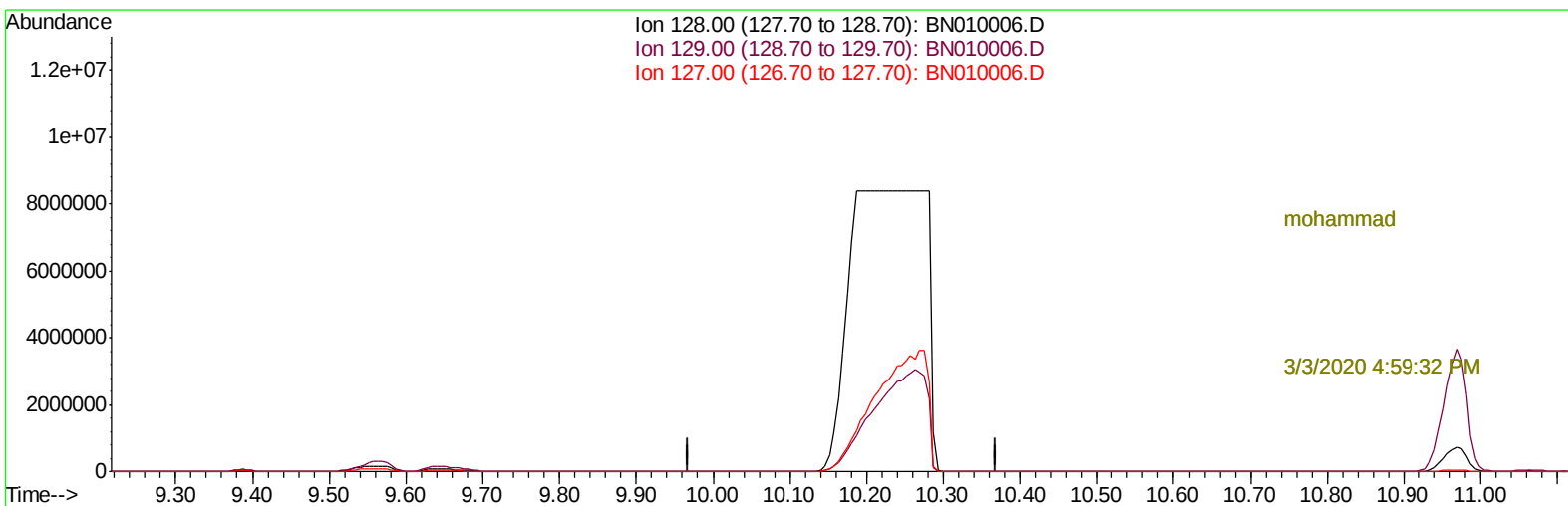


Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010006.D
Acq On : 29 Feb 2020 03:55
Operator : CG/JU
Sample : L1507-17RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R3RX

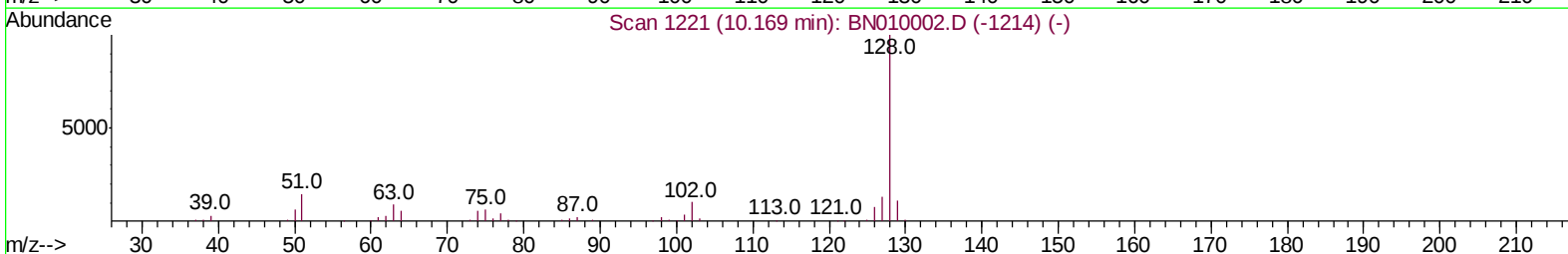
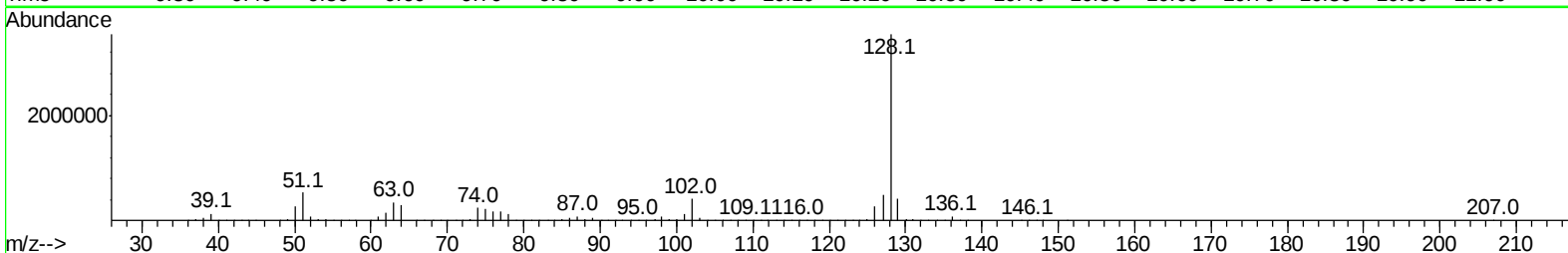
Manual Integrations
APPROVED

Quant Time: Mar 02 07:33:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



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TIC: BN010006.D

(28) Naphthalene

10.169min (-10.169) 0.00ng/ul

response 0

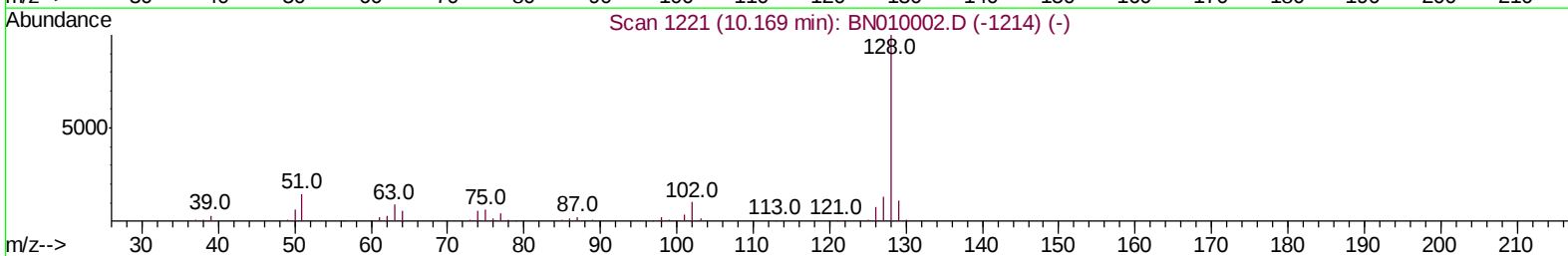
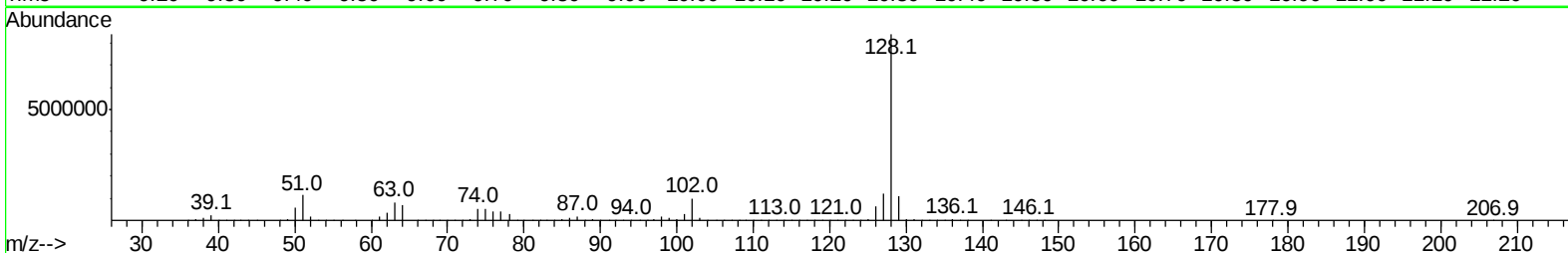
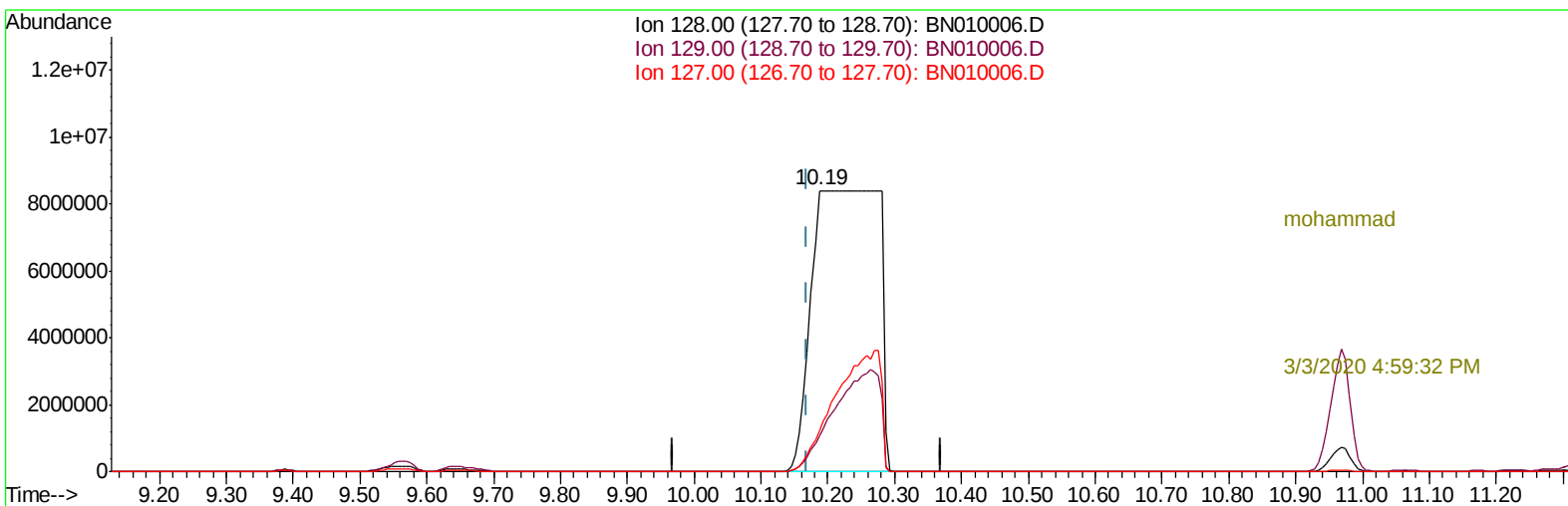
Ion	Exp%	Act%
128.00	100	0.00
129.00	10.80	0.00#
127.00	12.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010006.D
Acq On : 29 Feb 2020 03:55
Operator : CG/JU
Sample : L1507-17RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R3RX

Manual Integrations
APPROVED

Quant Time: Mar 02 07:33:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010006.D

(28) Naphthalene

10.187min (+0.018) 2673.69ng/ul m

response 57731682

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	12.74
127.00	12.90	14.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010006.D
 Acq On : 29 Feb 2020 03:55
 Operator : CG/JU
 Sample : L1507-17RX
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

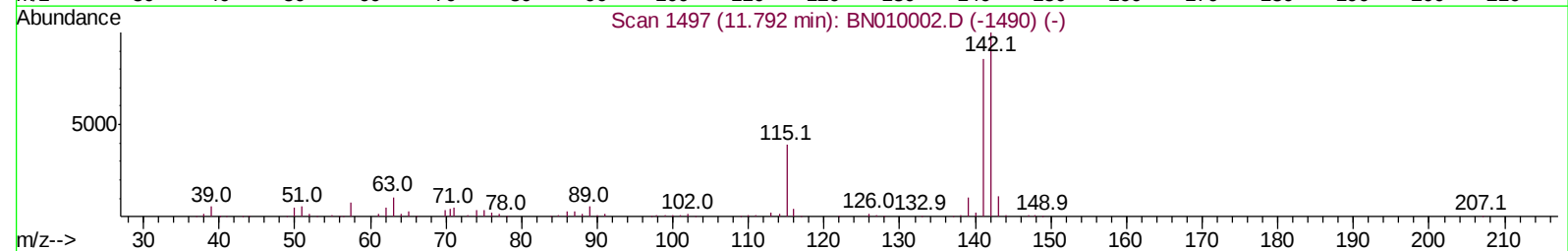
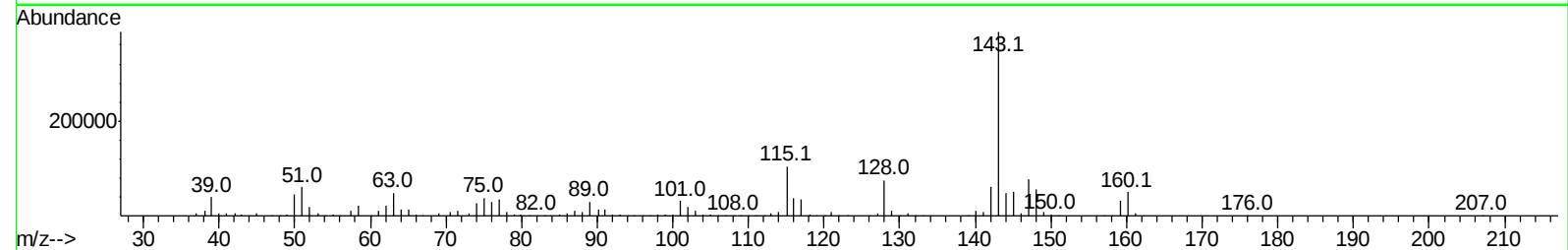
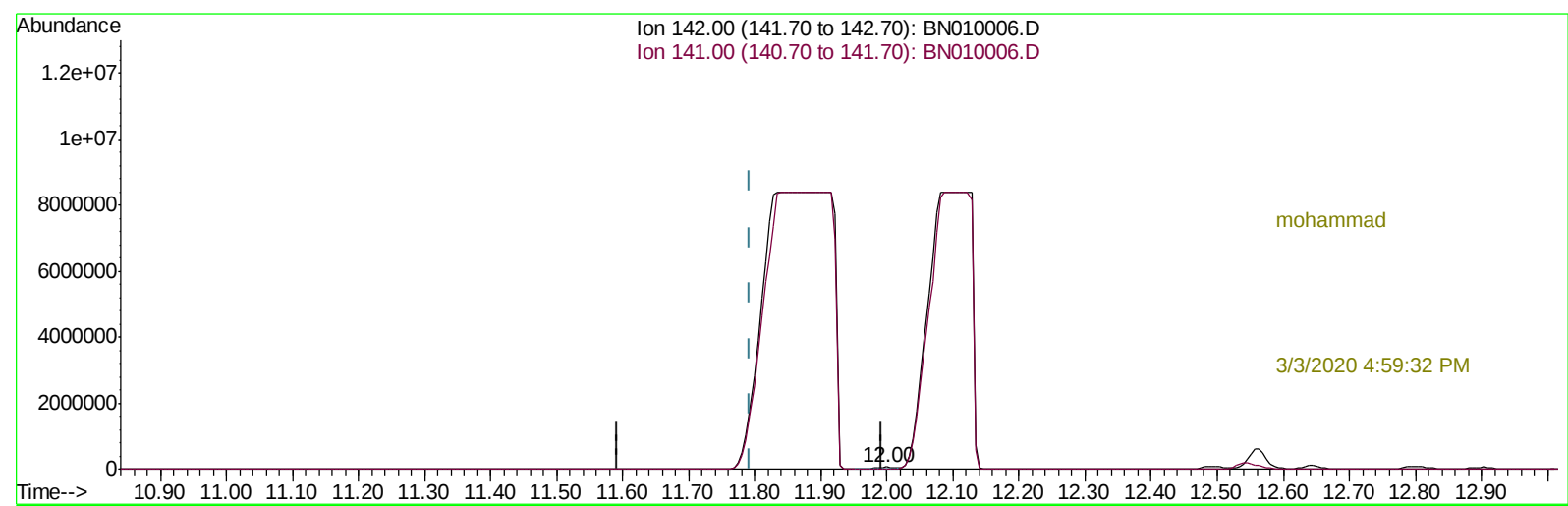
Instrument :
 BNA_N
 ClientSampleId :
 CB5R3RX

Manual Integrations
 APPROVED

Quant Time: Mar 02 07:33:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
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TIC: BN010006.D

(34) 2-Methylnaphthalene

11.998min (+0.206) 7.44ng/ul

response 111505

Ion	Exp%	Act%
142.00	100	100
141.00	90.10	13.35#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010006.D
Acq On : 29 Feb 2020 03:55
Operator : CG/JU
Sample : L1507-17RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

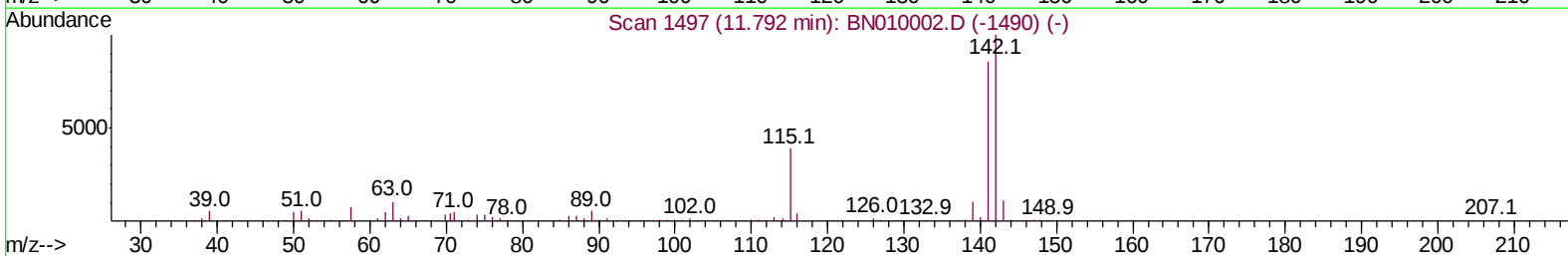
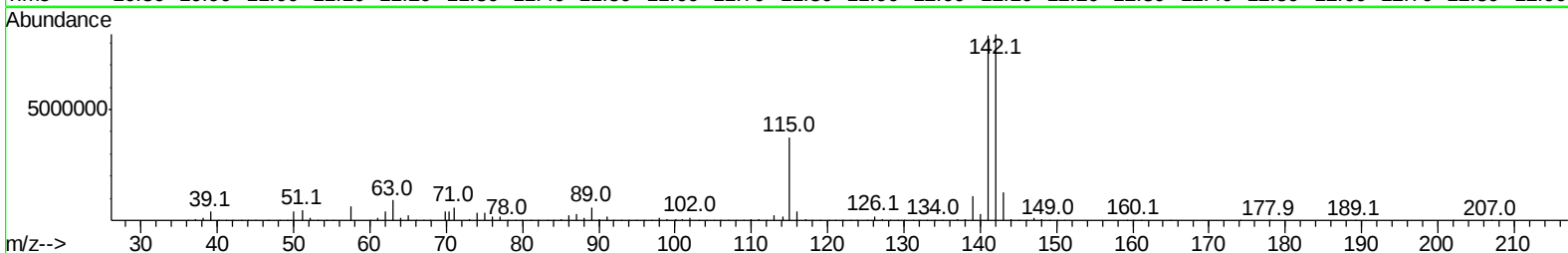
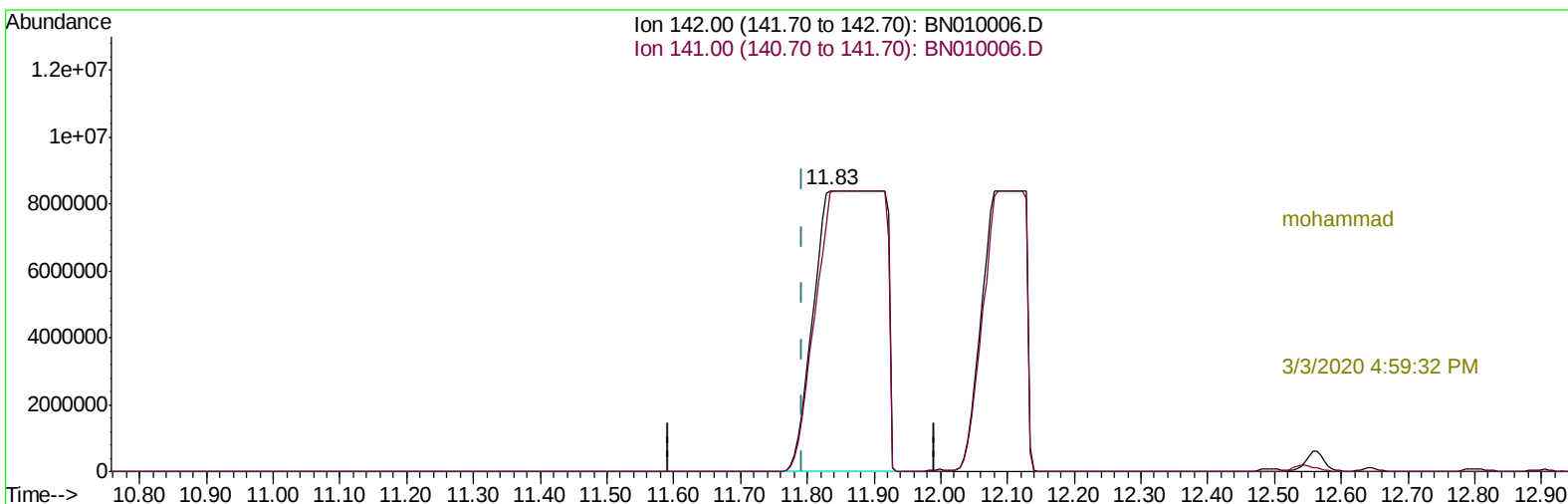
Instrument :
BNA_N
ClientSampleId :
CB5R3RX

Manual Integrations
APPROVED

Quant Time: Mar 02 07:33:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
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TIC: BN010006.D

(34) 2-Methylnaphthalene

11.834min (+0.041) 4031.30ng/ul m

response 60441981

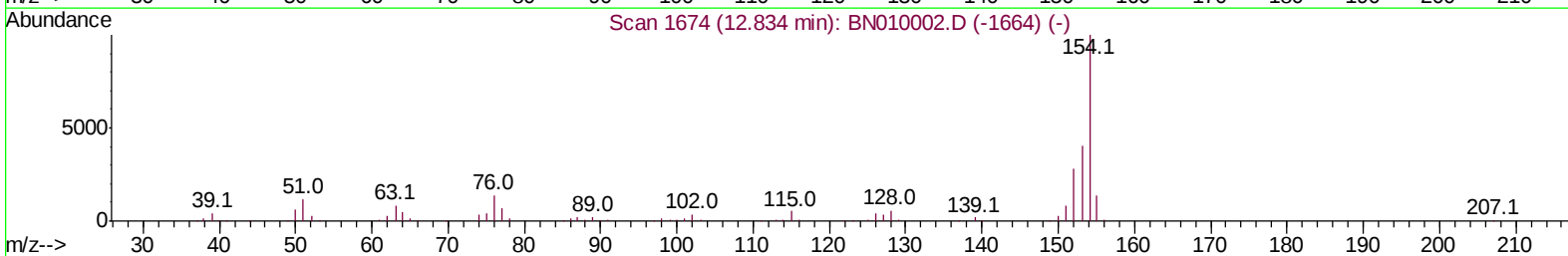
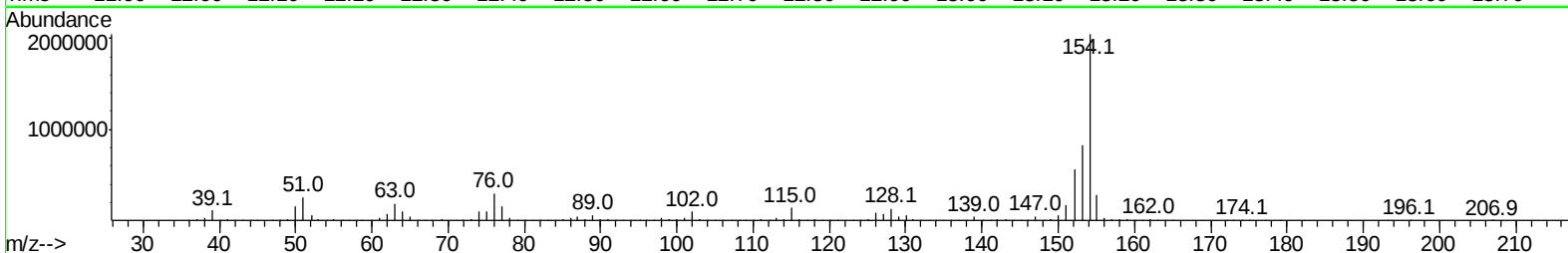
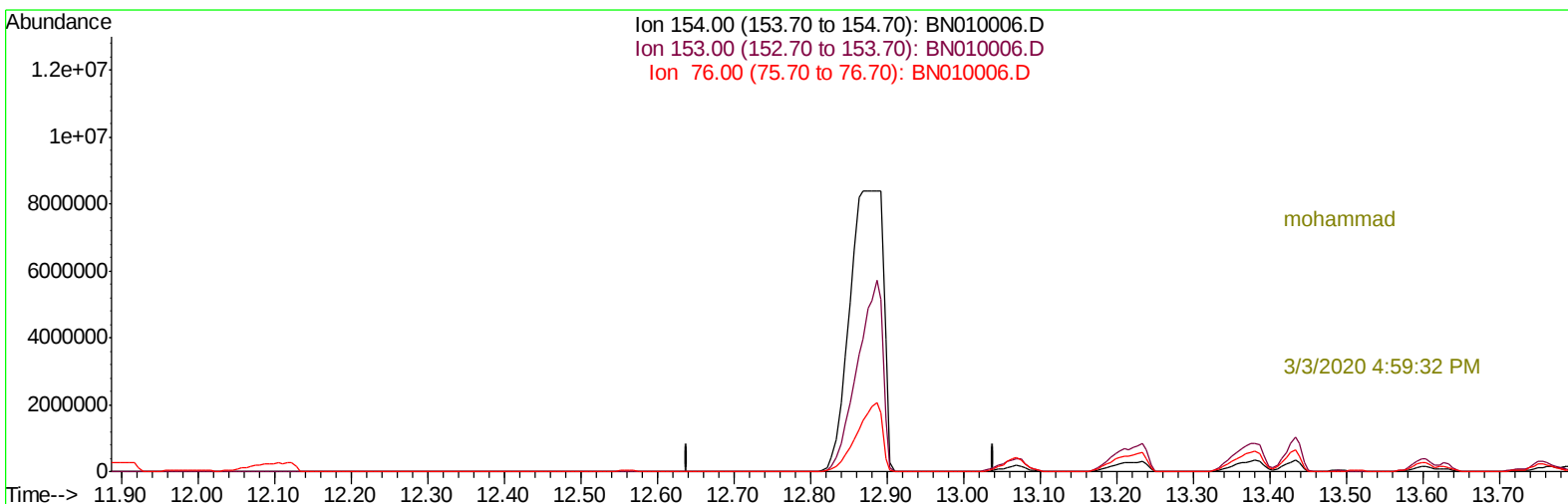
Ion	Exp%	Act%
142.00	100	100
141.00	90.10	99.63
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
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Acq On : 29 Feb 2020 03:55
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Sample : L1507-17RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R3RX

Manual Integrations
APPROVED

Quant Time: Mar 02 07:33:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
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QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010006.D

(41) 1,1'-Biphenyl

12.840min (-12.840) 0.00ng/ul

response 0

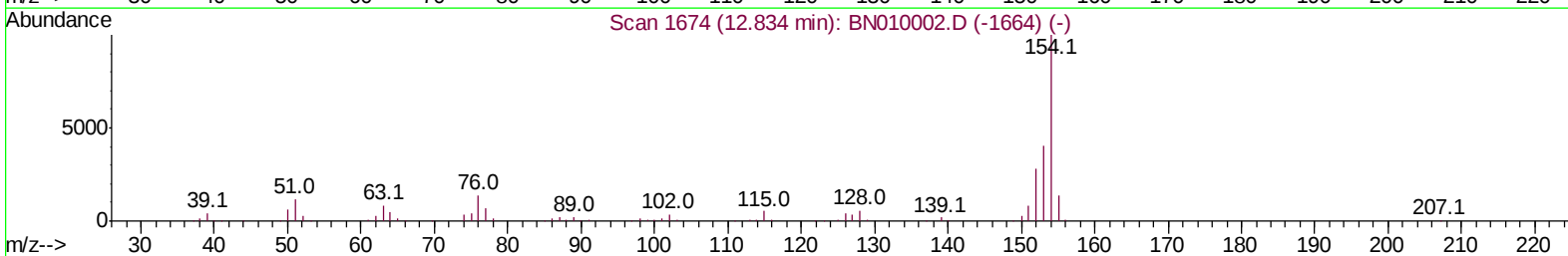
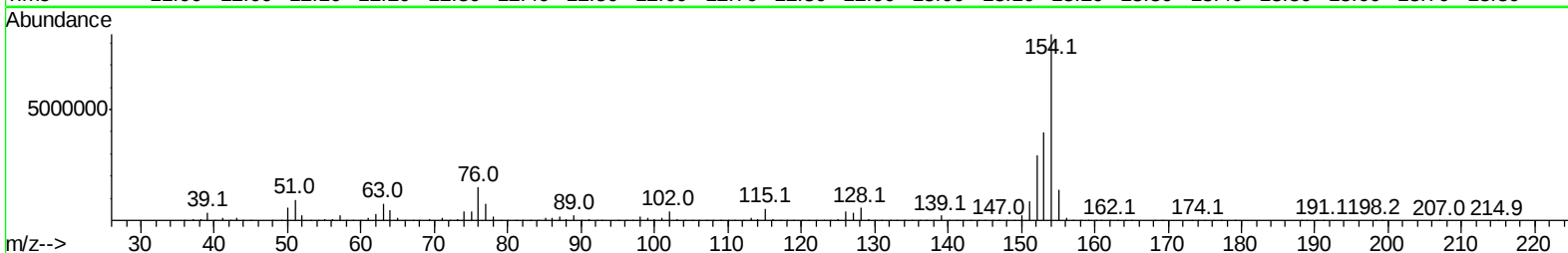
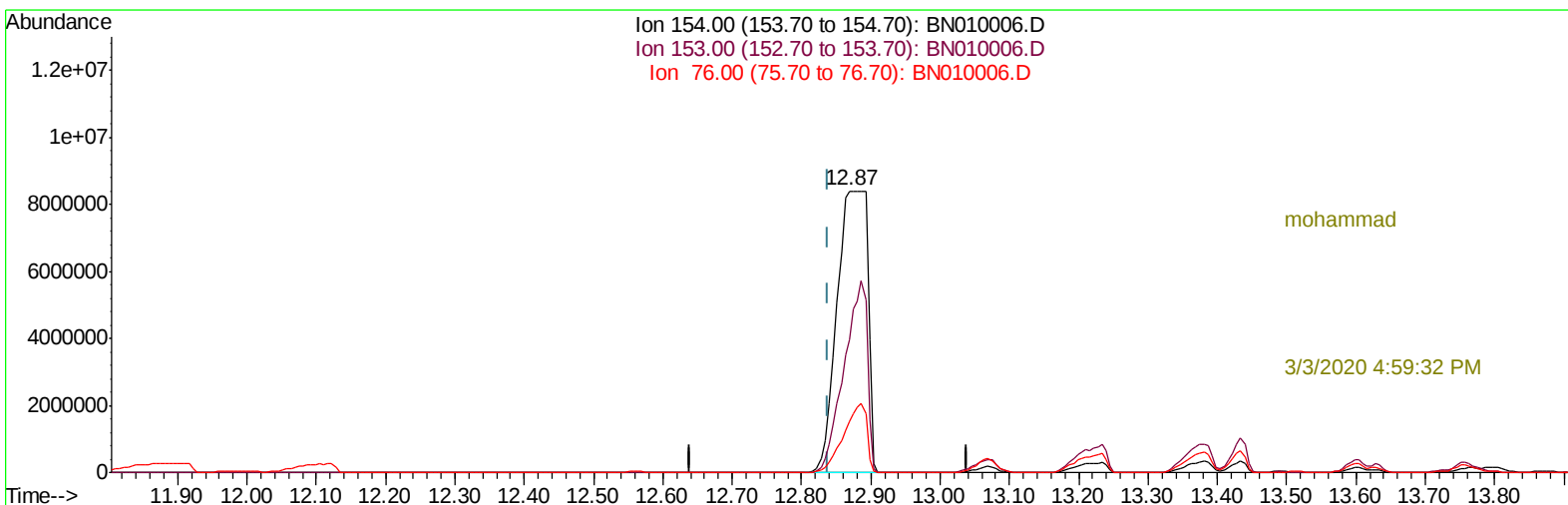
Ion	Exp%	Act%
154.00	100	0.00
153.00	41.50	0.00#
76.00	13.70	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010006.D
Acq On : 29 Feb 2020 03:55
Operator : CG/JU
Sample : L1507-17RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R3RX

Manual Integrations
APPROVED

Quant Time: Mar 02 07:33:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010006.D

(41) 1,1'-Biphenyl

12.869min (+0.029) 4530.31ng/ul m

response 25785323

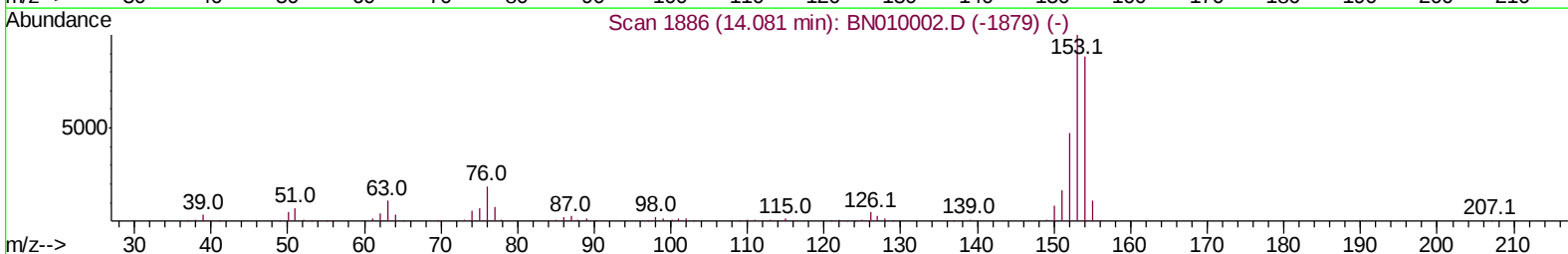
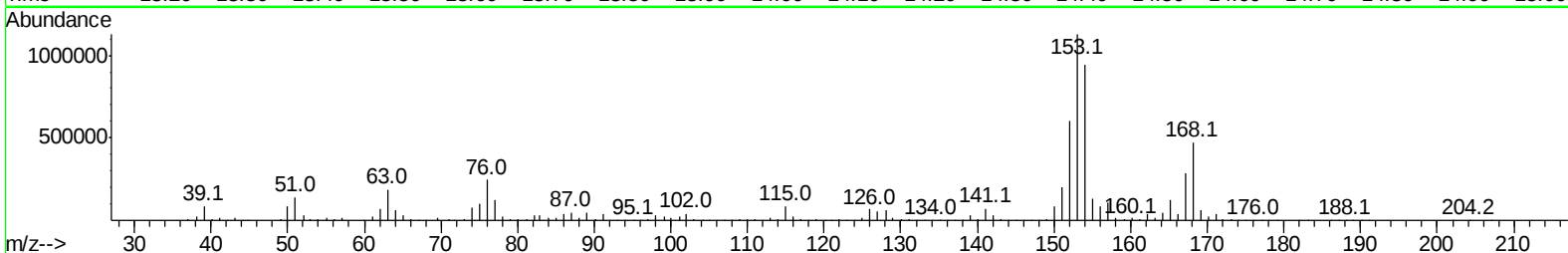
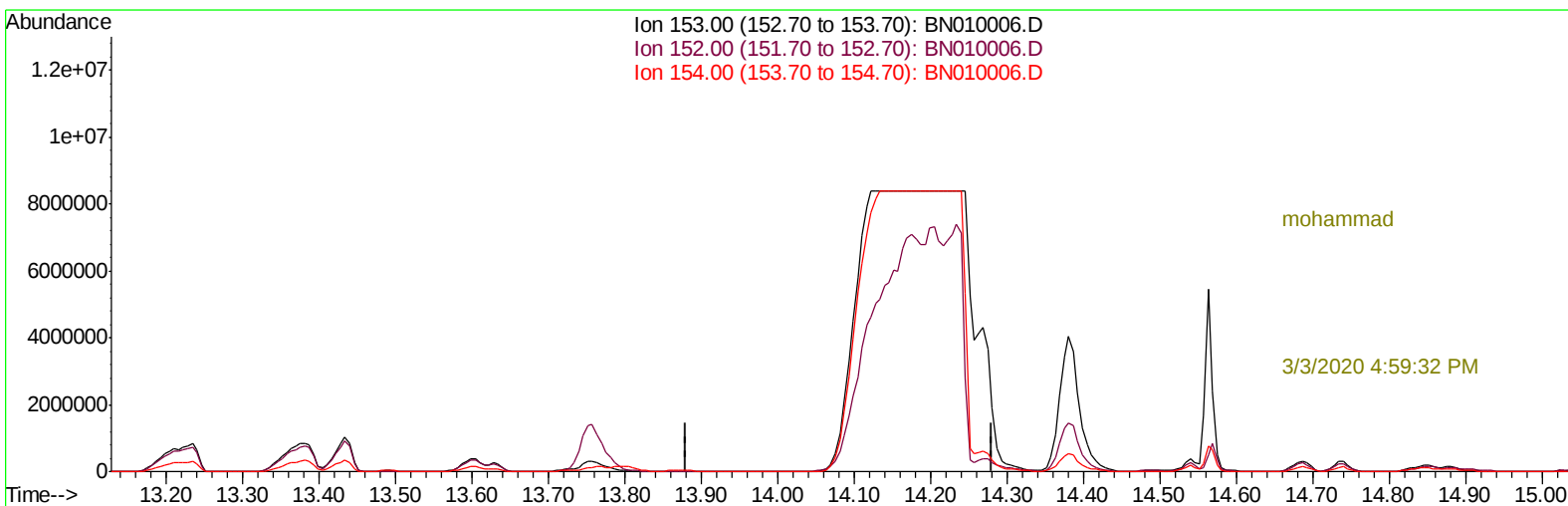
Ion	Exp%	Act%
154.00	100	100
153.00	41.50	47.51
76.00	13.70	18.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010006.D
Acq On : 29 Feb 2020 03:55
Operator : CG/JU
Sample : L1507-17RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R3RX

Manual Integrations
APPROVED

Quant Time: Mar 02 07:36:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010006.D

(50) Acenaphthene (C)

14.081min (-14.081) 0.00ng/ul

response 0

Ion	Exp%	Act%
153.00	100	0.00
152.00	45.70	0.00#
154.00	88.30	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010006.D
 Acq On : 29 Feb 2020 03:55
 Operator : CG/JU
 Sample : L1507-17RX
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5R3RX

Manual Integrations
 APPROVED

Quant Time: Mar 02 07:41:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 02 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	92806	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	400414	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.05	164	74106	20.00	ng/ul	0.03
62) Phenanthrene-d10	16.80	188	32724	20.00	ng/ul	0.03
78) Chrysene-d12	21.02	240	19418	20.00	ng/ul	0.02
86) Perylene-d12	23.06	264	720229	20.00	ng/ul	-0.04

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	6991	3.10	ng/uL	0.00
5) Phenol-d5	6.58	99	174184	22.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	131774	24.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	139544	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	150473	23.96	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	99572	33.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	81691	25.49	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.82	165	152795	24.80	ng/ul	0.05
29) 4-Chloroaniline-d4	10.28	131	211499	30.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	481563	87.00	ng/ul	0.07
47) Acenaphthylene-d8	13.72	160	617908	94.78	ng/ul	0.02
52) 4-Nitrophenol-d4	14.28	143	24299	24.04	ng/ul	0.02
58) Fluorene-d10	15.06	176	194483	40.69	ng/ul	0.04
63) 4,6-Dinitro-2-methylphenol	15.20	200	927	4.56	ng/ul	0.02
71) Anthracene-d10	16.97	188	11651	7.77	ng/ul	0.09
79) Pyrene-d10	19.17	212	21971	21.65	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.06	264	712649	19.81	ng/ul	0.09

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Target Compounds

					Ovalue
4) Benzaldehyde	6.55	77	23956	4.563	ng/ul# 1
6) Phenol	6.60	94	23050	2.725	ng/ul# 11
14) Acetophenone	8.20	105	23538	2.300	ng/ul# 73
15) N-Nitroso-di-n-propylamine	8.10	70	5658	1.058	ng/ul# 1
17) Hexachloroethane	8.39	117	18619	6.538	ng/ul# 9
30) 4-Chloroaniline	10.26	127	11698628	1650.418	ng/ul# 2
32) Caprolactam	11.17	113	8057	3.865	ng/ul# 80
34) 2-Methylnaphthalene	12.00	142	111505	7.437	ng/ul# 19
35) 1-Methylnaphthalene	12.00	142	111505	7.420	ng/uL# 1
43) 2-Nitroaniline	13.07	65	260126	157.363	ng/ul# 39
45) Dimethylphthalate	13.48	163	6156	1.066	ng/ul# 52
48) Acenaphthylene	13.76	152	3033210	429.872	ng/ul# 89
49) 3-Nitroaniline	13.99	138	1412	1.353	ng/ul# 76
54) Dibenzofuran	14.47	168	3736124	550.292	ng/ul# 83
55) 2,4-Dinitrotoluene	14.49	165	167633	100.033	ng/ul# 1
59) Fluorene	15.25	166	365556	64.157	ng/ul# 1
61) 4-Nitroaniline	15.19	138	932857	732.806	ng/ul# 14
64) 4,6-Dinitro-2-methylphenol	15.23	198	639	2.918	ng/ul# 1
65) N-Nitrosodiphenylamine	15.32	169	1339435	1379.526	ng/ul# 1
68) Atrazine	16.28	200	524	1.423	ng/ul# 1
70) Phenanthrene	16.72	178	11976	6.413	ng/ul# 1
75) Carbazole	17.16	167	33251	19.777	ng/ul# 1
76) Di-n-butylphthalate	17.79	149	107173	51.646	ng/ul# 1

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Instrument :
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Manual Integrations
 APPROVED

Quant Time: Mar 02 07:41:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 02 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

77) Fluoranthene	18.82	202	211283	96.583	ng/ul#	38
80) Pyrene	19.23	202	169005	120.722	ng/ul#	83
81) Butylbenzylphthalate	20.18	149	4963	8.624	ng/ul#	53
82) 3,3'-Dichlorobenzidine	20.95	252	3023	7.140	ng/ul#	1
83) Benzo(a)anthracene	20.99	228	164333	123.149	ng/ul#	25
84) Bis(2-ethylhexyl)phthalate	20.96	149	15833	18.020	ng/ul#	16 mohammad
85) Chrysene	20.99	228	164333	125.090	ng/ul#	27
88) Benzo(b)fluoranthene	22.31	252	600822	12.866	ng/ul#	1
91) Benzo(a)pyrene	23.12	252	3069015	73.073	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.04	276	201550	4.042	ng/ul#	79
93) Dibenzo(a,h)anthracene	25.23	278	3260409	76.433	ng/ul	92 3/3/2020 4:59:32 PM
94) Benzo(a,h,i)perylene	25.87	276	8149411	194.910	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

