LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

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-BF101116.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	3.754	119	124	128	rVB	54789	101625	1.37%	0.155%
2	4.531	188	192	194	rBV	125745	165378	2.23%	0.252%
3	5.149	239	246	249	rBV2	344755	587551	7.91%	0.896%
4	5.423	268	270	273	rVB	298378	277733	3.74%	0.423%
5	5.526	277	279	280	rVV	78809	108621	1.46%	0.166%
6	5.560	280	282	285	rVB	2502134	2520935	33.94%	3.842%
7	5.812	301	304	307	rBV4	77434	165204	2.22%	0.252%
8	5.972	314	318	320	rBV2	77424	154666	2.08%	0.236%
9	6.120	329	331	332	rBV	329009	329028	4.43%	0.501%
10	6.154	332	334	337	rVB2	101726	125015	1.68%	0.191%
11	6.406	355	356	358	rVB	304051	285479	3.84%	0.435%
12	6.577	369	371	374	rVV	1473694	1558395	20.98%	2.375%
13	6.634	374	376	381	rVB5	213739	192228	2.59%	0.293%
14	6.726	381	384	386	rBV	4406590	5160098	69.48%	7.865%
15	6.772	386	388	391	rVV	270269	335239	4.51%	0.511%
16	6.829	391	393	395	rVB2	72533	80381	1.08%	0.123%
17	6.955	401	404	406	rBV	1324672	1437593	19.36%	2.191%
18	7.012	407	409	415	rVB	219390	218856	2.95%	0.334%
19	7.115	415	418	419	rBV	3846080	4784699	64.43%	7.293%
20	7.172	419	423	424	rVB2	165521	290236	3.91%	0.442%
21	7.206	424	426	427	rVB2	89171	99579	1.34%	0.152%
22	7.297	430	434	437	rVB4	134082	252868	3.40%	0.385%
23	7.355	437	439	441	rBV	377827	393263	5.30%	0.599%
24	7.515	448	453	458	rBV	3426403	4215503	56.76%	6.425%
25	7.595	458	460	462	rBV2	151368	181177	2.44%	0.276%
26	7.640	462	464	465	rBV2	60945	78734	1.06%	0.120%
27	7.720	470	471	473	rVB	109428	149929	2.02%	0.229%
28	7.755	473	474	476	rVB	60515	76800	1.03%	0.117%
29	7.846	479	482	484	rVB2	135708	219370	2.95%	0.334%
30	7.915	484	488	490	rBV2	153156	351702	4.74%	0.536%
31	7.983	490	494	496	rBV3	301718	548824	7.39%	0.837%
32	8.052	497	500	503	rBV2	476713	762466	10.27%	1.162%
33	8.109	503	505	506	rBV	90573	99868	1.34%	0.152%
34	8.143	506	508	512	rVB3	70712	148996	2.01%	0.227%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

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-BF101116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.235	514	516	521	rBV	1472564	2425034	32.65%	3.696%
36	8.395	525	530	531	rBV5	102928	238907	3.22%	0.364%
37	8.498	537	539	540	rBV2	118016	119793	1.61%	0.183%
38	8.532	540	542	544	rVB3	278247	316042	4.26%	0.482%
39	8.612	544	549	551	rBV3	647813	1042478	14.04%	1.589%
40	8.680	551	555	557	rBV2	231392	457244	6.16%	0.697%
41	8.806	563	566	570	rVB4	217260	443003	5.97%	0.675%
42	8.898	570	574	576	rBV5	130669	306987	4.13%	0.468%
43	8.955	576	579	580	rVV2	516004	684874	9.22%	1.044%
44	8.978	580	581	582	rVV	148785	133459	1.80%	0.203%
45	9.012	582	584	586	rVV2	216056	305847	4.12%	0.466%
46	9.046	586	587	589	rVV	213577	345342	4.65%	0.526%
47	9.092	589	591	592	rVV	188759	255091	3.43%	0.389%
48	9.126	592	594	596	rVV	402302	465351	6.27%	0.709%
49	9.183	597	599	602	rVV4	211909	336300	4.53%	0.513%
50	9.240	602	604	605	rVV	164907	216216	2.91%	0.330%
51	9.275	605	607	608	rVV2	143351	146328	1.97%	0.223%
52	9.320	608	611	612	rVV	7381106	7426664	100.00%	11.320%
53	9.343	612	613	617	rVV4	185064	239547	3.23%	0.365%
54	9.412	617	619	620	rVV2	148865	240160	3.23%	0.366%
55	9.480	623	625	626	rVV	223939	234464	3.16%	0.357%
56	9.515	626	628	630	rVB	224516	202267	2.72%	0.308%
57	9.595	633	635	636	rBV2	144893	165196	2.22%	0.252%
58	9.755	647	649	651	rVB3	170471	179422	2.42%	0.273%
59	9.812	652	654	656	rVB	655687	647884	8.72%	0.987%
60	9.858	656	658	660	rBV3	92748	185999	2.50%	0.283%
61	9.903	660	662	664	rVV2	148724	251306	3.38%	0.383%
62	9.995	668	670	673	rVB	2216596	2067875	27.84%	3.152%
63	10.075	675	677	680	rBV	228916	342643	4.61%	0.522%
64	10.132	680	682	683	rVV	114687	118405	1.59%	0.180%
65	10.246	690	692	695	rBV3	107120	206787	2.78%	0.315%
66	10.429	705	708	709	rVB3	82166	160442	2.16%	0.245%
67	10.795	736	740	742	rBV	3907529	4832378	65.07%	7.365%
68	10.989	755	757	759	rVB3	102160	122867	1.65%	0.187%
69	11.481	798	800	802	rVV	1531604	1886808	25.41%	2.876%
70	11.526	802	804	809	rVB4	80967	146667	1.97%	0.224%
71	12.018	845	847	849	rBV	309511	261820	3.53%	0.399%

LSC Area Percent Report

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Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

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-BF101116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.807	914	916	920	rBV	237360	339241	4.57%	0.517%
73	13.081	937	940	942	rBV	6980432	7344033	98.89%	11.194%
74	13.972	1016	1018	1024	rVB2	83377	127881	1.72%	0.195%
75	14.132	1029	1032	1034	rVB	1592665	1868022	25.15%	2.847%
76	15.607	1158	1161	1163	rBV	990499	1314278	17.70%	2.003%

Sum of corrected areas: 65609391

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
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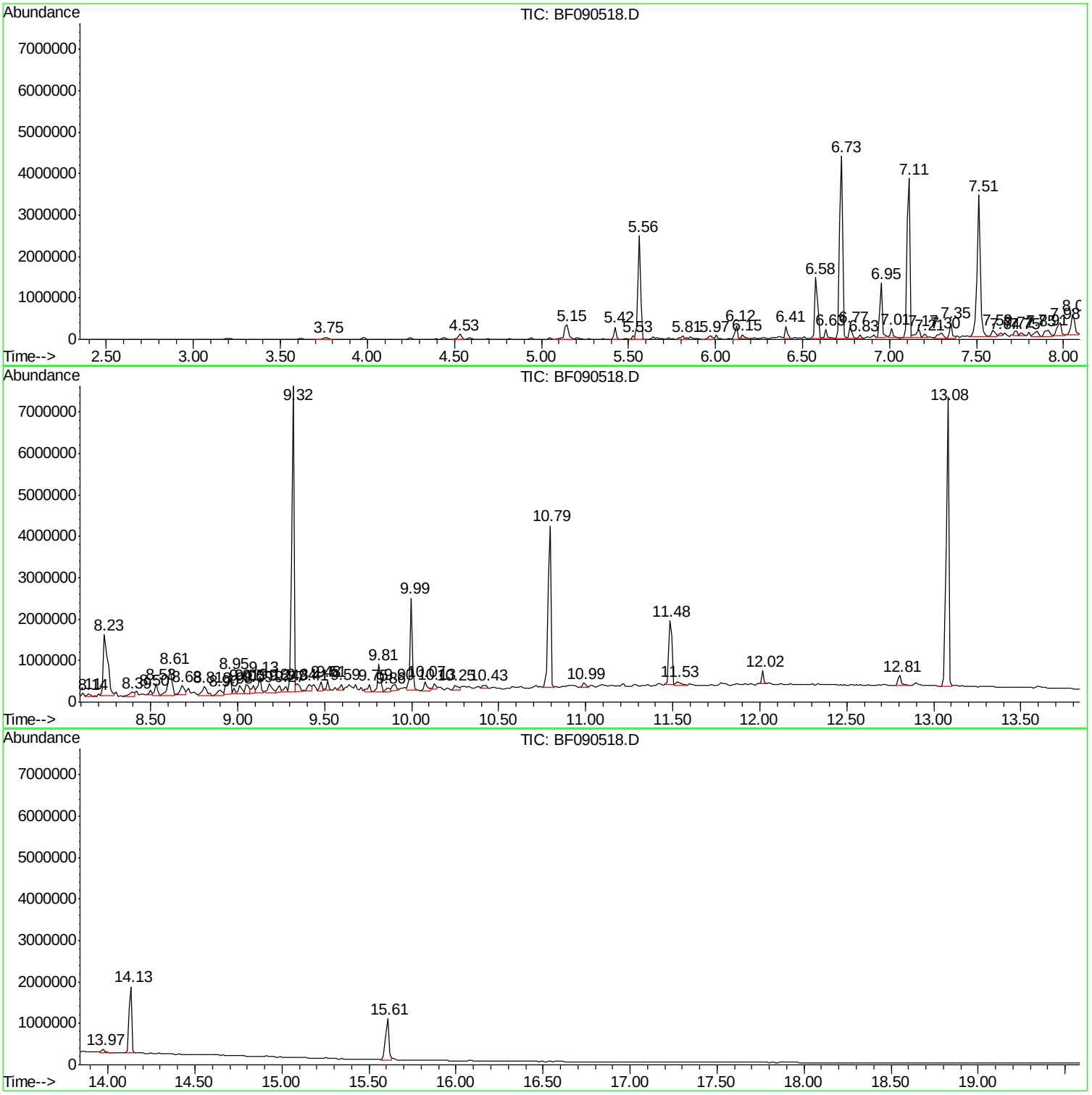
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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\BF101116\
Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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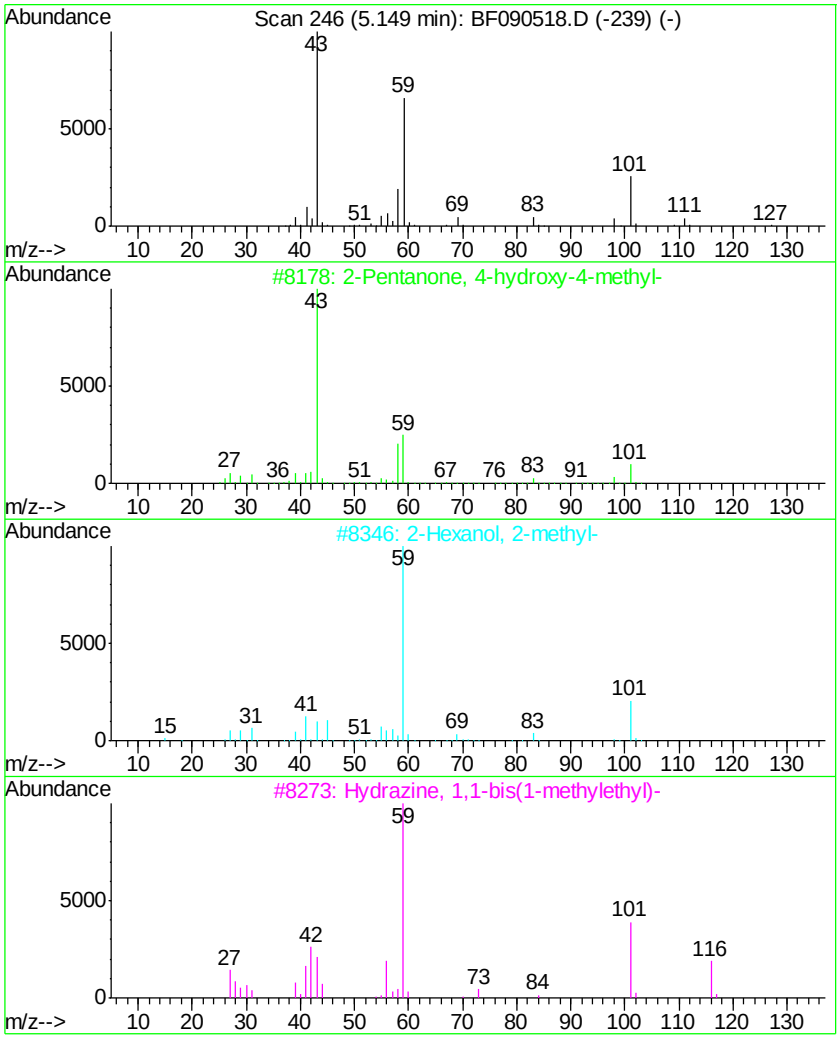
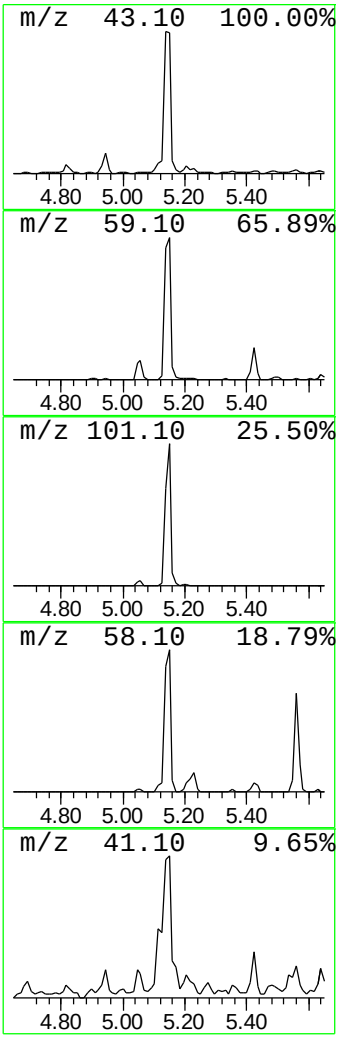
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	8.17 ng	587551	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	23
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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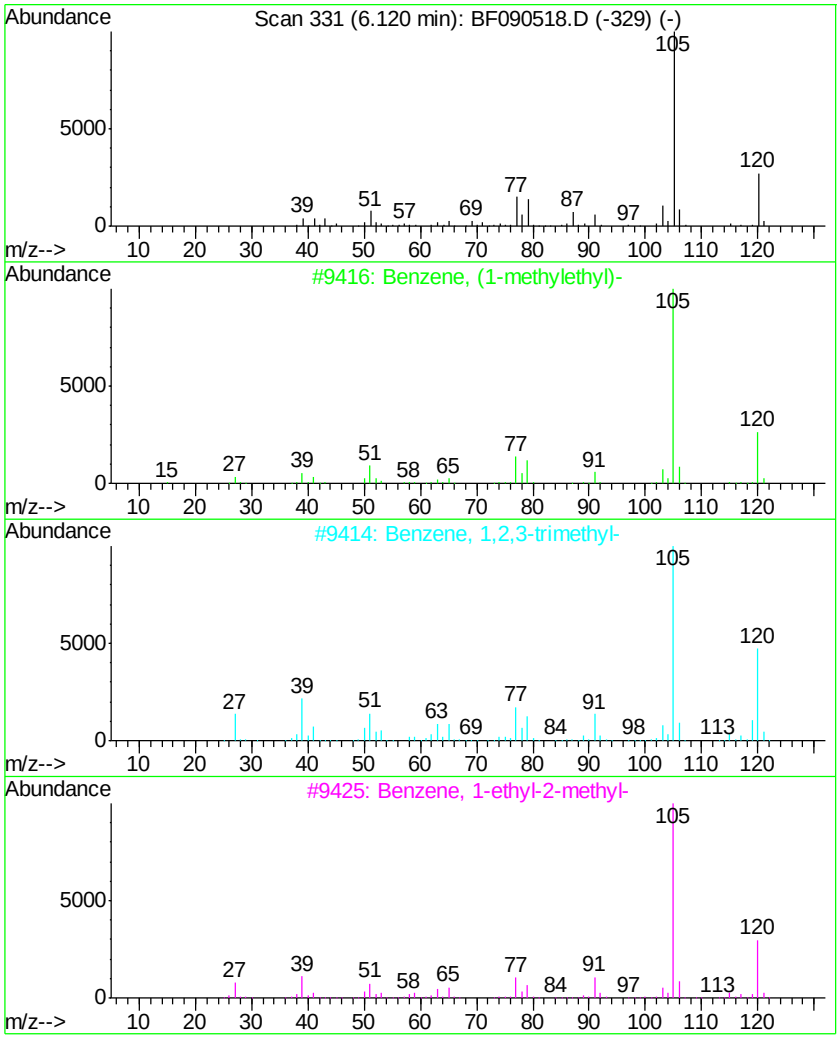
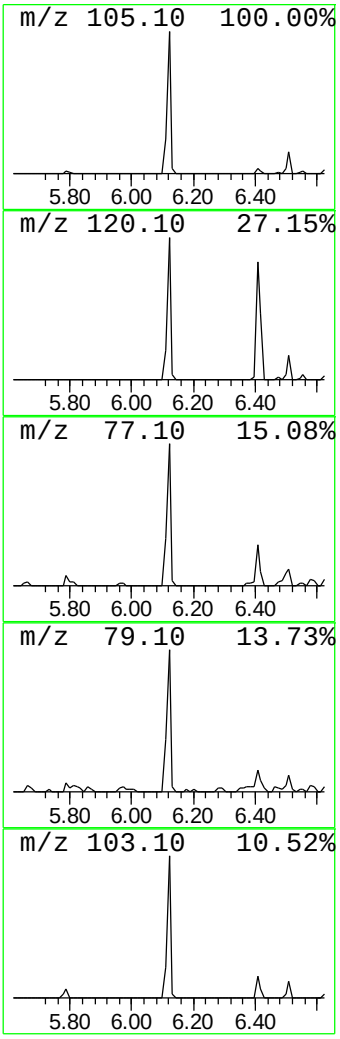
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	4.58 ng	329028	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

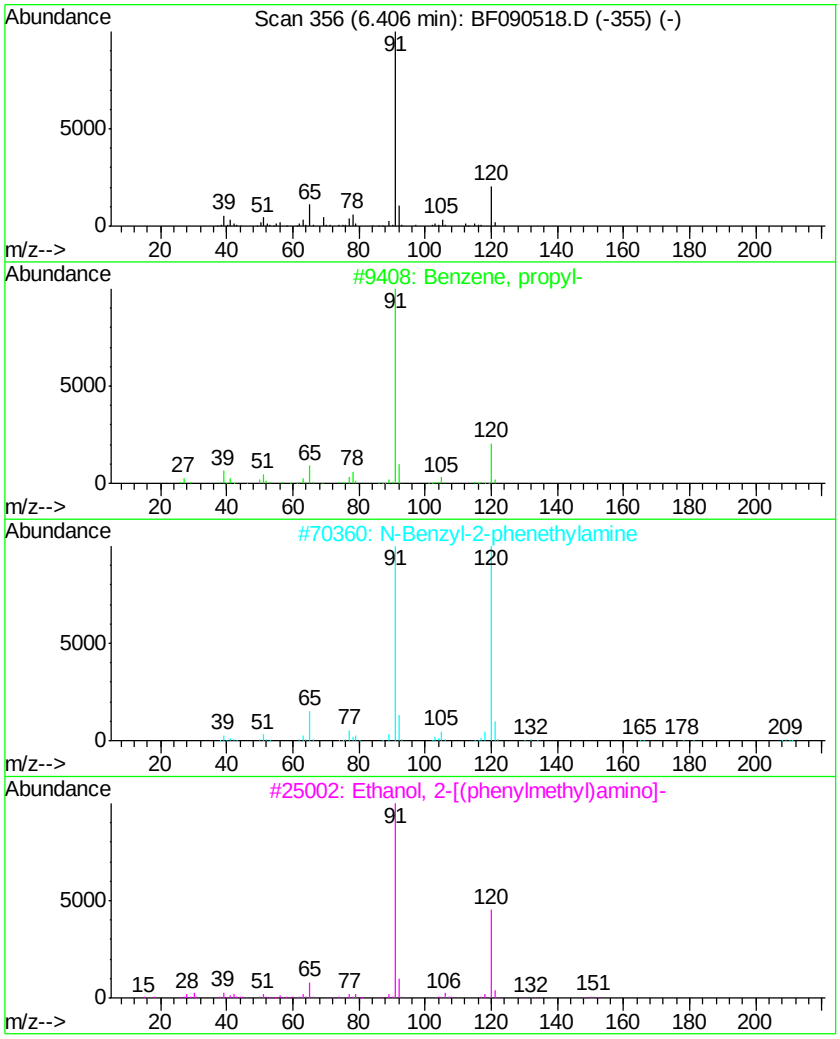
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

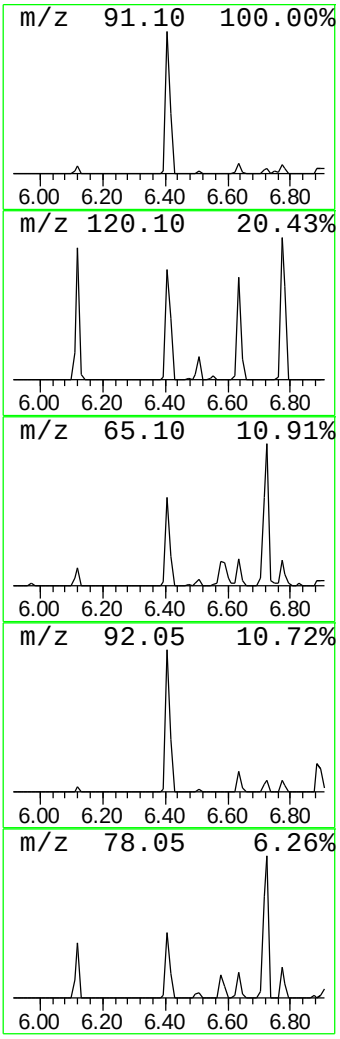
****

Peak Number 4 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	3.97 ng	285479	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59
5	Hydroxylamine, O-(phenylmethyl)-	123	C7H9NO	000622-33-3	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090518.D
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Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

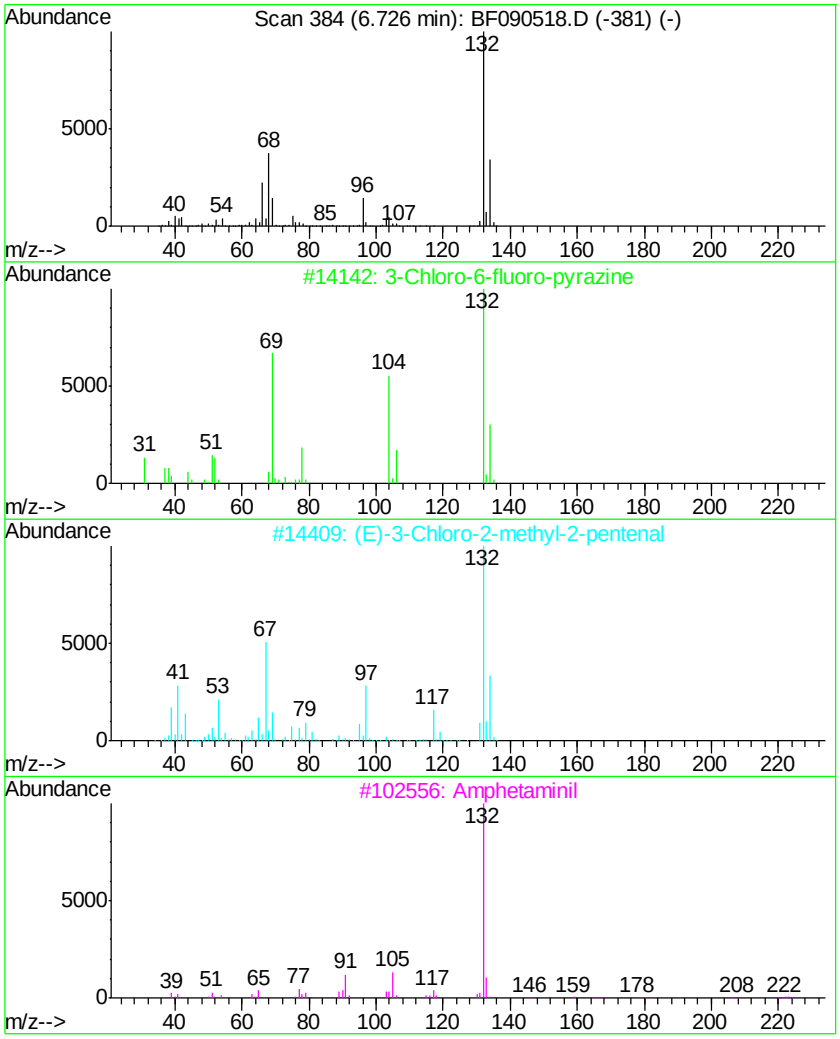
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

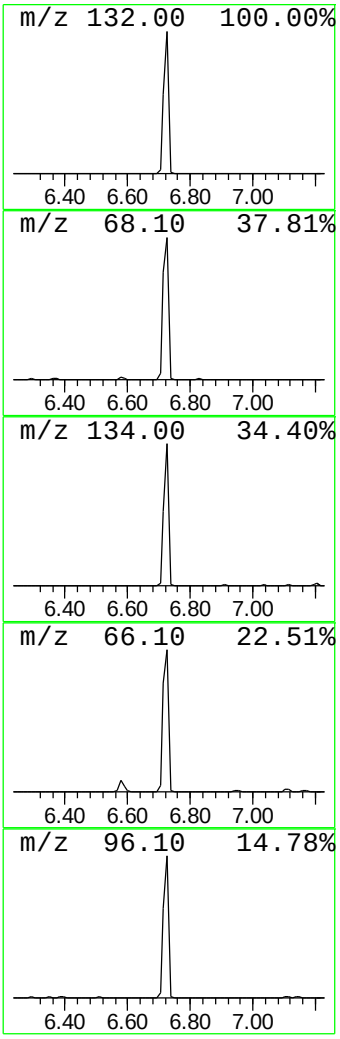
****

Peak Number 5 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	71.79 ng	5160100	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

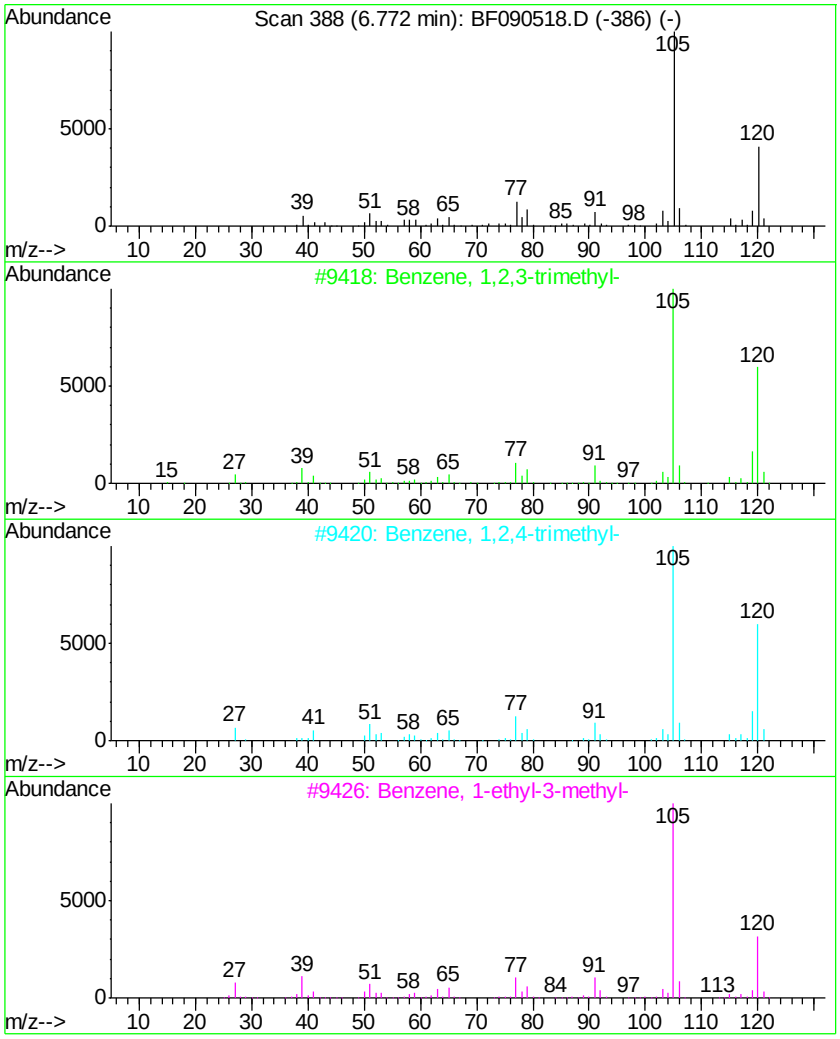
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

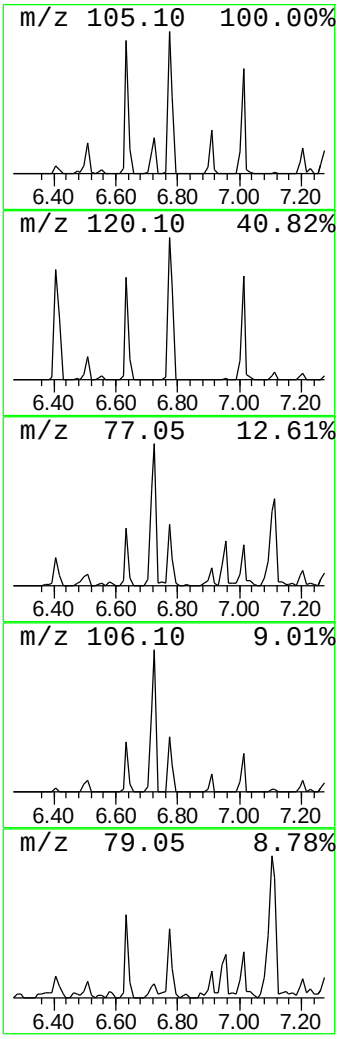
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	4.66 ng	335239	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

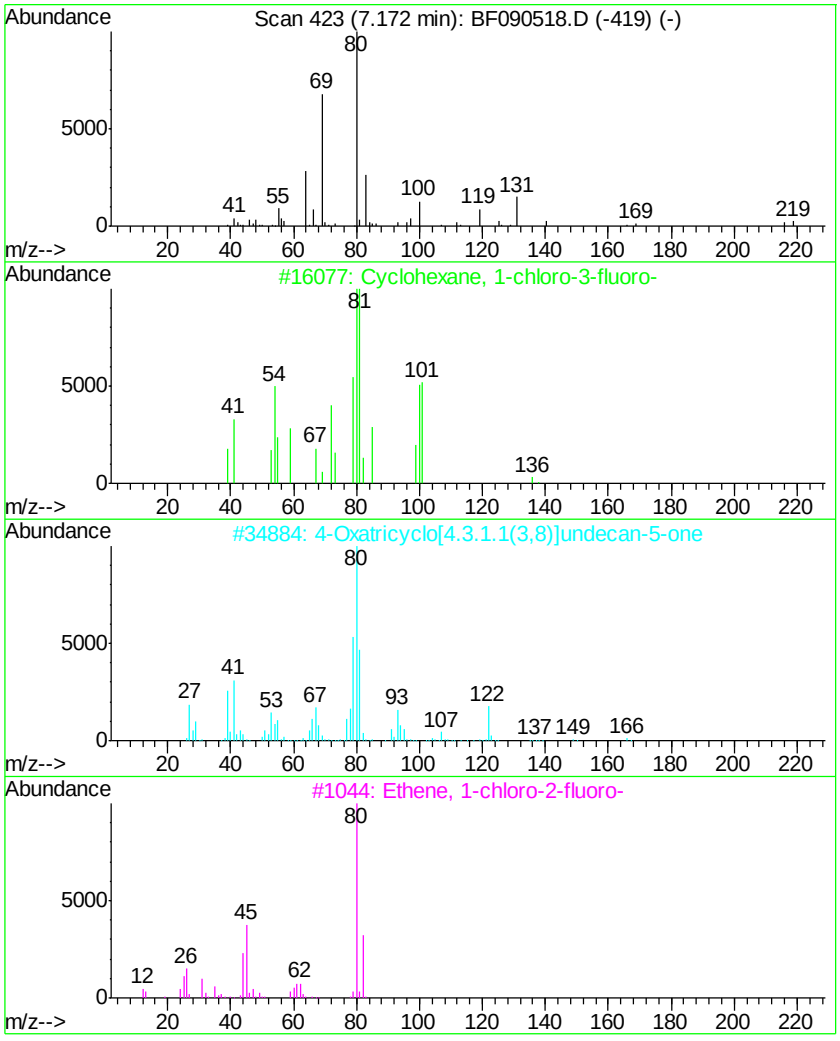
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

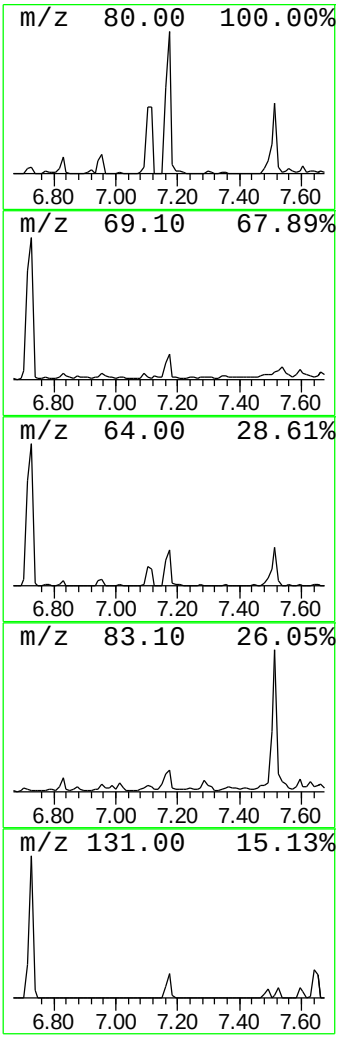
****

Peak Number 9 unknown7.17 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	4.04 ng	290236	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-chloro-3-fluoro-	136	C6H10ClF	055887-79-1	9
2	4-Oxatricyclo[4.3.1.1(3,8)]undec...	166	C10H14O2	021898-84-0	7
3	Ethene, 1-chloro-2-fluoro-	80	C2H2ClF	000460-16-2	4
4	1,3-Diazine	80	C4H4N2	000289-95-2	4
5	Pyridazine	80	C4H4N2	000289-80-5	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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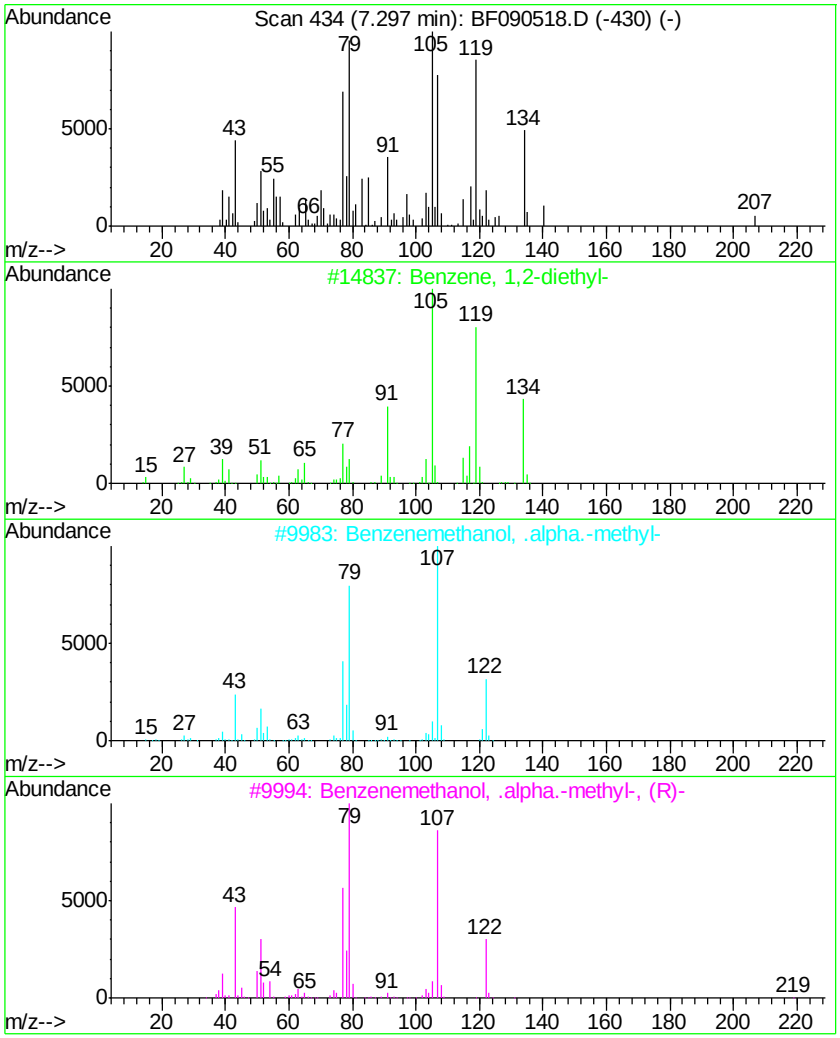
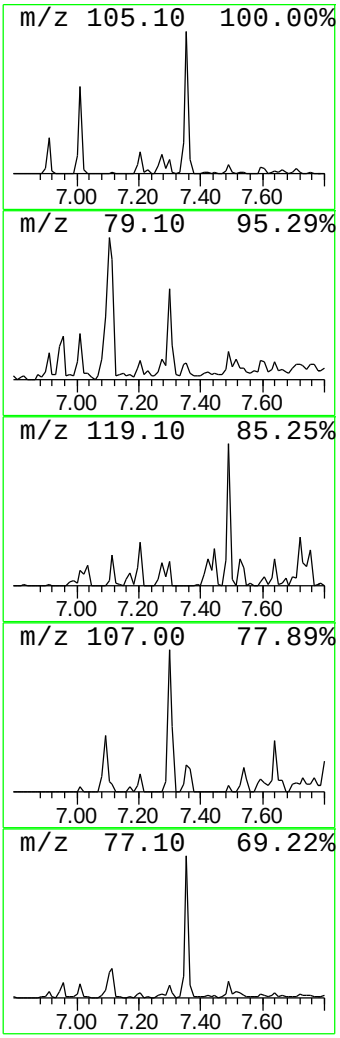
Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	3.52 ng	252868	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
2	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	55
3	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	50
4	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	50
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	42





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Data File : BF090518.D
Acq On : 11 Oct 2016 22:41
Operator : UM/SJ
Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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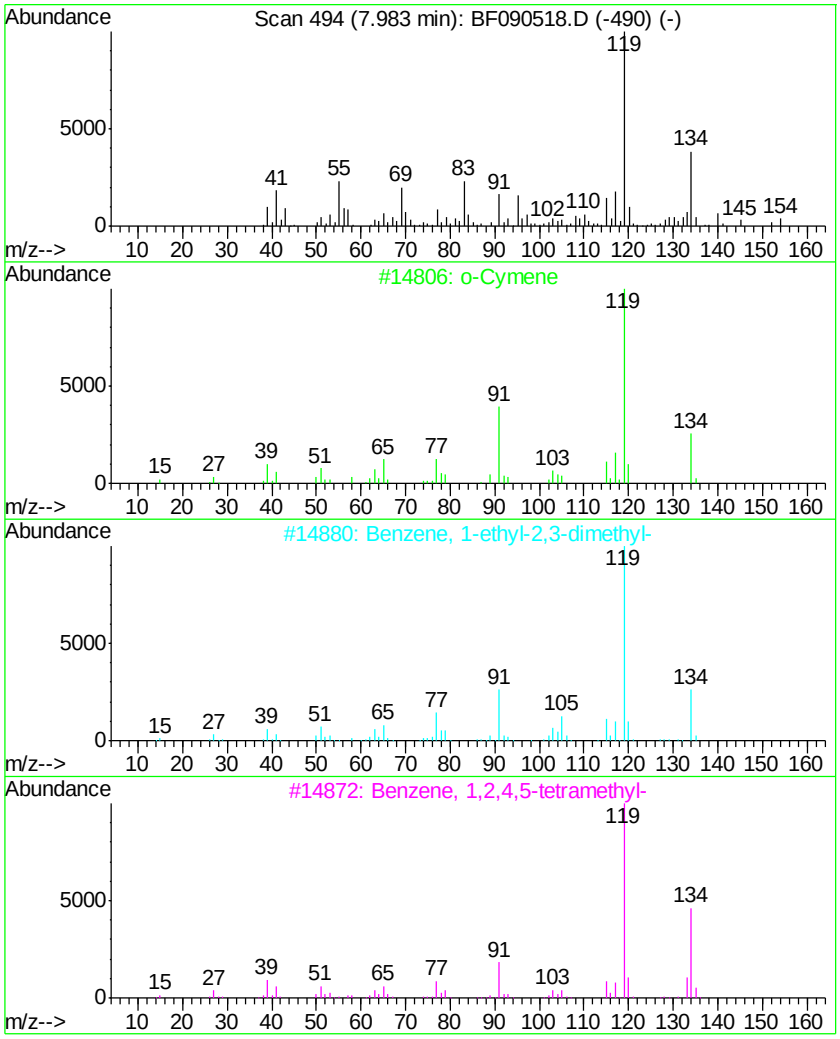
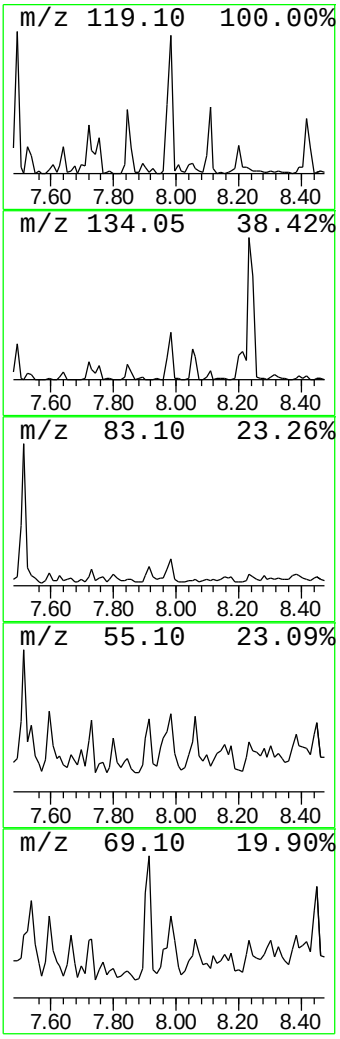
Peak Number 11 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	4.53 ng	548824	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	86
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76





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Sample : H5146-06
Misc :
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Instrument : BNA_F
ClientSampleId : S8-0616

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
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TIC Library : C:\DATABASE\NIST11.L
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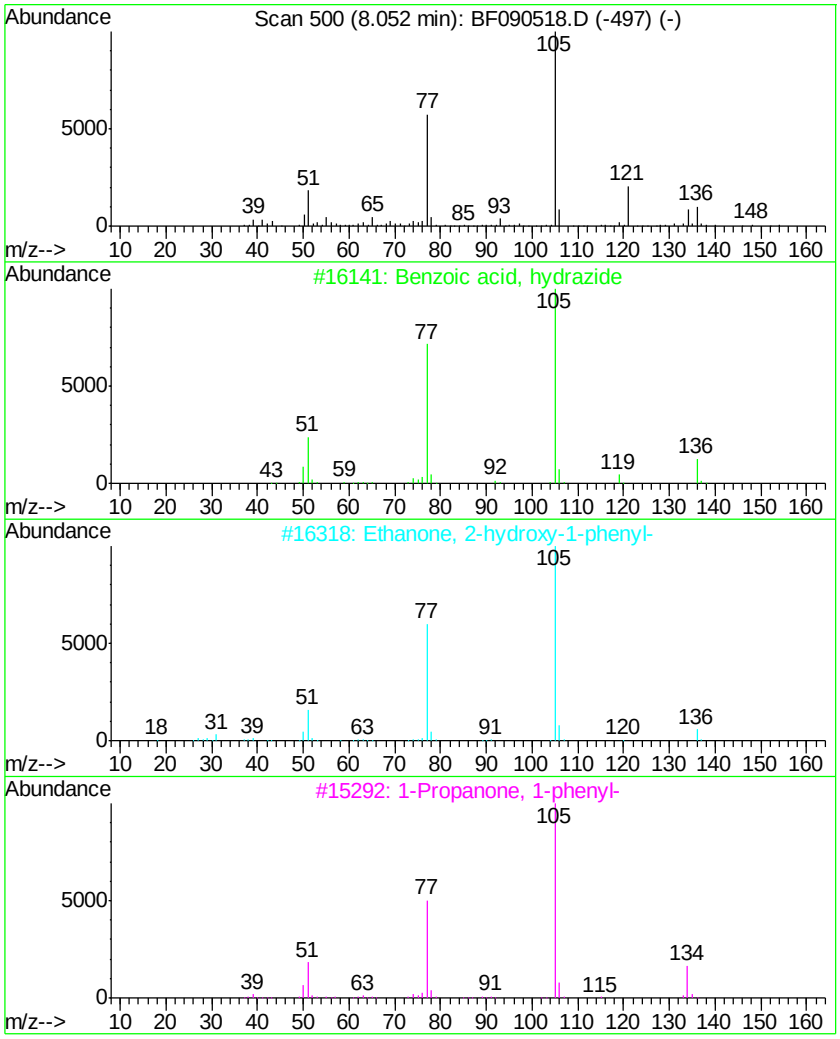
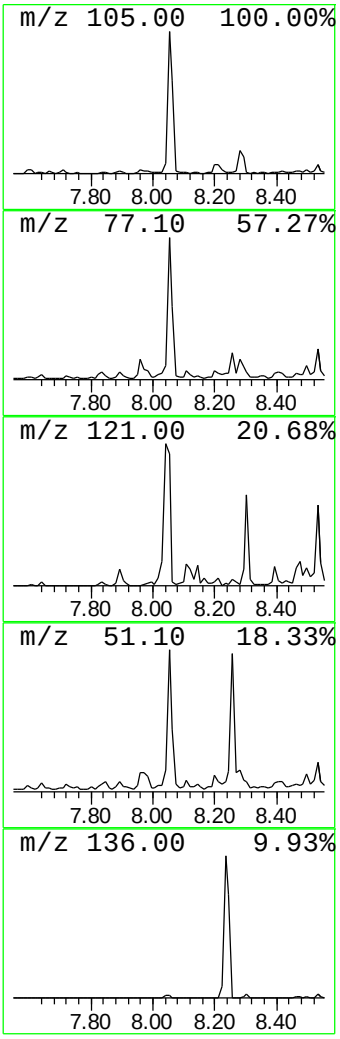
Peak Number 12 Benzoic acid, hydrazide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	6.29 ng	762466	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, hydrazide	136	C7H8N2O	000613-94-5	87
2	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	83
3	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	81
4	Benzoic acid, methyl ester	136	C8H8O2	000093-58-3	80
5	Vinyl benzoate	148	C9H8O2	000769-78-8	62





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Sample : H5146-06
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ClientSampleId : S8-0616

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

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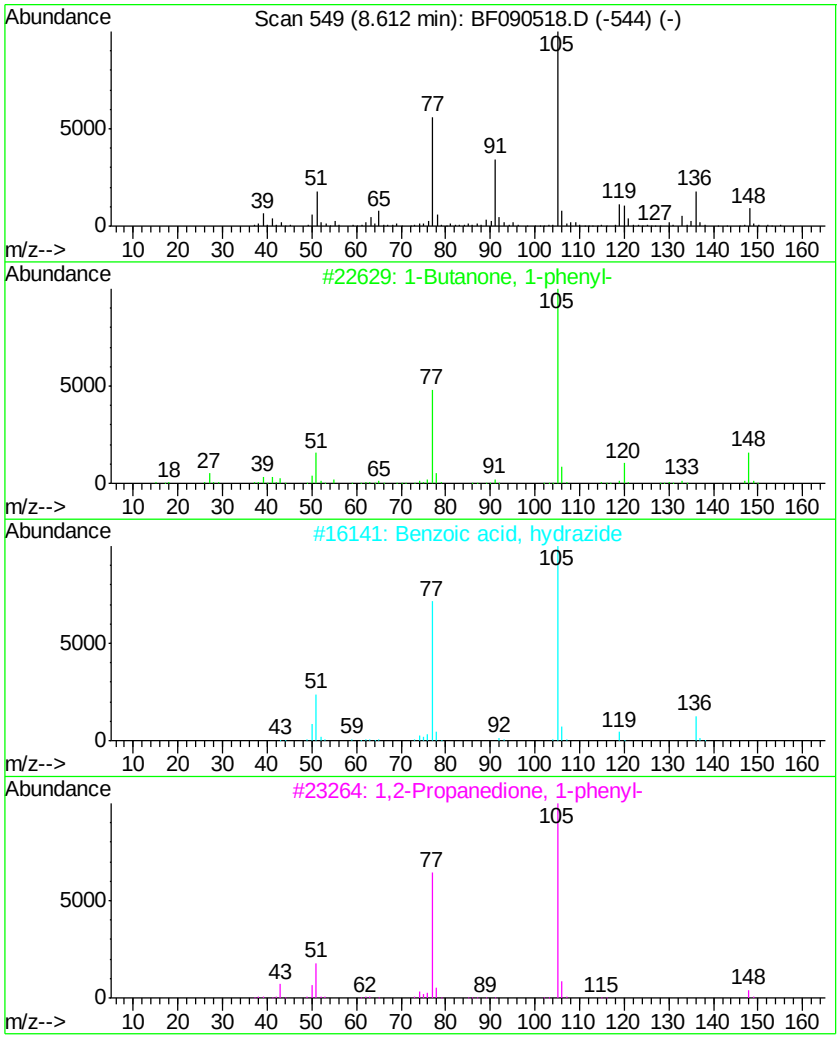
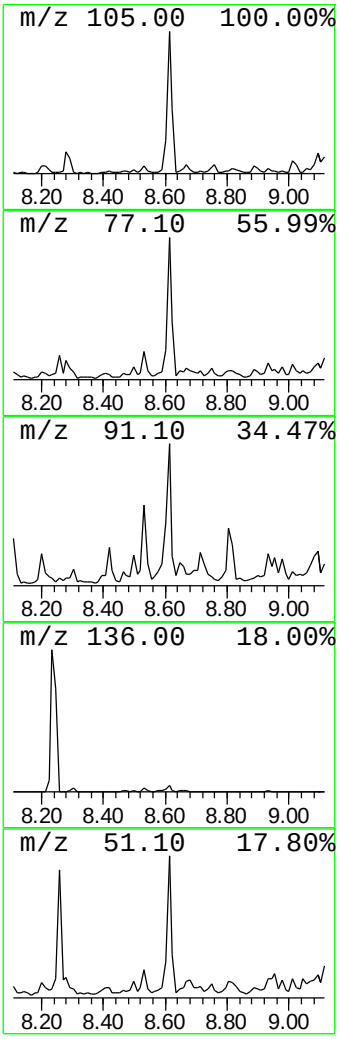
Peak Number 13 1-Butanone, 1-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	8.60 ng	1042480	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	64
2	Benzoic acid, hydrazide	136	C7H8N2O	000613-94-5	64
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	53
4	Benzoic acid, methyl ester	136	C8H8O2	000093-58-3	50
5	Benzamide, N-ethyl-	149	C9H11NO	000614-17-5	47





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Instrument : BNA_F
ClientSampleId : S8-0616

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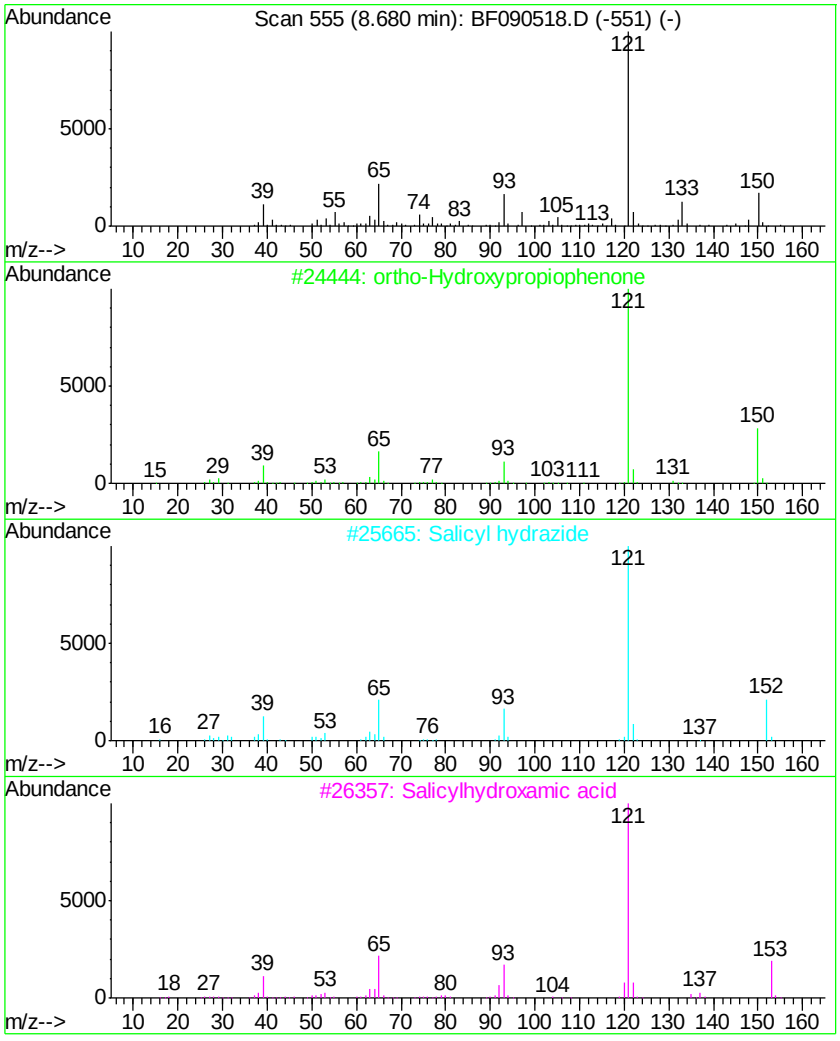
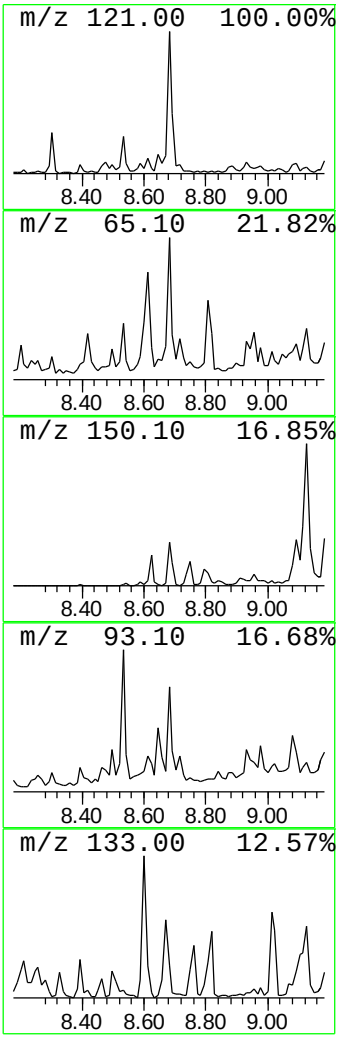
Peak Number 14 ortho-Hydroxypropiophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	3.77 ng	457244	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ortho-Hydroxypropiophenone	150	C9H10O2	000610-99-1	87
2	Salicyl hydrazide	152	C7H8N2O2	000936-02-7	59
3	Salicylhydroxamic acid	153	C7H7NO3	000089-73-6	59
4	3,5-Bis(4-hydroxybenzoyl)-1,2,4-...	326	C16H10N2O6	1000326-36-5	59
5	(p-Hydroxyphenyl)glyoxal	150	C8H6O3	024645-80-5	59





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Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

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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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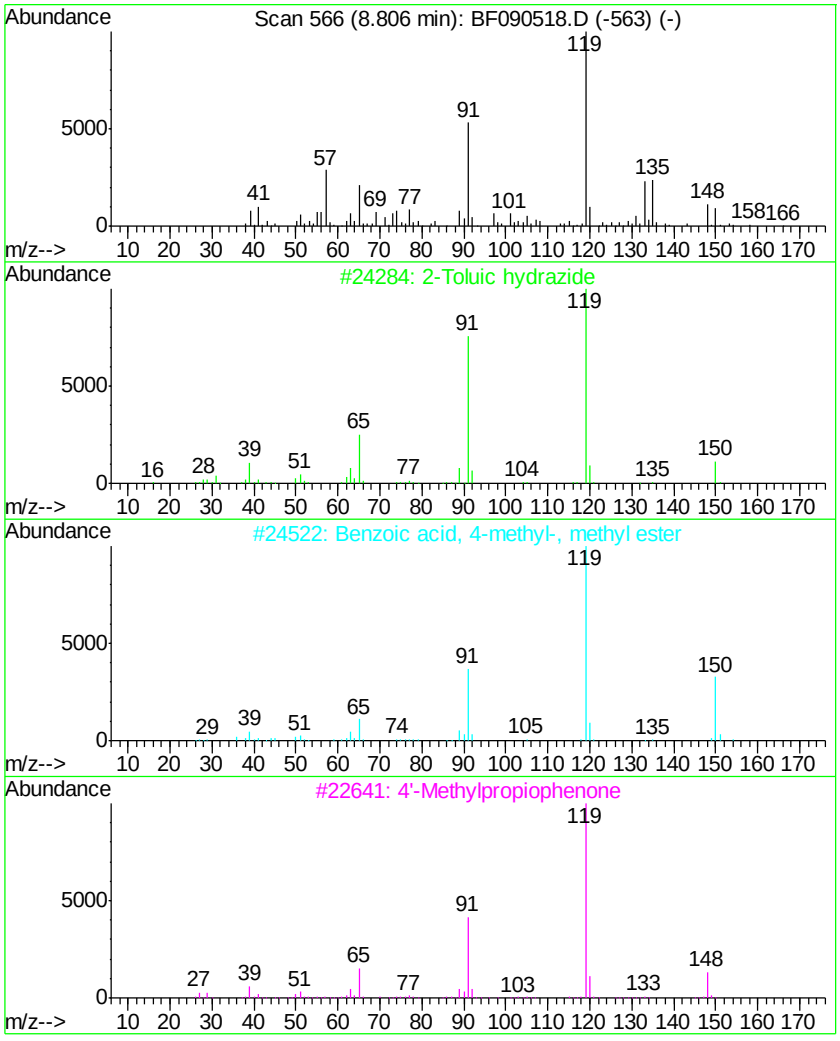
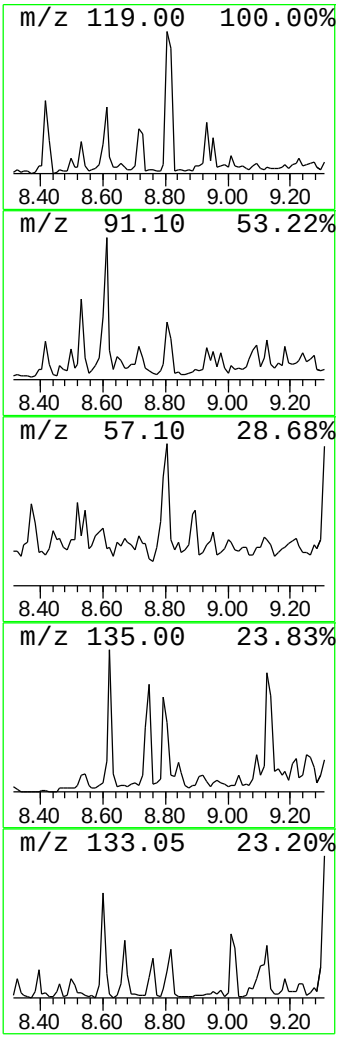
Peak Number 15 2-Toluic hydrazide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	3.65 ng	443003	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Toluic hydrazide	150	C8H10N2O	007658-80-2	91
2	Benzoic acid, 4-methyl-, methyl ...	150	C9H10O2	000099-75-2	91
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	91
4	2,5-Pyrrolidinone, 1-[(3-methylb...	233	C12H11NO4	110920-15-5	49
5	4-Methylbenzoic acid anhydride	254	C16H14O3	013222-85-0	49





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

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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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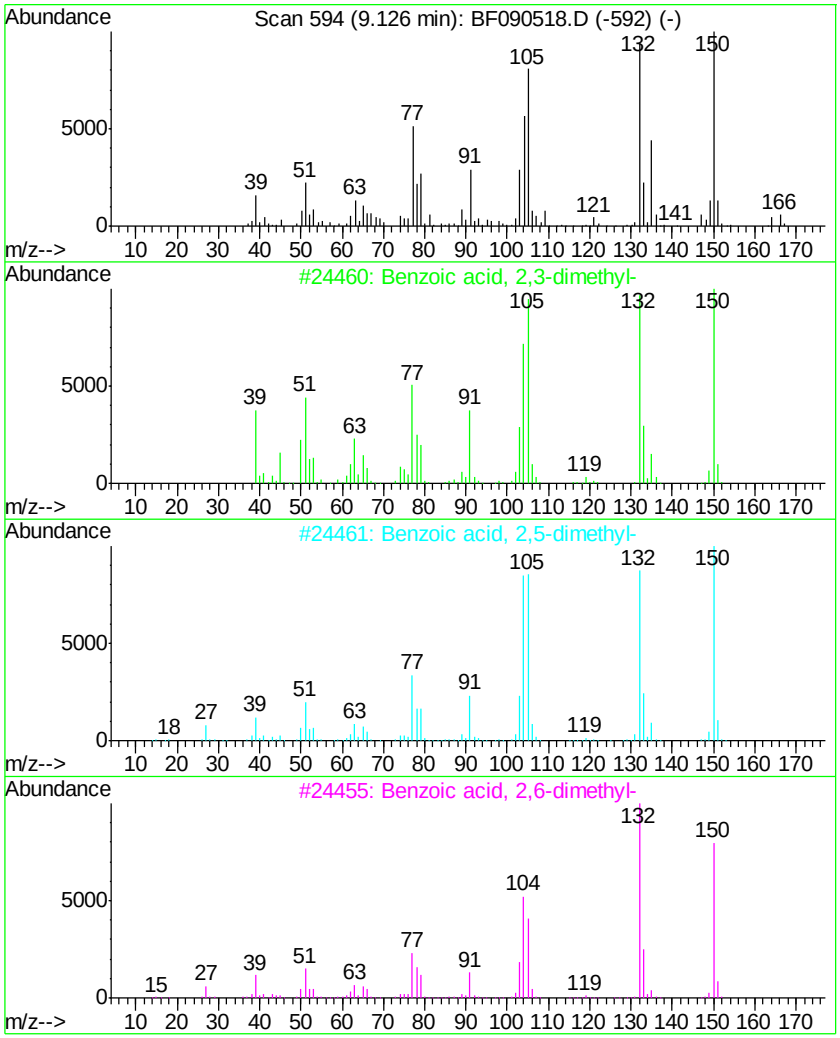
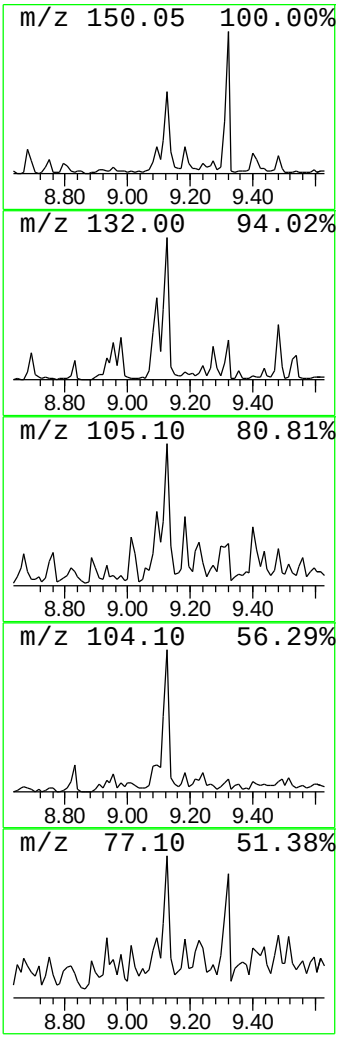
Peak Number 16 Benzoic acid, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	4.50 ng	465351	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	93
2	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	70
3	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	64
4	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	64
5	4-Ethylbenzoic acid	150	C9H10O2	000619-64-7	55





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Sample : H5146-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0616

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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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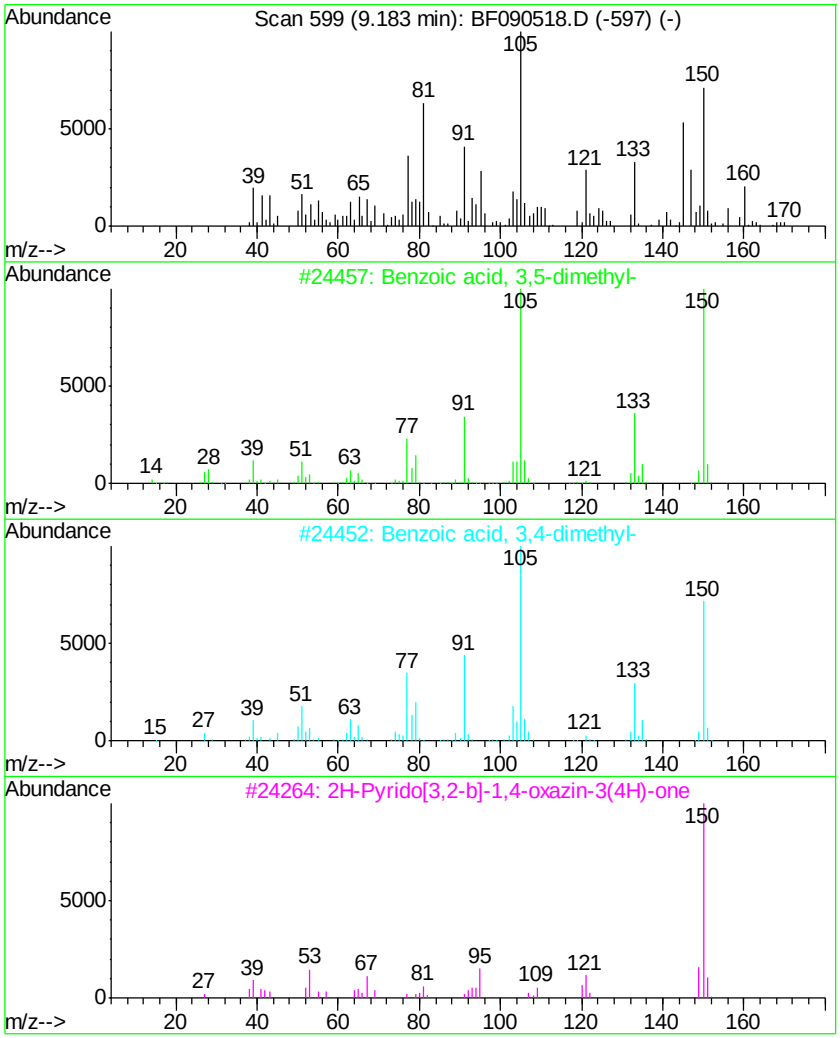
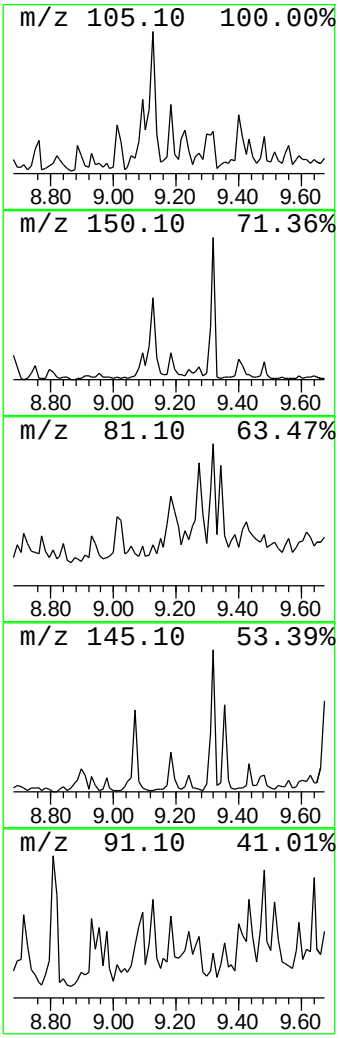
Peak Number 17 Benzoic acid, 3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	3.25 ng	336300	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	51
2	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	48
3	2H-Pyrido[3,2-b]-1,4-oxazin-3(4H...	150	C7H6N2O2	020348-09-8	38
4	2-Carbamoyl-3,5-dimethylpyridine	150	C8H10N2O	007584-15-8	35
5	4-Ethylbenzoic acid	150	C9H10O2	000619-64-7	25





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Instrument : BNA_F
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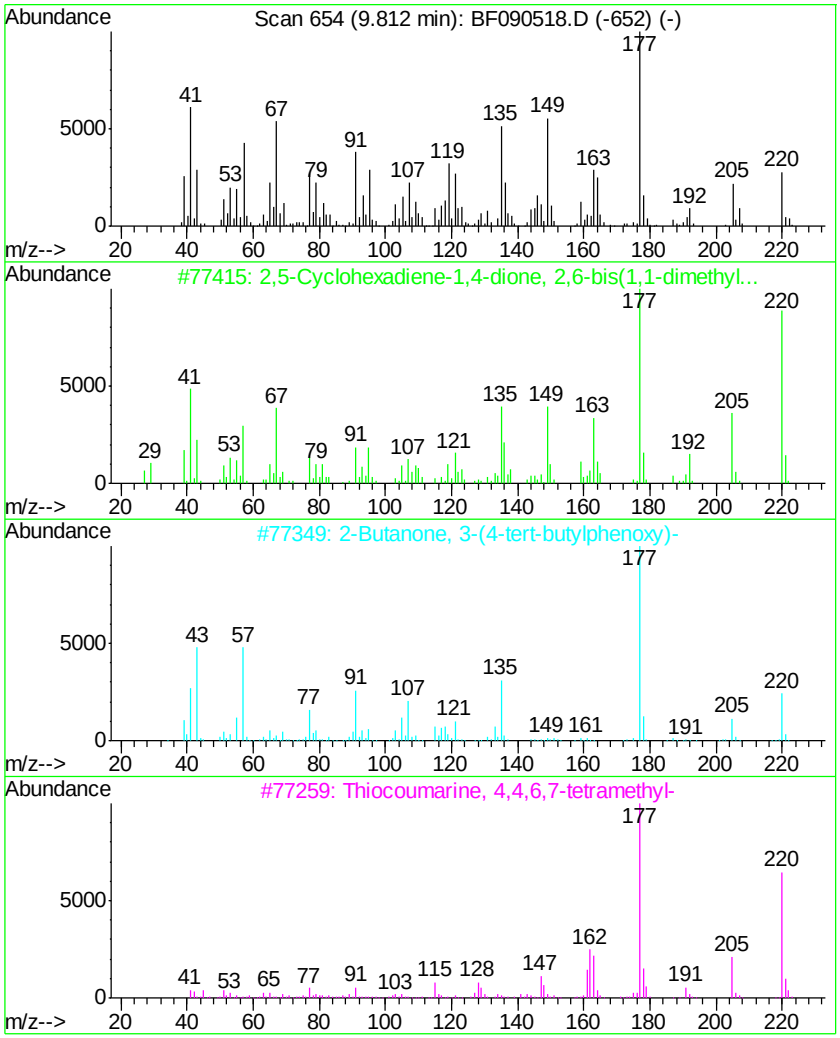
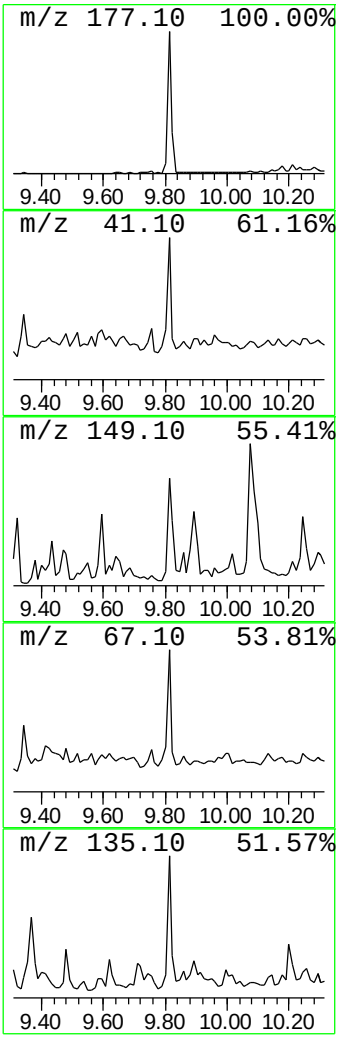
Peak Number 18 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	6.27 ng	647884	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
2	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	46
3	Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	45
4	N-Cyclohexylidene-2-carbamylcycl...	220	C13H20N2O	007149-51-1	38
5	1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	30





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Instrument : BNA_F
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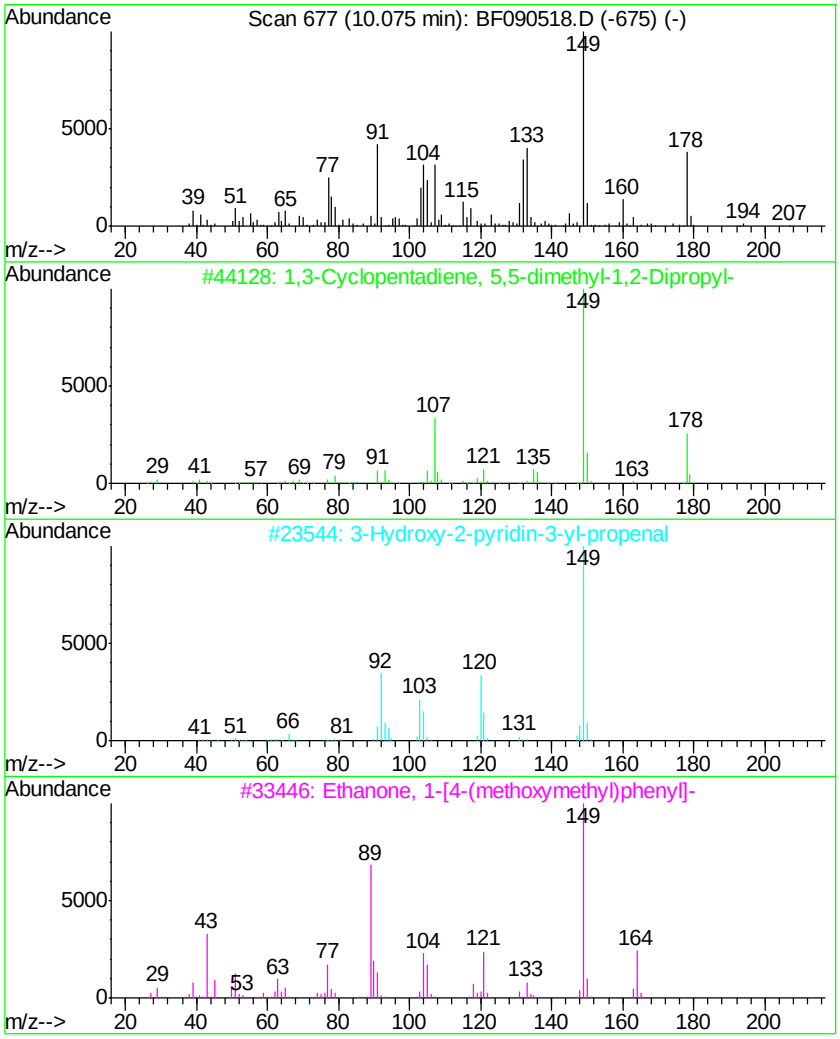
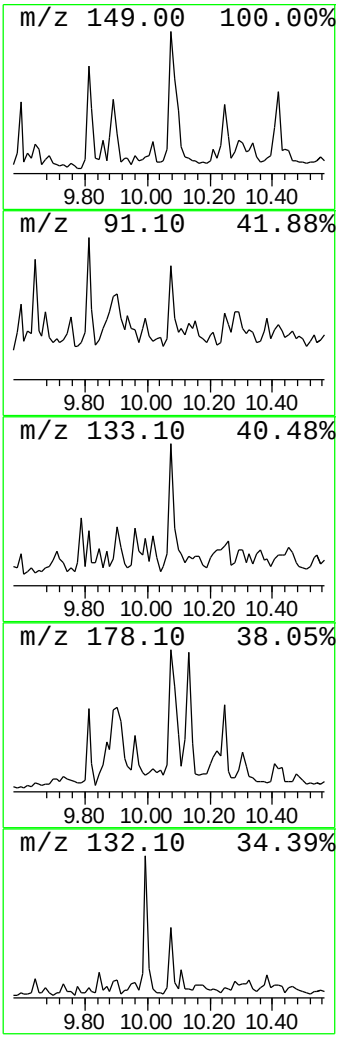
Peak Number 19 unknown10.07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	3.31 ng	342643	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	43
2	3-Hydroxy-2-pyridin-3-yl-propenal	149	C8H7NO2	1000311-61-6	35
3	Ethanone, 1-[4-(methoxymethyl)ph...	164	C10H12O2	022072-50-0	35
4	2-Hydroxy-1-isoindolinone	149	C8H7NO2	1000289-12-0	35
5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	35





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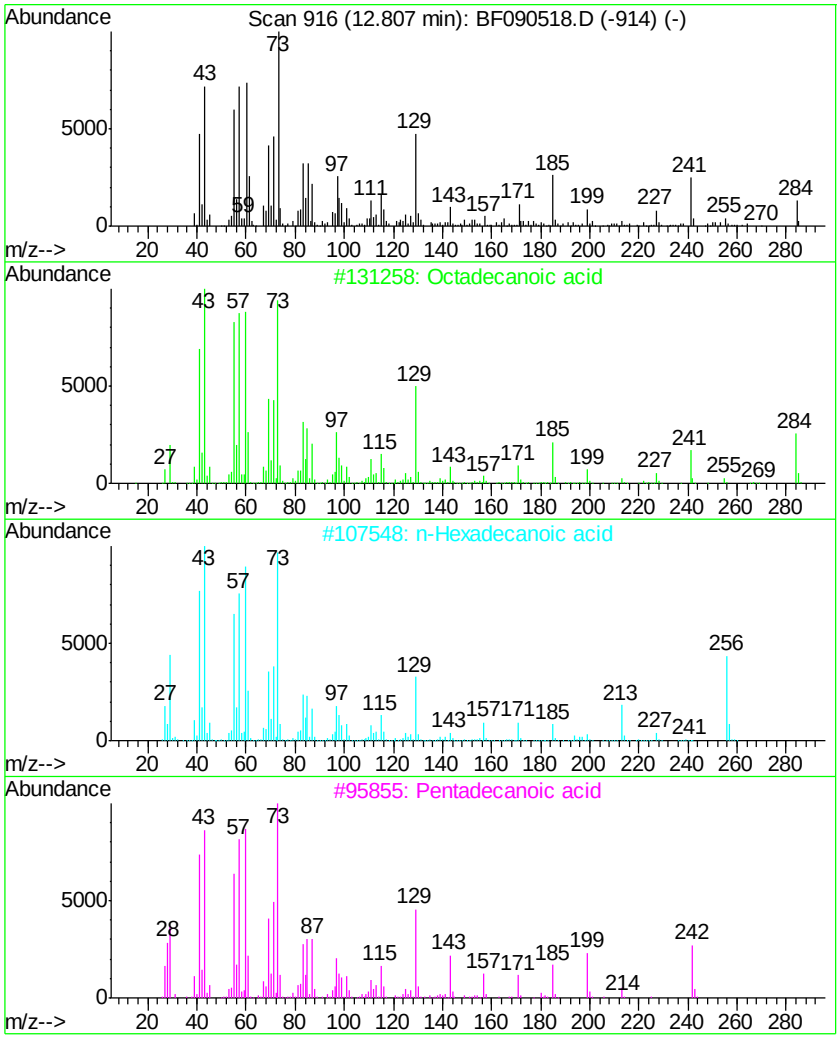
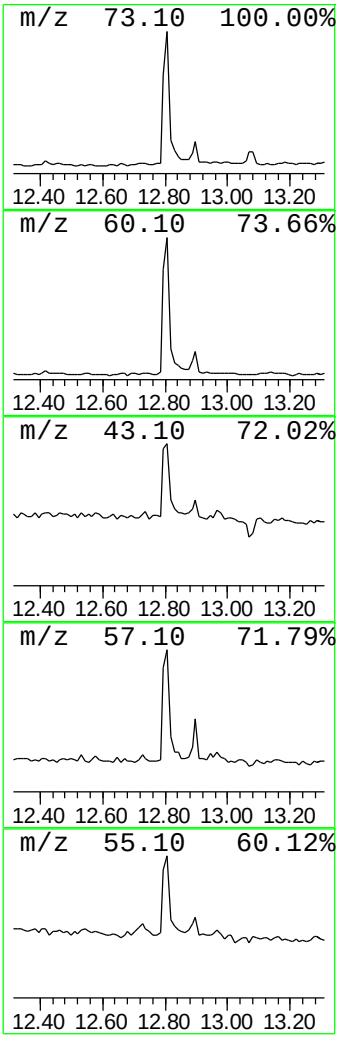
Peak Number 20 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	3.63 ng	339241	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Tentatively Identified Compound (LSC) summary

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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...	5.15	8.2	ng	587551	1	6.95	1437590	20.0
Benzene, (1-methy...	6.12	4.6	ng	329028	1	6.95	1437590	20.0
Benzene, propyl-	6.41	4.0	ng	285479	1	6.95	1437590	20.0
unknown6.73	6.73	71.8	ng	5160100	1	6.95	1437590	20.0
Benzene, 1,2,3-tr...	6.77	4.7	ng	335239	1	6.95	1437590	20.0
unknown7.17	7.17	4.0	ng	290236	1	6.95	1437590	20.0
Benzene, 1,2-diet...	7.30	3.5	ng	252868	1	6.95	1437590	20.0
o-Cymene	7.98	4.5	ng	548824	2	8.23	2425030	20.0
Benzoic acid, hyd...	8.05	6.3	ng	762466	2	8.23	2425030	20.0
1-Butanone, 1-phe...	8.61	8.6	ng	1042480	2	8.23	2425030	20.0
ortho-Hydroxyprop...	8.68	3.8	ng	457244	2	8.23	2425030	20.0
2-Toluic hydrazide	8.81	3.6	ng	443003	2	8.23	2425030	20.0
Benzoic acid, 2,3...	9.13	4.5	ng	465351	3	9.99	2067880	20.0
Benzoic acid, 3,5...	9.18	3.3	ng	336300	3	9.99	2067880	20.0
2,5-Cyclohexadien...	9.81	6.3	ng	647884	3	9.99	2067880	20.0
unknown10.07	10.07	3.3	ng	342643	3	9.99	2067880	20.0
Octadecanoic acid	12.81	3.6	ng	339241	5	14.13	1868020	20.0