

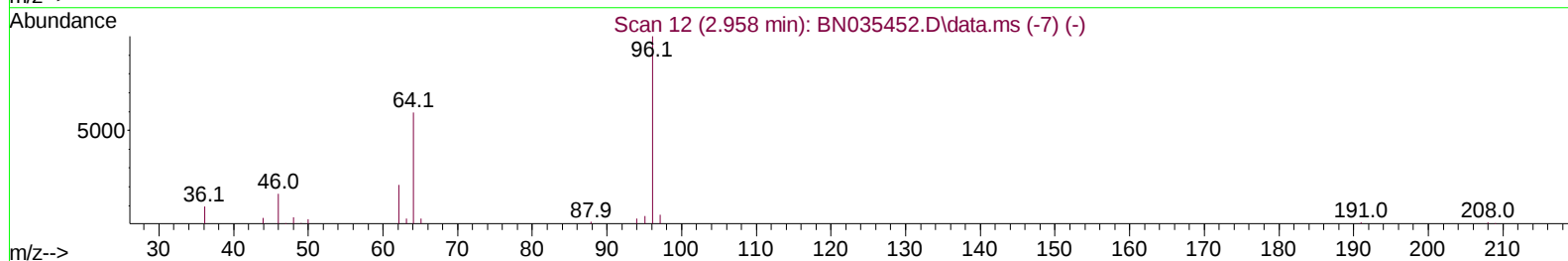
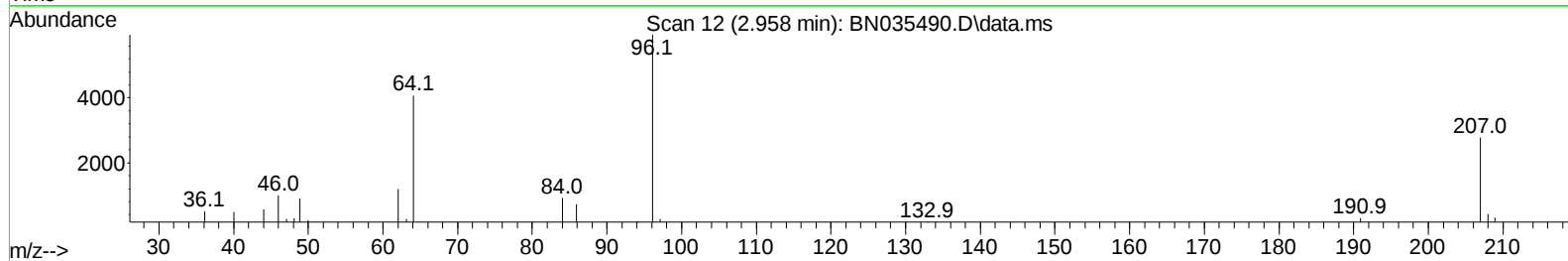
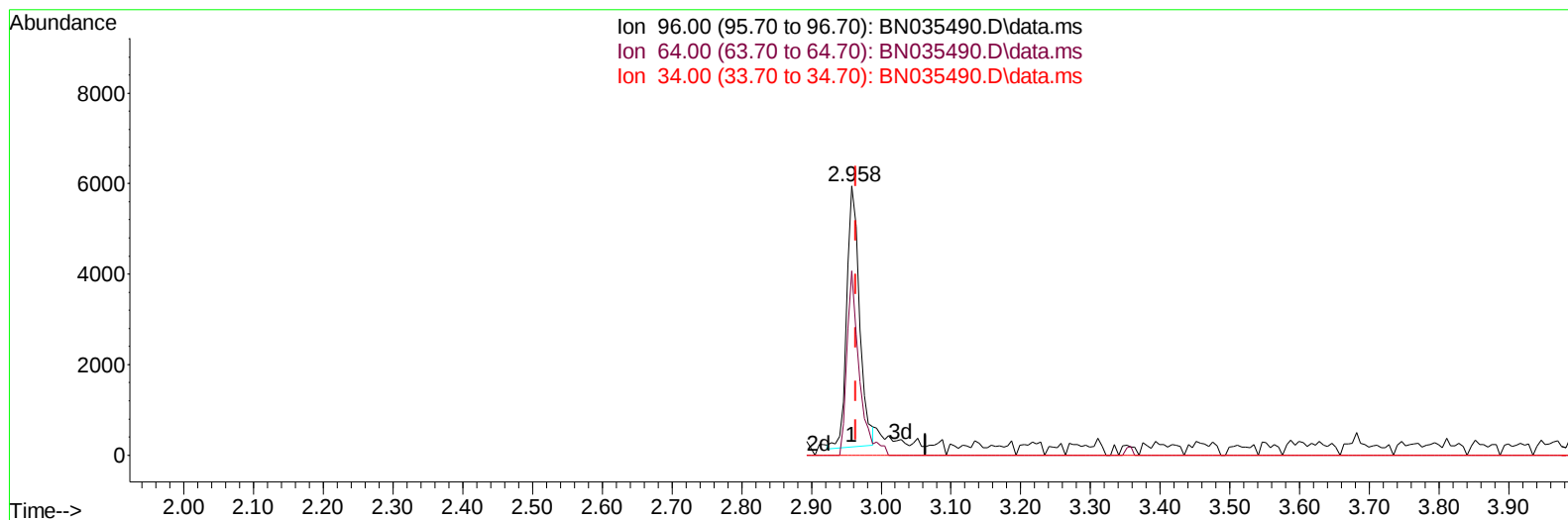
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035490.D
Acq On : 07 Dec 2024 15:03
Operator : RC/JU
Sample : P5114-06MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1PK0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 09 00:20:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration



TIC: BN035490.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.958min (-0.006) 3.66 ng/uL

response 7323

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.30	68.42
34.00	0.00	0.00
0.00	0.00	0.00

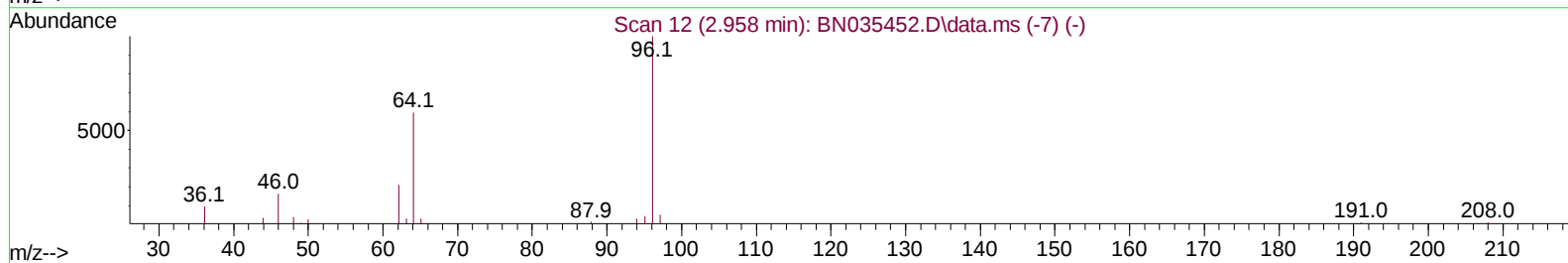
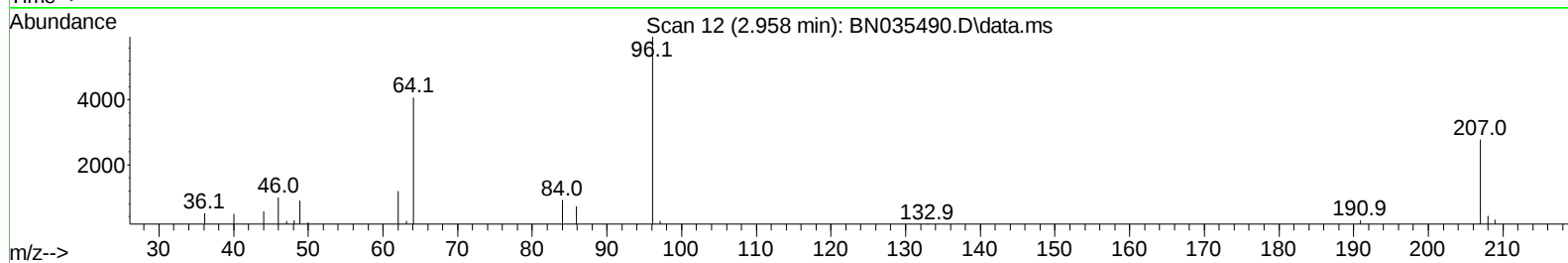
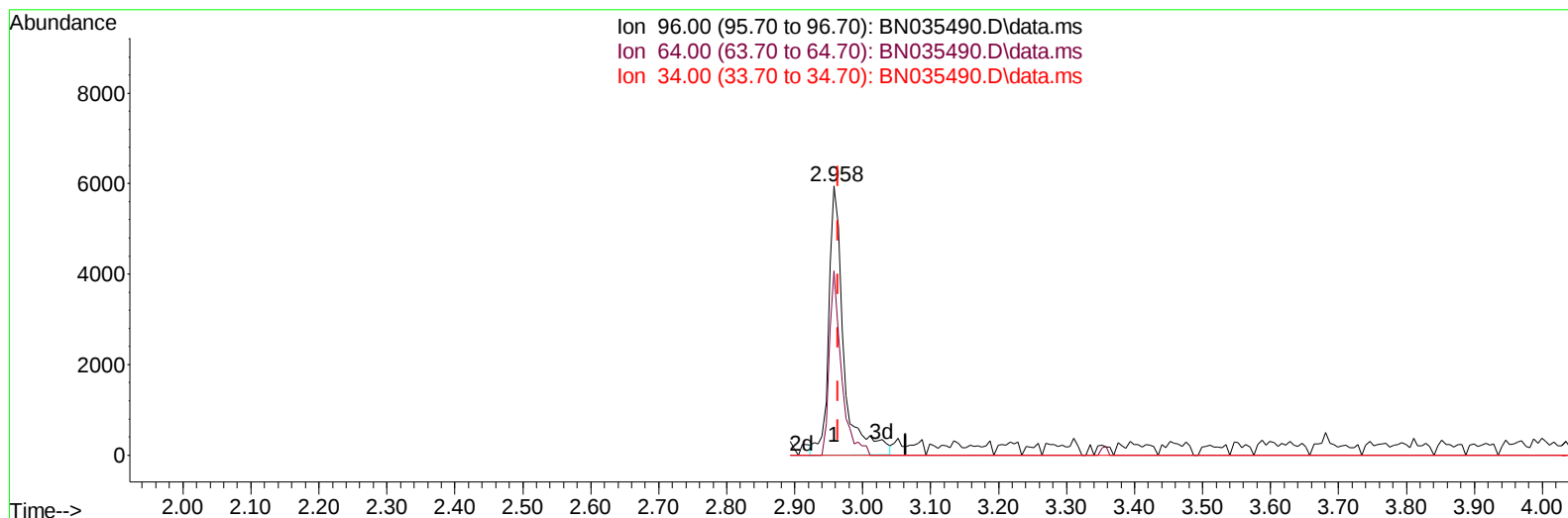
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035490.D
Acq On : 07 Dec 2024 15:03
Operator : RC/JU
Sample : P5114-06MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
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Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035490.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.958min (-0.006) 4.58 ng/uL m

response 9156

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.30	68.42
34.00	0.00	0.00
0.00	0.00	0.00

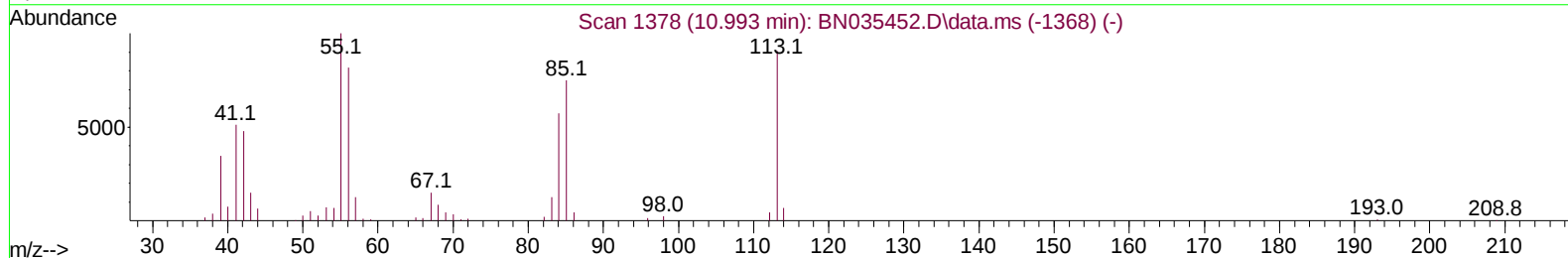
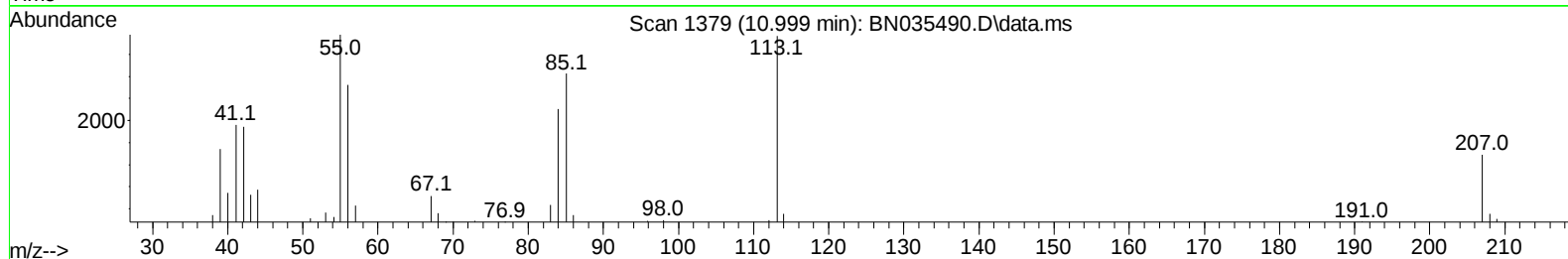
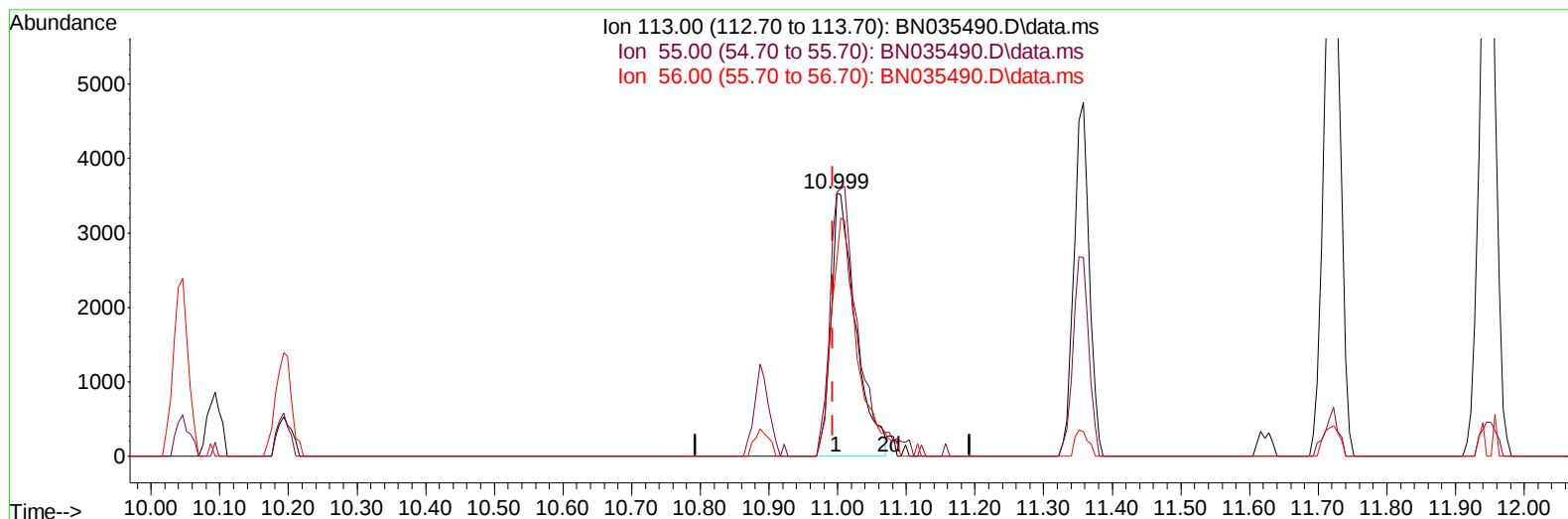
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035490.D
Acq On : 07 Dec 2024 15:03
Operator : RC/JU
Sample : P5114-06MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1PK0MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 09 00:20:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
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Reviewed By :Yogesh Patel 12/09/2024
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TIC: BN035490.D\data.ms

(34) Caprolactam

10.999min (+ 0.006) 4.32 ng/ul

response 8703

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	100.48
56.00	86.70	74.64
0.00	0.00	0.00

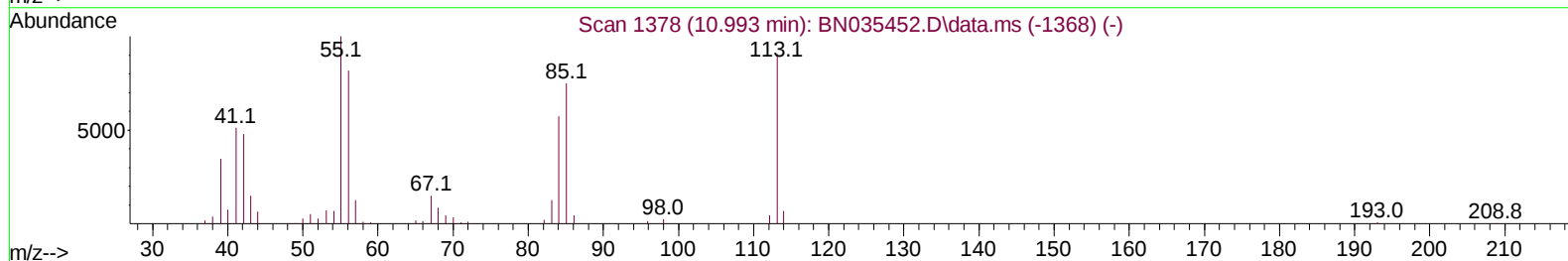
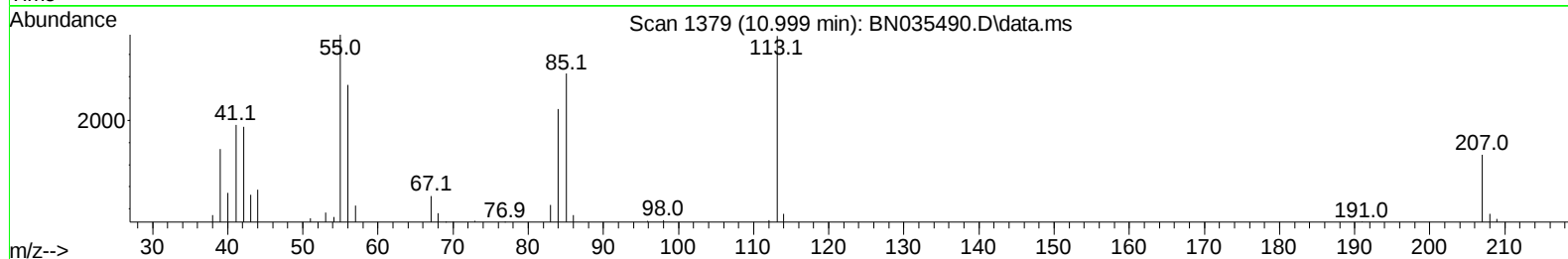
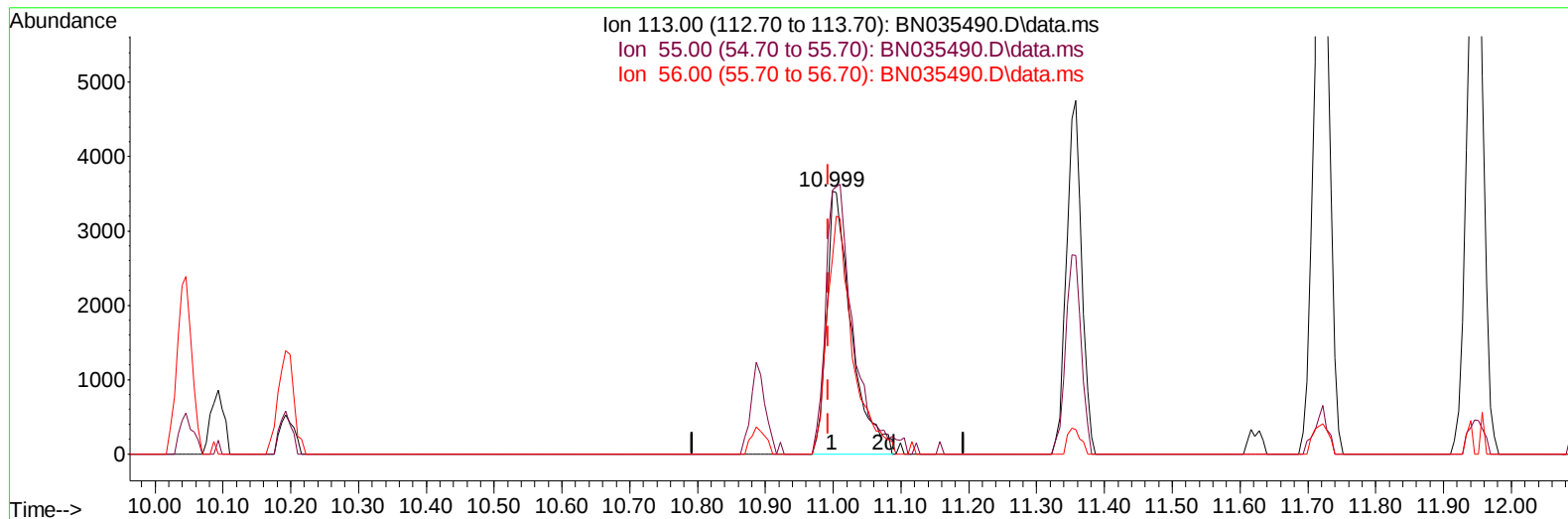
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035490.D
Acq On : 07 Dec 2024 15:03
Operator : RC/JU
Sample : P5114-06MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1PK0MSD

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035490.D\data.ms

(34) Caprolactam

10.999min (+ 0.006) 4.41 ng/ul m

response 8889

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	100.48
56.00	86.70	74.64
0.00	0.00	0.00

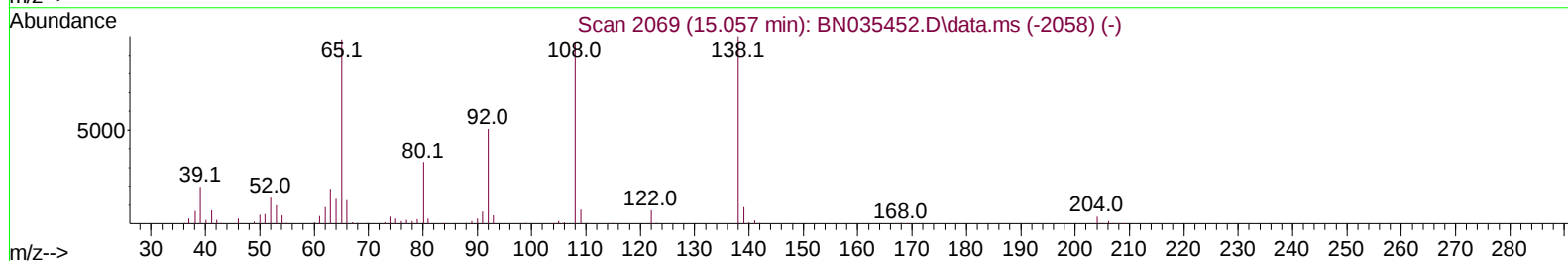
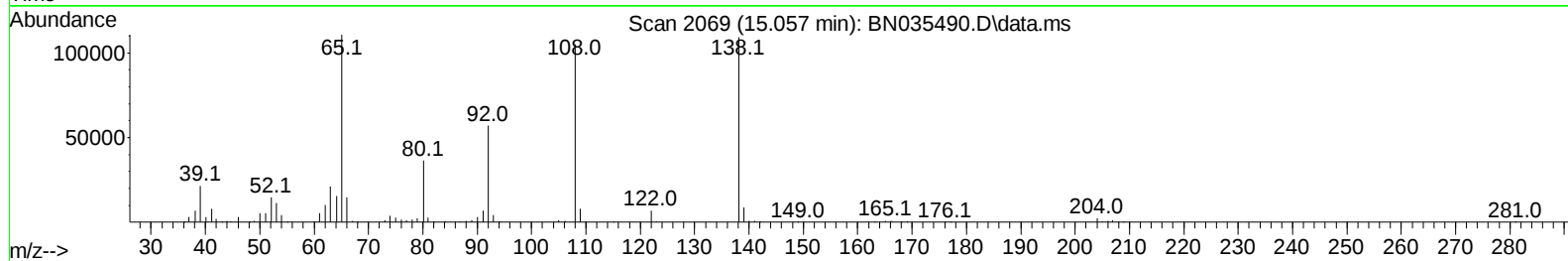
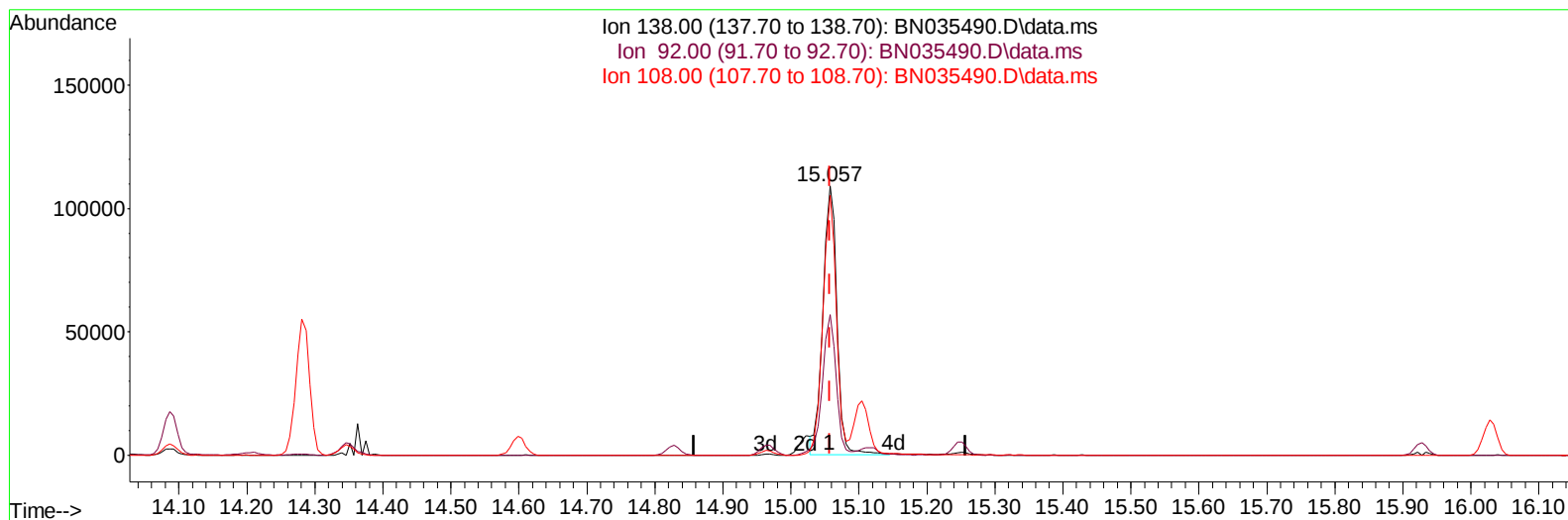
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035490.D
Acq On : 07 Dec 2024 15:03
Operator : RC/JU
Sample : P5114-06MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1PK0MSD

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035490.D\data.ms

(63) 4-Nitroaniline

15.057min (+ 0.000) 40.88 ng/ul

response 156927

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	52.31
108.00	94.00	96.49
0.00	0.00	0.00

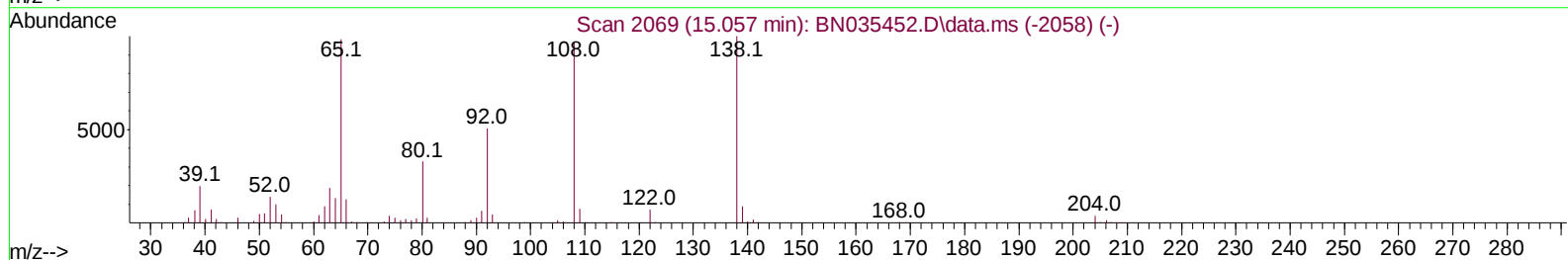
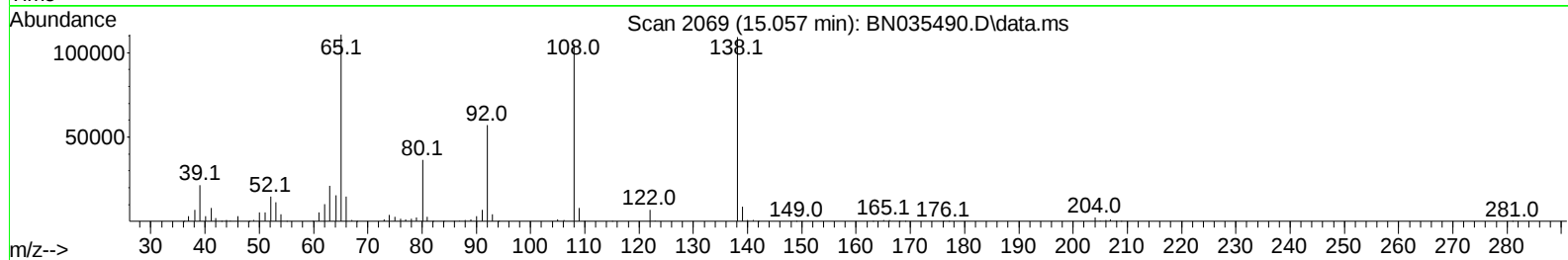
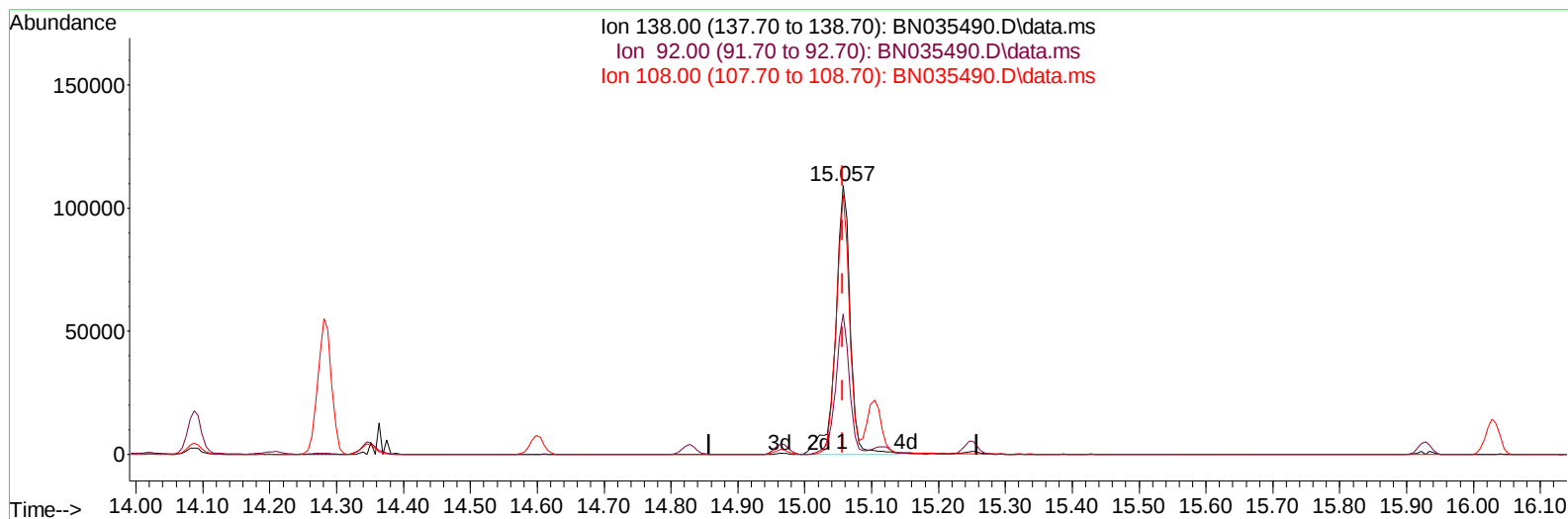
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035490.D
Acq On : 07 Dec 2024 15:03
Operator : RC/JU
Sample : P5114-06MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1PK0MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 09 00:20:23 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
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Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035490.D\data.ms

(63) 4-Nitroaniline

15.057min (+ 0.000) 43.58 ng/ul m

response 167275

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	52.31
108.00	94.00	96.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
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 Operator : RC/JU
 Sample : P5114-06MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1PK0MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 09 00:28:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 18:25:21 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	94440	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.046	136	419620	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	319201	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.722	188	700250	20.000	ng/ul	0.00
79) Chrysene-d12	20.975	240	680700	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	828369	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	9156m	4.581	ng/uL	0.00
4) Pyridine-d5	3.340	84	47156	8.951	ng/ul	0.00
7) Phenol-d5	6.499	99	51499	7.655	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	126808	33.798	ng/ul	0.00
11) 2-Chlorophenol-d4	6.834	132	160528	28.157	ng/ul	-0.01
15) 4-Methylphenol-d8	8.016	113	108240	18.461	ng/ul	0.00
21) Nitrobenzene-d5	8.434	128	98505	36.132	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	116643	36.965	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	222063	32.198	ng/ul	0.00
31) 4-Chloroaniline-d4	10.193	131	229959	27.003	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	814295	35.528	ng/ul	0.00
49) Acenaphthylene-d8	13.640	160	816541	32.350	ng/ul	0.00
54) 4-Nitrophenol-d4	14.193	143	34357	9.103	ng/ul	0.00
60) Fluorene-d10	14.963	176	659406	33.315	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	152577	41.315	ng/ul	0.00
73) Anthracene-d10	16.822	188	1082338	35.044	ng/ul	0.00
81) Pyrene-d10	19.145	212	1301672	36.206	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.469	264	1464541	36.511	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	10427	4.653	ng/ul#	90
5) Pyridine	3.358	79	53773	10.179	ng/ul	98
6) Benzaldehyde	6.458	77	78448	21.618	ng/ul	99
8) Phenol	6.522	94	58269	8.362	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.746	93	182207	33.402	ng/ul	97
12) 2-Chlorophenol	6.869	128	169638	28.592	ng/ul	98
13) 2-Methylphenol	7.746	108	124672	23.044	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.822	45	144007	33.401	ng/ul	99
16) Acetophenone	8.111	105	316745	34.208	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.105	70	149979	34.070	ng/ul	99
18) 4-Methylphenol	8.075	108	120704	20.079	ng/ul	100
19) Hexachloroethane	8.346	117	69221	27.307	ng/ul	96
22) Nitrobenzene	8.475	77	240282	35.089	ng/ul	97
23) Isophorone	8.999	82	456393	33.260	ng/ul	99
25) 2-Nitrophenol	9.175	139	128972	36.075	ng/ul	99
26) 2,4-Dimethylphenol	9.258	107	176400	24.616	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.493	93	267955	32.055	ng/ul	97
29) 2,4-Dichlorophenol	9.705	162	227165	32.552	ng/ul	97
30) Naphthalene	10.093	128	660847	30.989	ng/ul	99
32) 4-Chloroaniline	10.216	127	97067	11.899	ng/ul	100
33) Hexachlorobutadiene	10.387	225	146319	29.709	ng/ul	99
34) Caprolactam	10.999	113	8889m	4.408	ng/ul	
35) 4-Chloro-3-methylphenol	11.357	107	232947	32.045	ng/ul	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
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Manual IntegrationsAPPROVED

Quant Time: Dec 09 00:28:29 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	515559	32.465	ng/ul	99
37) 1-Methylnaphthalene	11.946	142	506752	31.128	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.104	216	305974	32.526	ng/ul	98
40) Hexachlorocyclopentadiene	12.087	237	128780	27.250	ng/ul	93
41) 2,4,6-Trichlorophenol	12.357	196	206960	33.926	ng/ul	94
42) 2,4,5-Trichlorophenol	12.428	196	240637	35.405	ng/ul	100
43) 1,1'-Biphenyl	12.775	154	724367	32.882	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	576544	32.720	ng/ul	99
45) 2-Nitroaniline	13.028	65	154747	44.683	ng/ul	99
47) Dimethylphthalate	13.434	163	827007	36.068	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	169269	44.292	ng/ul	98
50) Acenaphthylene	13.669	152	891644	33.235	ng/ul	100
51) 3-Nitroaniline	13.881	138	136746	34.549	ng/ul	98
52) Acenaphthene	14.022	153	647436	33.529	ng/ul	100
53) 2,4-Dinitrophenol	14.087	184	110132	41.257	ng/ul	98
55) 4-Nitrophenol	14.204	109	34008	9.541	ng/ul	97
56) Dibenzofuran	14.363	168	930768	33.901	ng/ul	97
57) 2,4-Dinitrotoluene	14.346	165	254129	41.905	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.604	232	203279	34.332	ng/ul#	95
59) Diethylphthalate	14.828	149	835812	37.297	ng/ul	100
61) Fluorene	15.022	166	743380	33.610	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.028	204	382339	33.831	ng/ul	99
63) 4-Nitroaniline	15.057	138	167275m	43.577	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.122	198	167478	41.856	ng/ul#	99
67) N-Nitrosodiphenylamine	15.251	169	665824	35.790	ng/ul	100
68) 4-Bromophenyl-phenylether	15.928	248	253355	35.776	ng/ul	99
69) Hexachlorobenzene	16.028	284	302210	35.950	ng/ul	98
70) Atrazine	16.222	200	1413	0.213	ng/ul#	77
71) Pentachlorophenol	16.381	266	191865	35.950	ng/ul	97
72) Phenanthrene	16.769	178	1275625	35.382	ng/ul	98
74) Anthracene	16.857	178	1273559	34.986	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.728	216	307309	33.099	ng/uL	100
76) Pentachlorobenzene	14.281	250	336900	35.249	ng/uL	99
77) Carbazole	17.140	167	1186552	39.172	ng/ul	99
78) Di-n-butylphthalate	17.734	149	1375172	39.000	ng/ul	100
80) Fluoranthene	18.804	202	1551346	36.766	ng/ul	99
82) Pyrene	19.175	202	1631888	36.063	ng/ul	98
83) Butylbenzylphthalate	20.128	149	579521	45.439	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.904	252	418648	34.495	ng/ul	100
85) Benzo(a)anthracene	20.963	228	1654172	36.198	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.933	149	894305	44.471	ng/ul	99
87) Chrysene	21.016	228	1606558	36.487	ng/ul	99
89) Di-n-octyl phthalate	21.963	149	1594519	42.346	ng/ul	100
90) Benzo(b)fluoranthene	22.816	252	1793586	37.564	ng/ul	99
91) Benzo(k)fluoranthene	22.875	252	1716019	35.097	ng/ul	98
93) Benzo(a)pyrene	23.527	252	1623000	36.217	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	2019432	37.778	ng/ul	97
95) Dibenzo(a,h)anthracene	26.651	278	1593476	36.791	ng/ul	99
96) Benzo(g,h,i)perylene	27.504	276	1510310	37.226	ng/ul	98

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

Instrument :

BNA_N

ClientSampleId :

E1PK0MSD

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/13/2024

