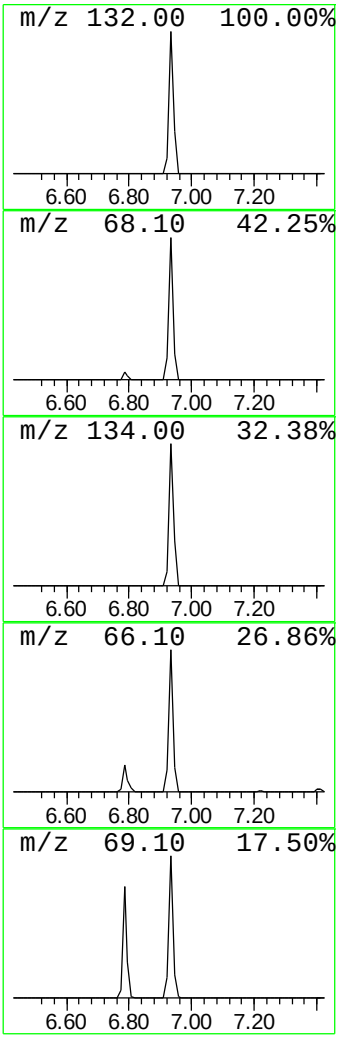
Peak Number 6 unknown6.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	80.82 ng	1580110	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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Instrument : BNA_F
ClientSampleId : SB19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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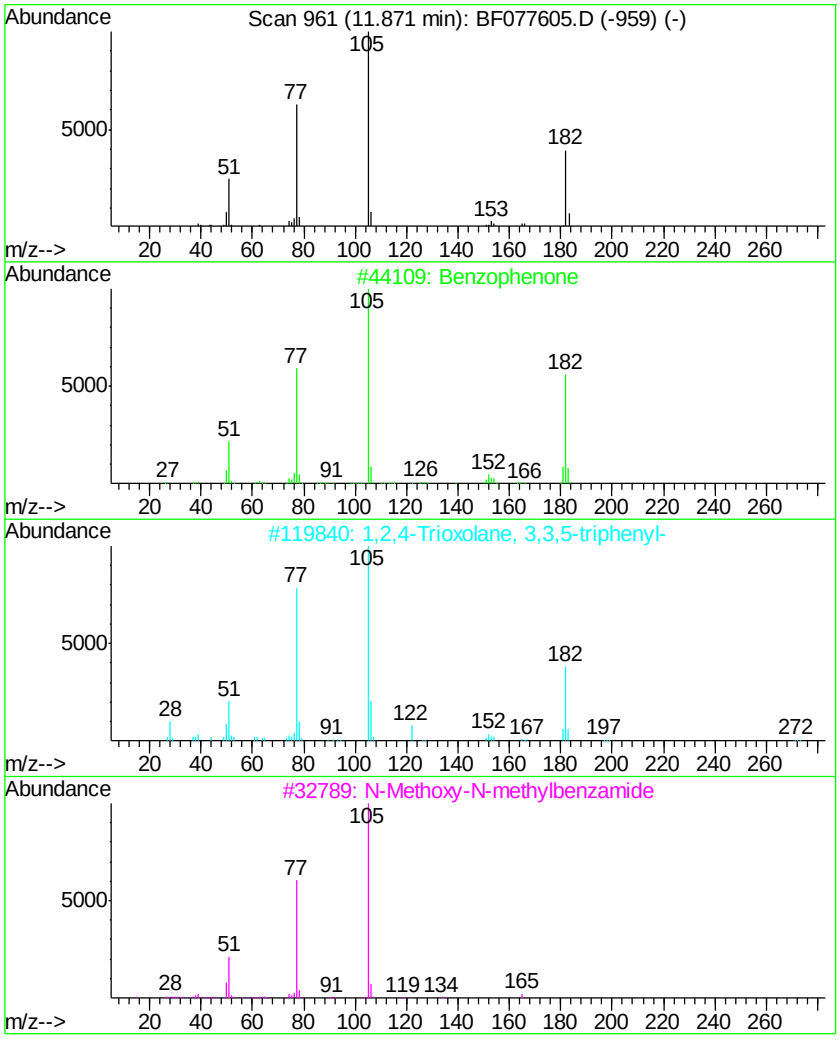
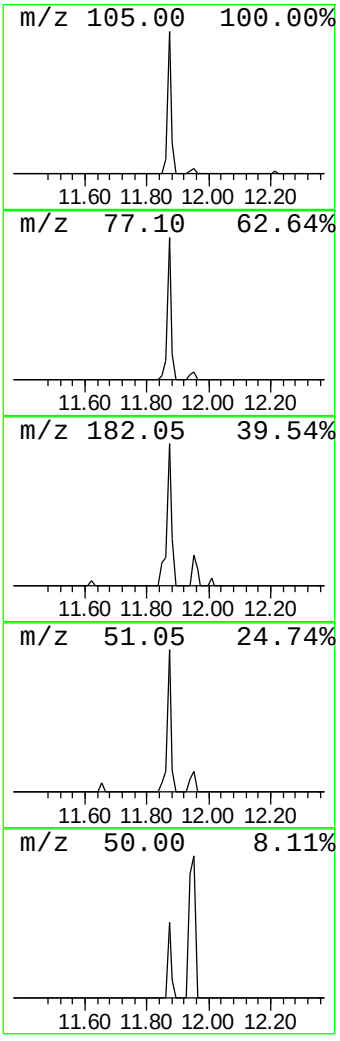
Peak Number 8 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.24 ng	66799	Acenaphthene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	52
4	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	50
5	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	50





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Misc :
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Instrument : BNA_F
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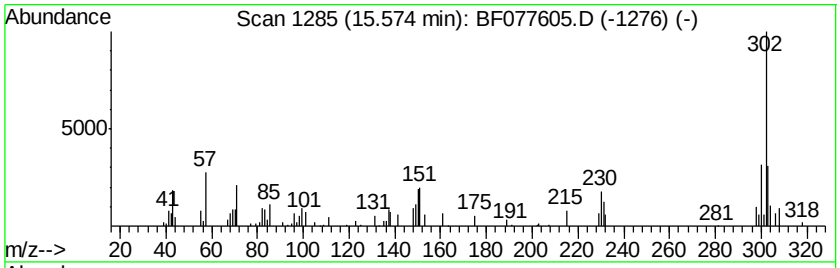
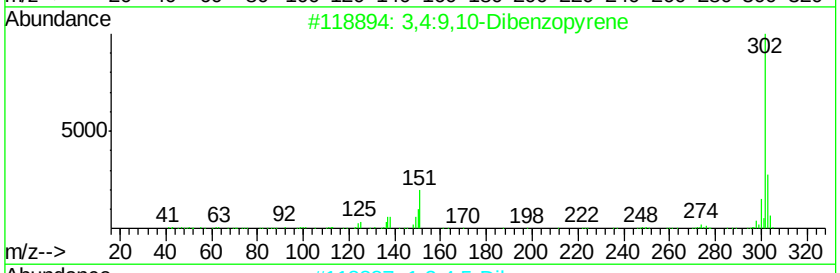
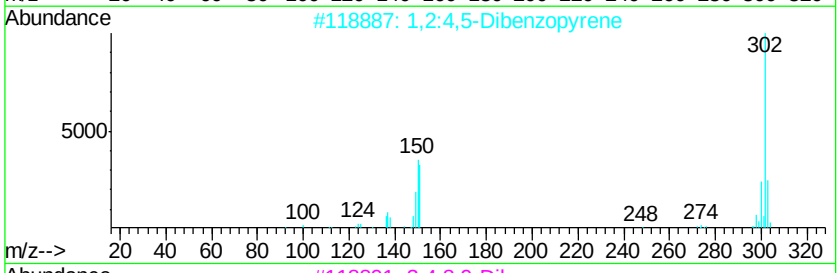
Peak Number 10 3,4:9,10-Dibenzopyrene Concentration Rank 12

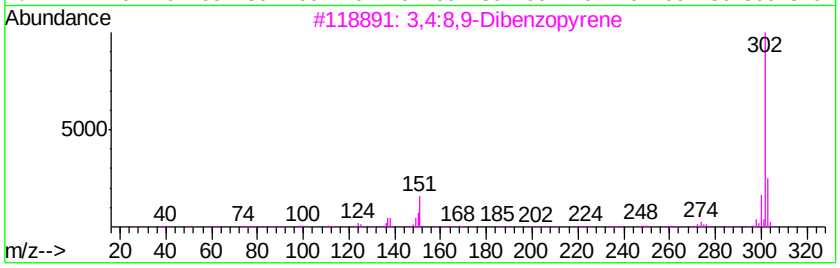
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.33 ng	115076	Chrysene-d12	16.10

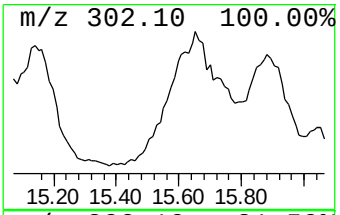
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	70
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	70
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	58
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	53
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	52

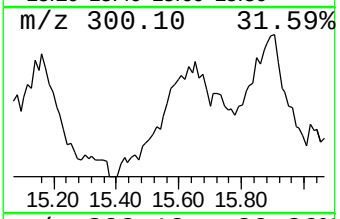


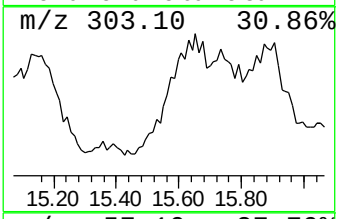


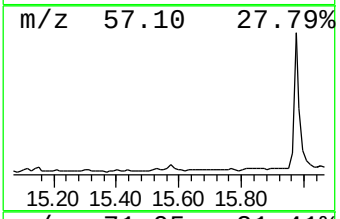


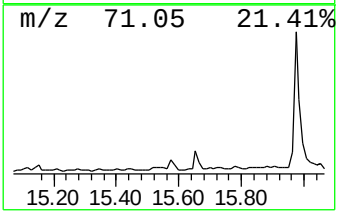












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

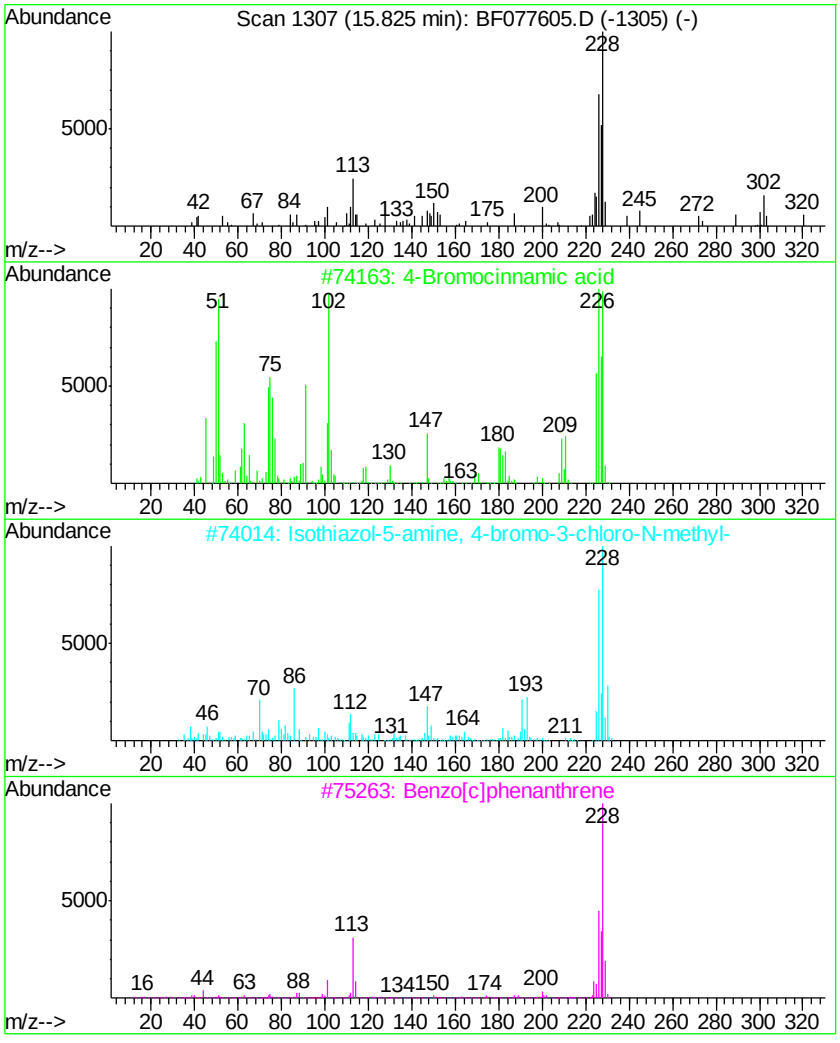
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

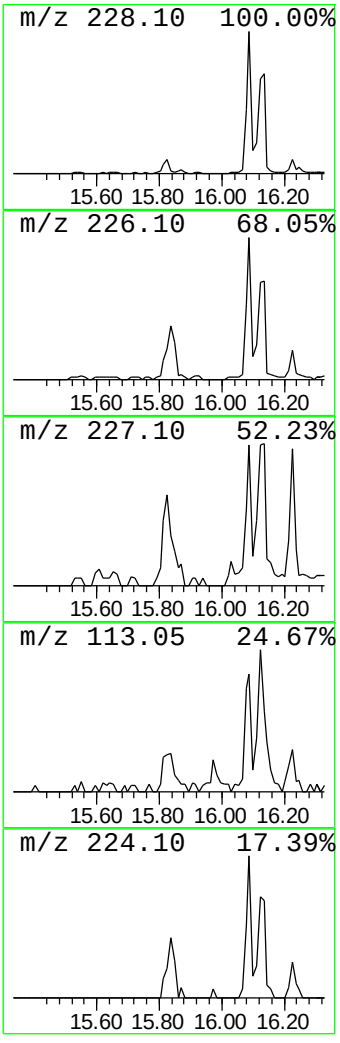
****

Peak Number 11 4-Bromocinnamic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.14 ng	105364	Chrysene-d12	16.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromocinnamic acid	226	C9H7BrO2	050663-21-3	53
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	49
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
4	1,4-Cyclohexanedicarboxylic acid...	228	C10H12O6	006289-46-9	35
5	9-(Dicyanomethylene)fluorene	228	C16H8N2	001989-32-8	27





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Data File : BF077605.D
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Sample : G1424-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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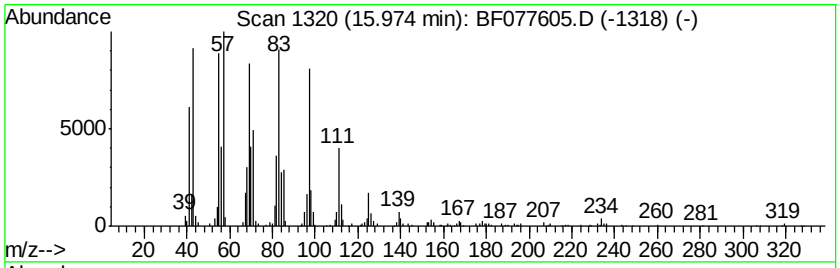
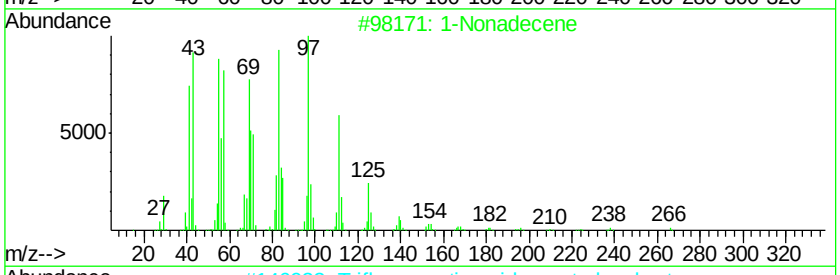
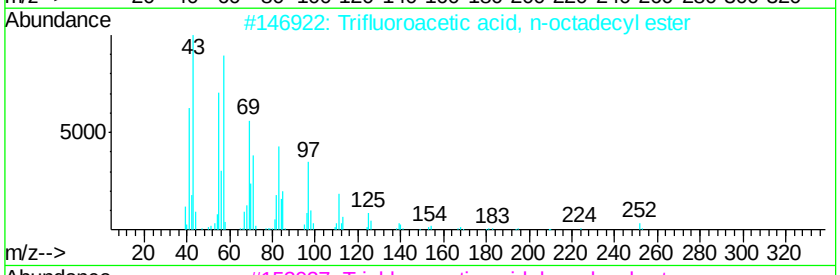
Peak Number 12 1-Nonadecene Concentration Rank 8

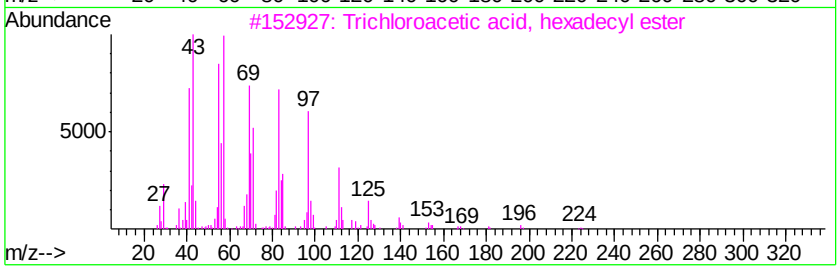
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	9.27 ng	457235	Chrysene-d12	16.10

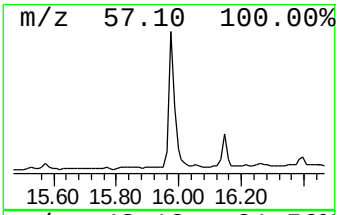
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91

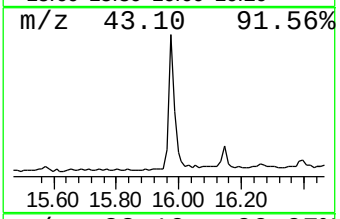


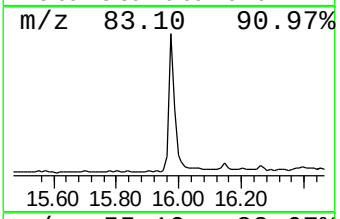


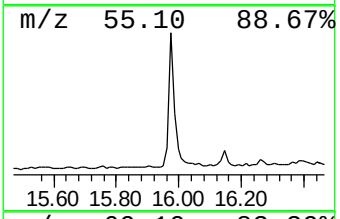


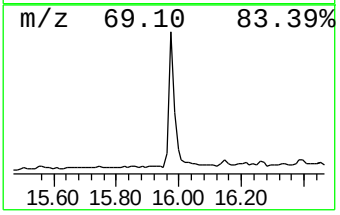












Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077605.D
Acq On : 5 Mar 2015 4:59
Operator : TP/IZ
Sample : G1424-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

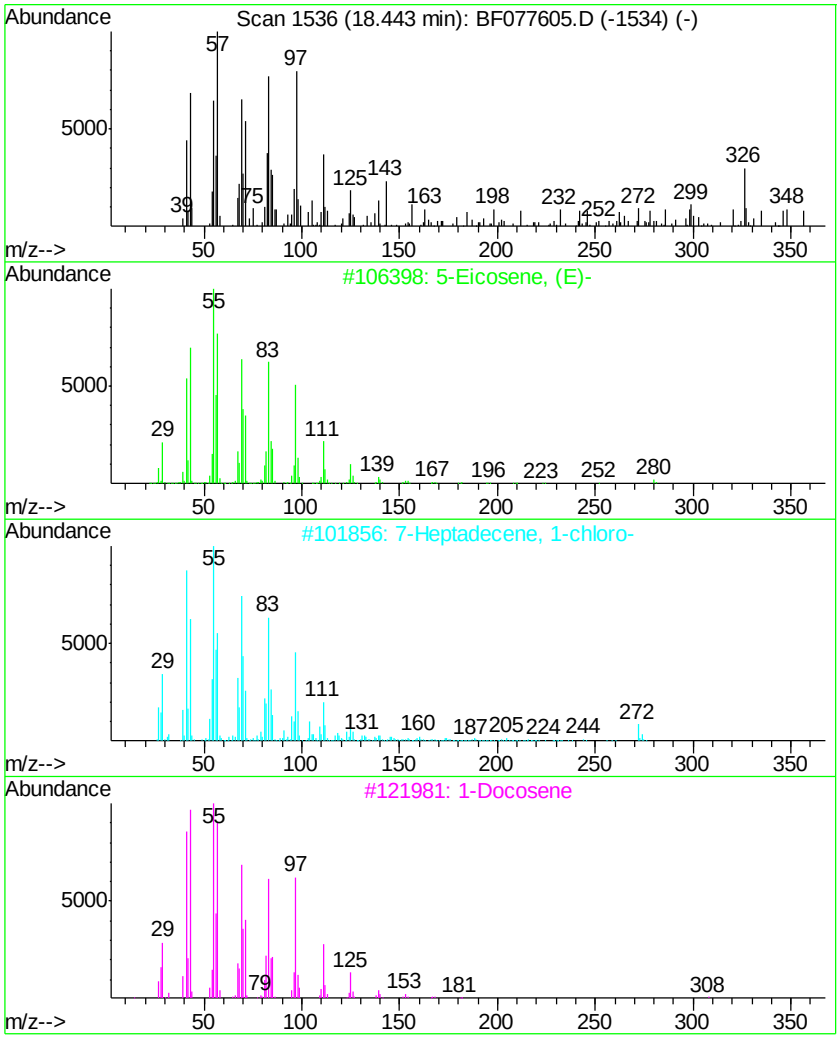
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

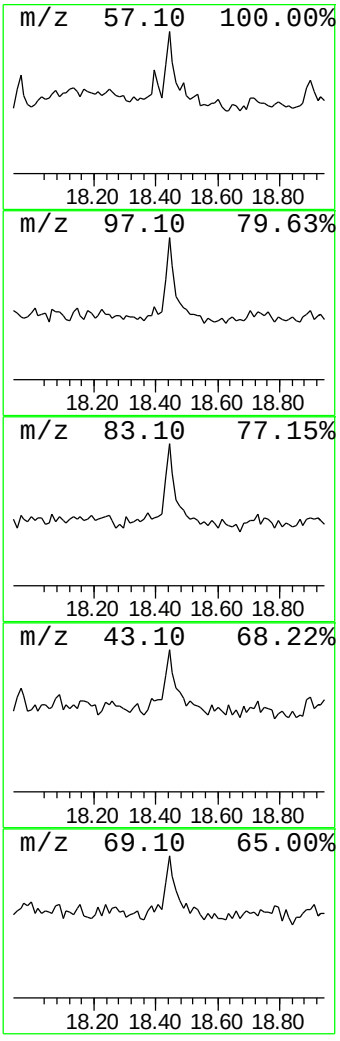
****

Peak Number 15 5-Eicosene, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.09 ng	80648	Perylene-d12	17.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
2	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	64
3	1-Docosene	308	C22H44	001599-67-3	62
4	1-Docosanol	326	C22H46O	000661-19-8	49
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077605.D
Acq On : 5 Mar 2015 4:59
Operator : TP/IZ
Sample : G1424-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
unknown1.39	1.39	220.9	ng	4319020	1	7.22	391011	20.0
2-Pentanone, 4-hy...	4.99	13.7	ng	268573	1	7.22	391011	20.0
unknown6.93	6.93	80.8	ng	1580110	1	7.22	391011	20.0
Benzophenone	11.87	2.2	ng	66799	3	10.97	595927	20.0
3,4:9,10-Dibenzop...	15.57	2.3	ng	115076	5	16.10	986505	20.0
4-Bromocinnamic acid	15.83	2.1	ng	105364	5	16.10	986505	20.0
1-Nonadecene	15.97	9.3	ng	457235	5	16.10	986505	20.0
5-Eicosene, (E)-	18.44	2.1	ng	80648	6	17.83	770118	20.0