

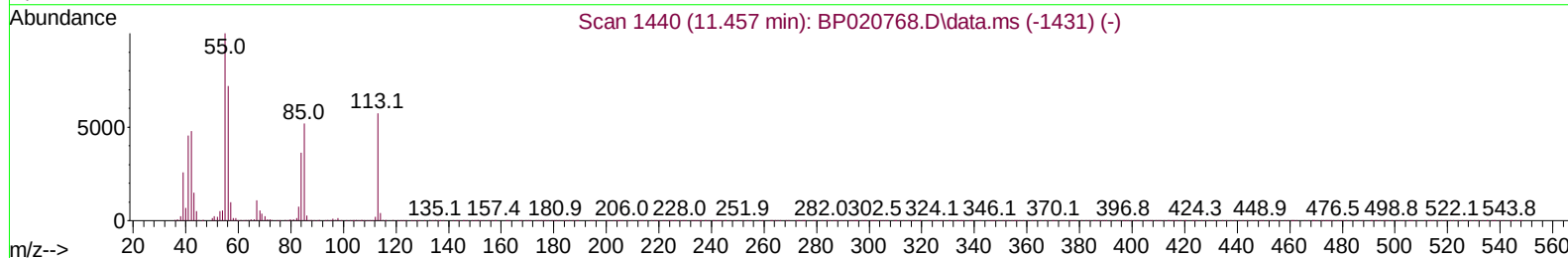
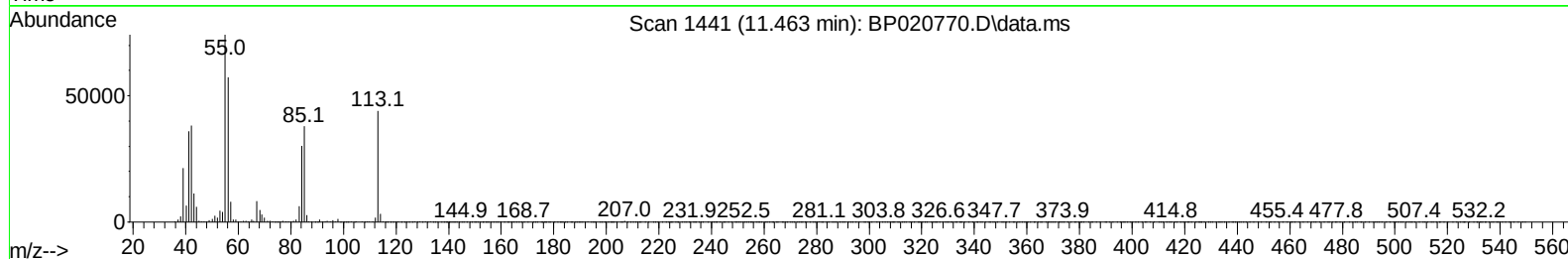
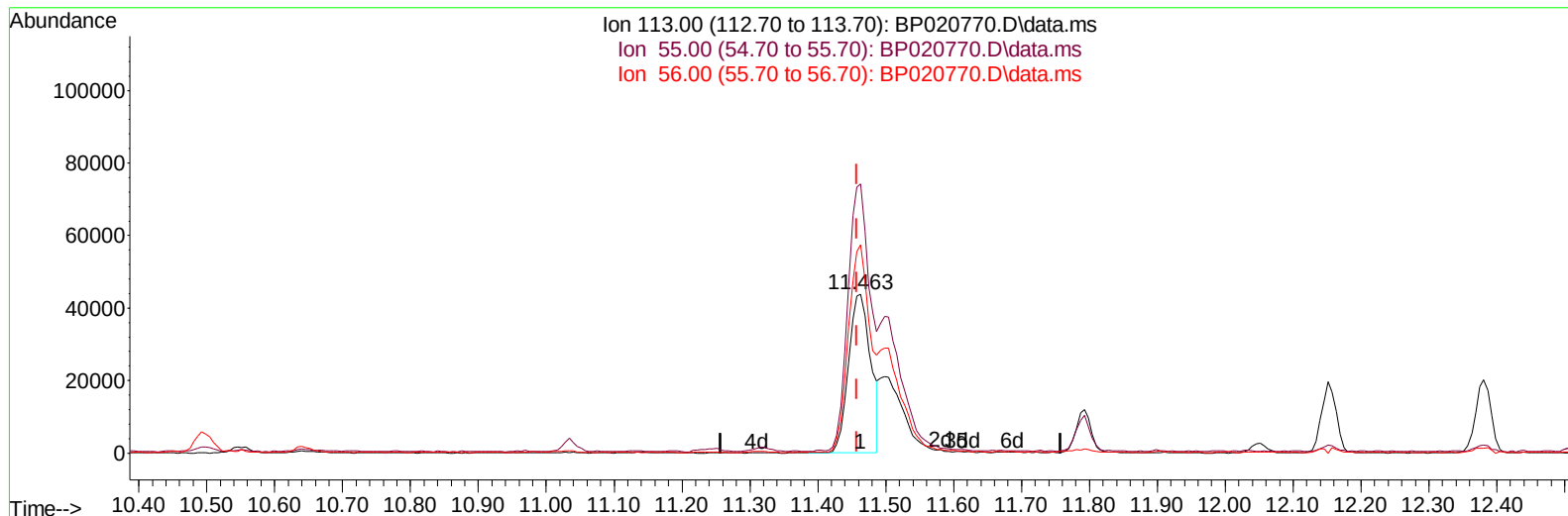
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020770.D
Acq On : 03 Jul 2024 14:33
Operator : MA/JU
Sample : P3065-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CX6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 15:06:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration



TIC: BP020770.D\data.ms

(34) Caprolactam

11.463min (+ 0.006) 25.64 ng/ul

response 99168

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	169.01
56.00	140.50	130.73
0.00	0.00	0.00

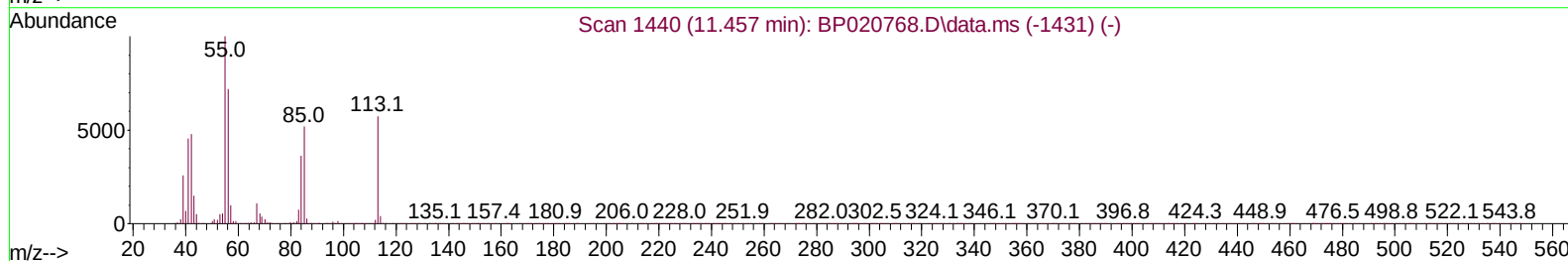
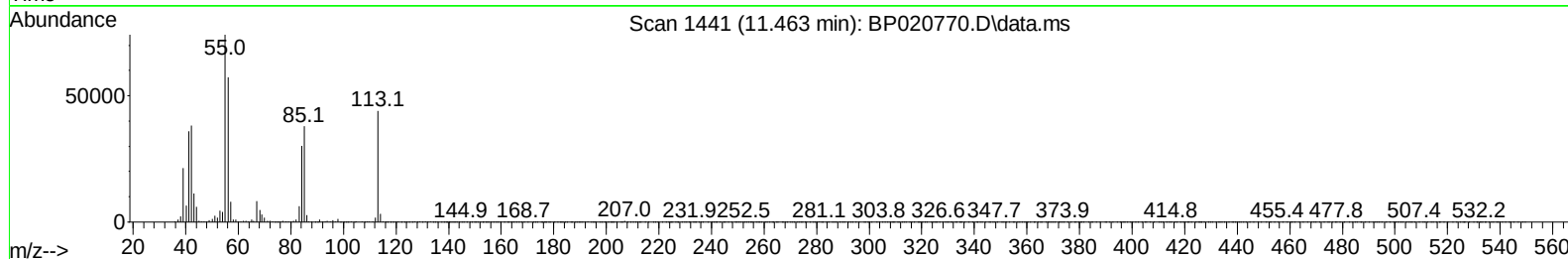
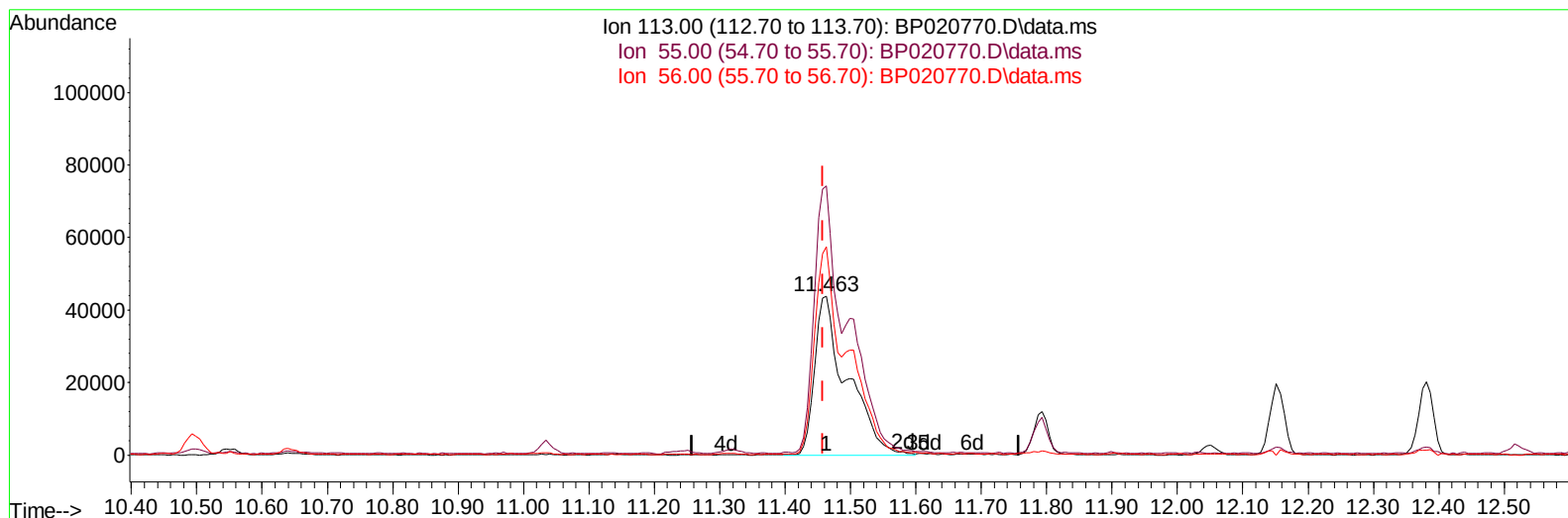
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020770.D
Acq On : 03 Jul 2024 14:33
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Sample : P3065-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020770.D\data.ms

(34) Caprolactam

11.463min (+ 0.006) 39.12 ng/ul m

response 151311

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	169.01
56.00	140.50	130.73
0.00	0.00	0.00

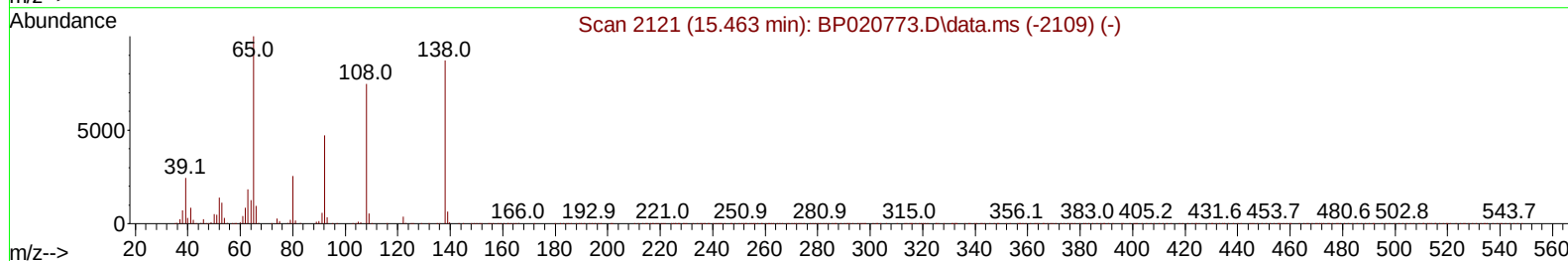
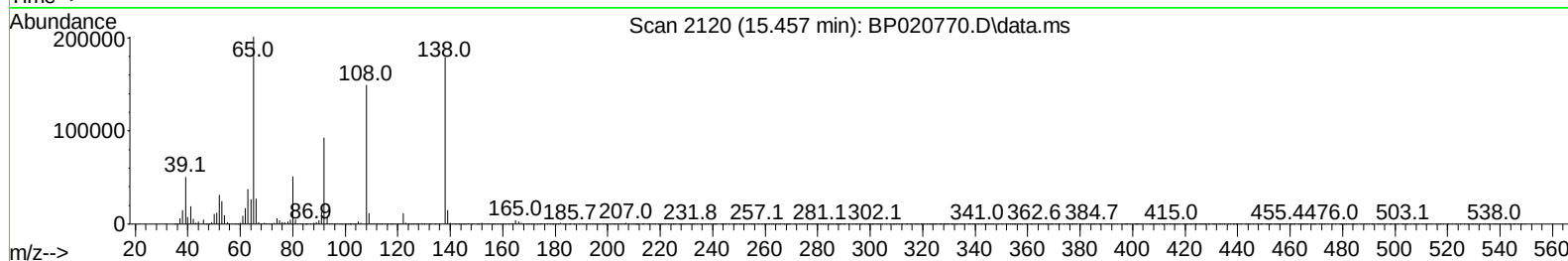
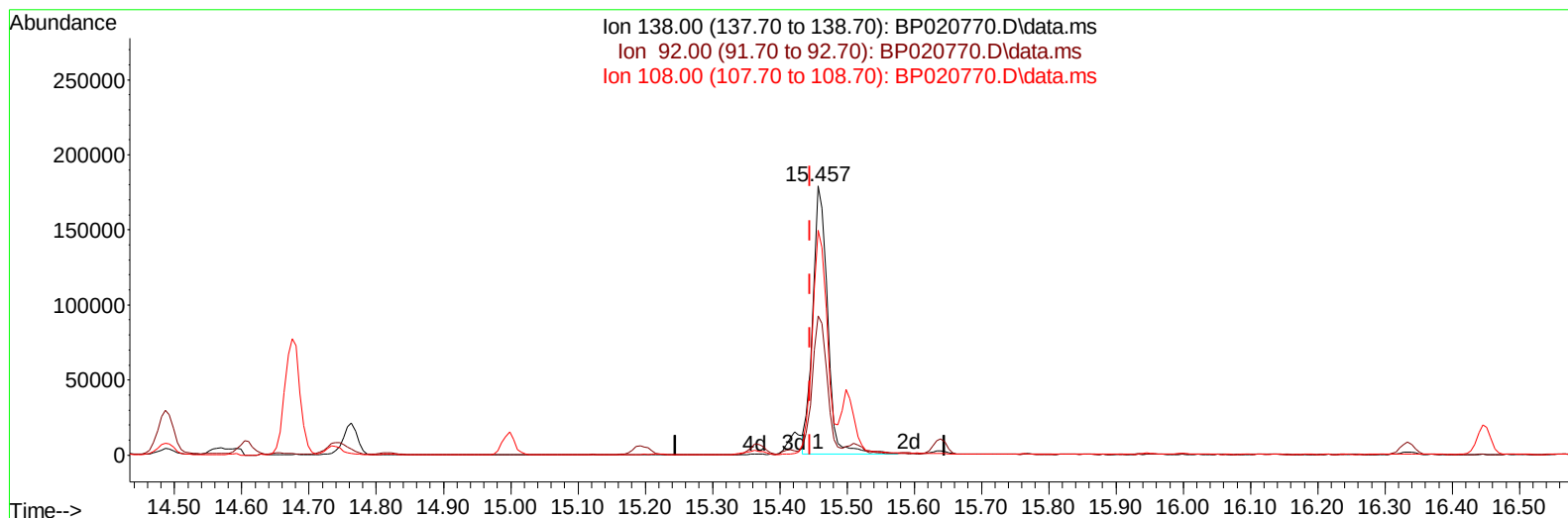
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020770.D
 Acq On : 03 Jul 2024 14:33
 Operator : MA/JU
 Sample : P3065-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CX6MS

Manual IntegrationsAPPROVED

Quant Time: Jul 03 15:07:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BP020770.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.012) 47.32 ng/ul

response 274693

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	51.79
108.00	91.40	83.49
0.00	0.00	0.00

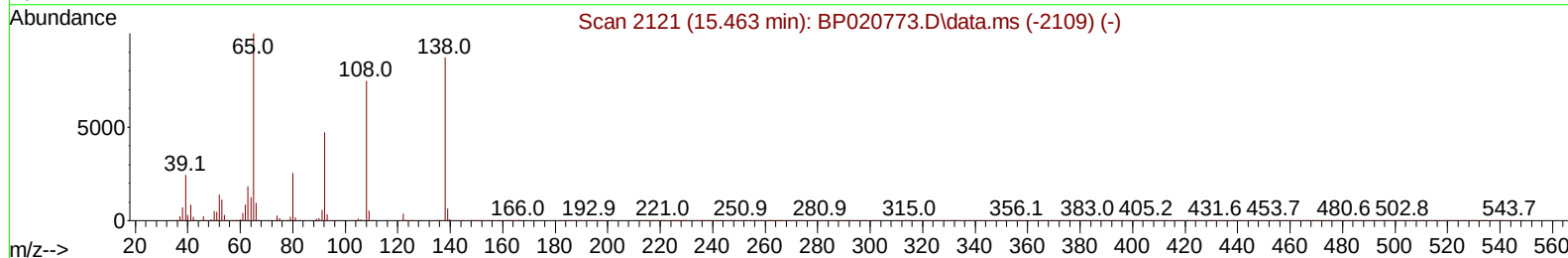
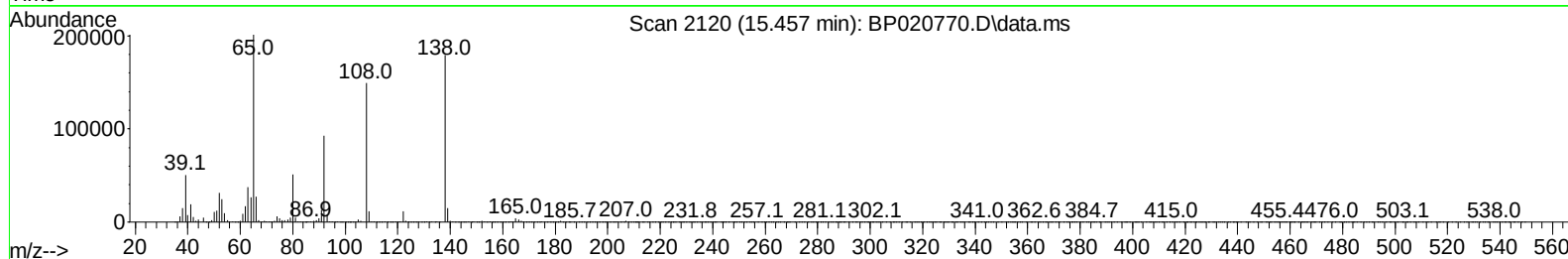
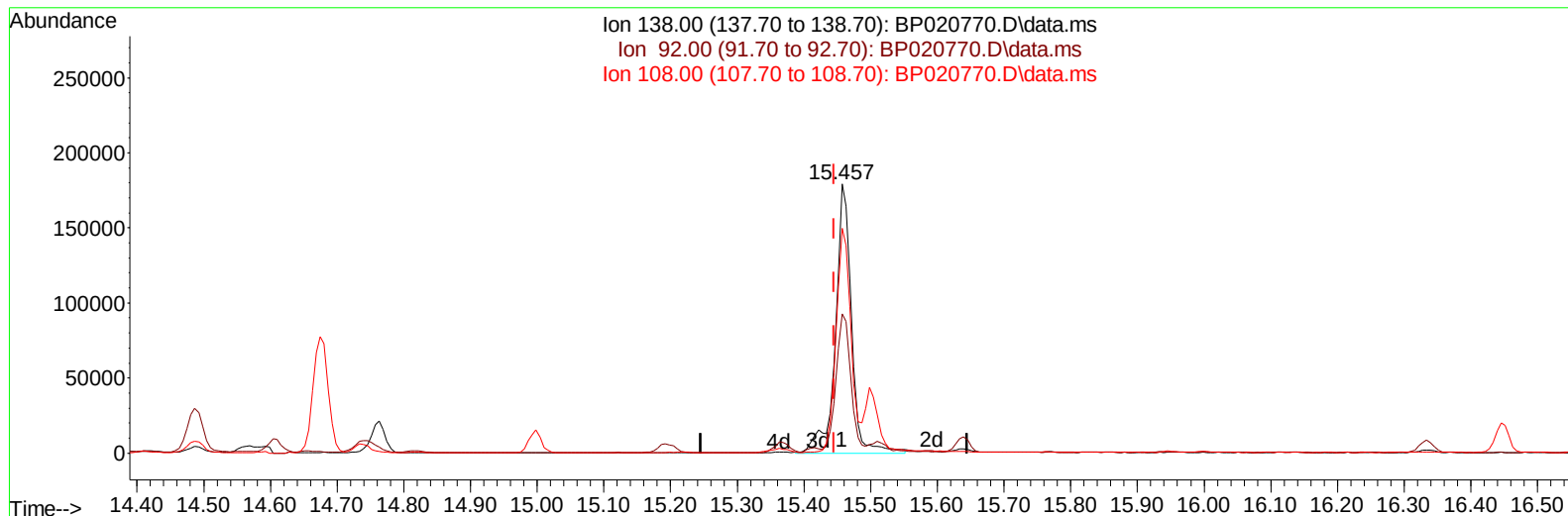
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020770.D
Acq On : 03 Jul 2024 14:33
Operator : MA/JU
Sample : P3065-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CX6MS

Manual IntegrationsAPPROVED

Quant Time: Jul 03 15:07:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020770.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.012) 51.87 ng/ul m

response 301129

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	51.79
108.00	91.40	83.49
0.00	0.00	0.00

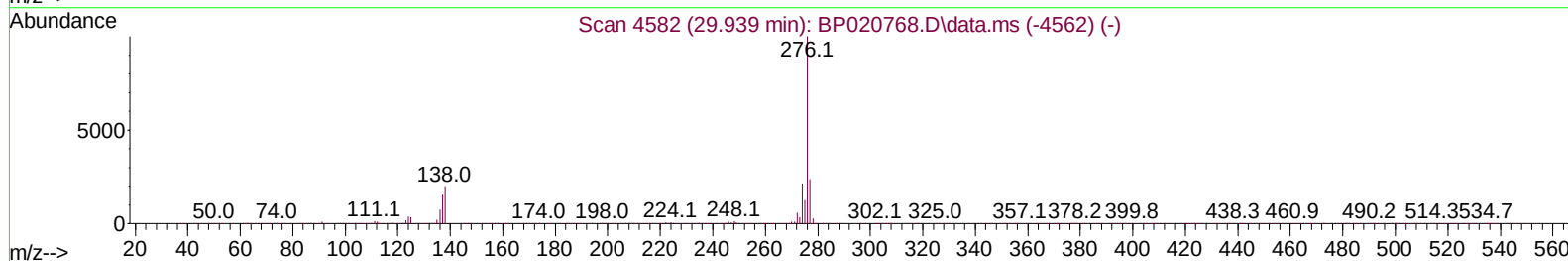
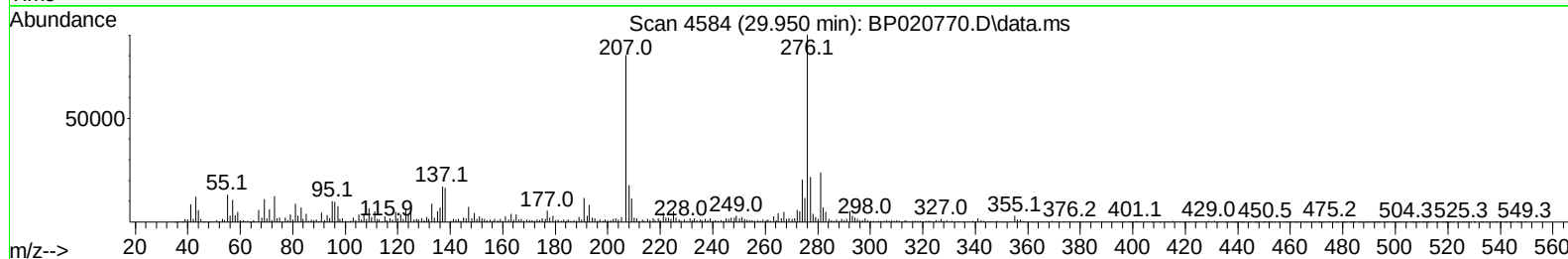
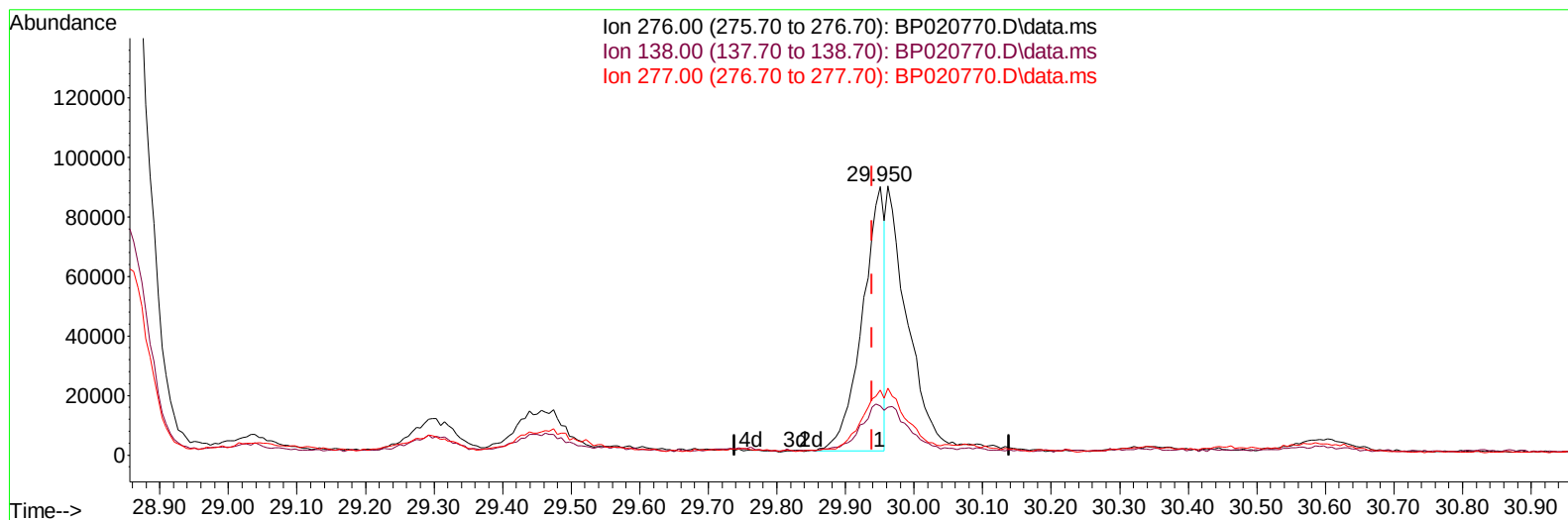
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
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Acq On : 03 Jul 2024 14:33
Operator : MA/JU
Sample : P3065-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CX6MS

Manual IntegrationsAPPROVED

Quant Time: Jul 03 15:06:02 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020770.D\data.ms

(96) Benzo(g,h,i)perylene

29.950min (+ 0.012) 2.95 ng/u1

response 199108

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	18.42
277.00	23.40	24.15
0.00	0.00	0.00

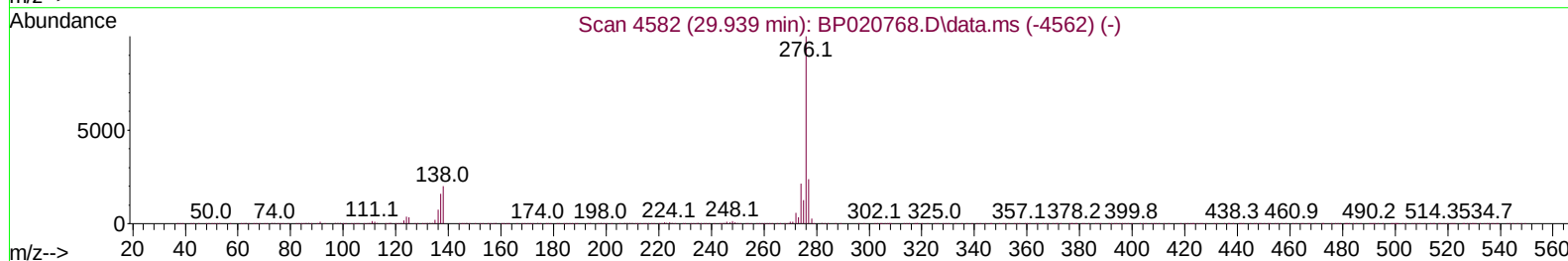
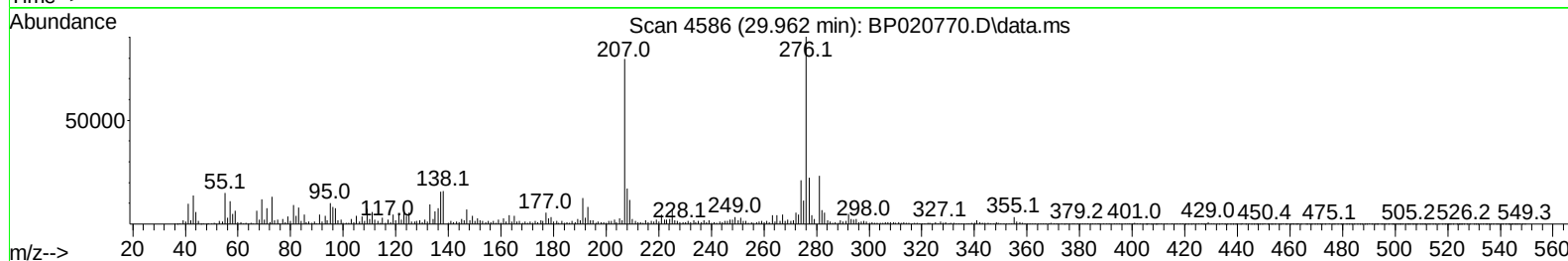
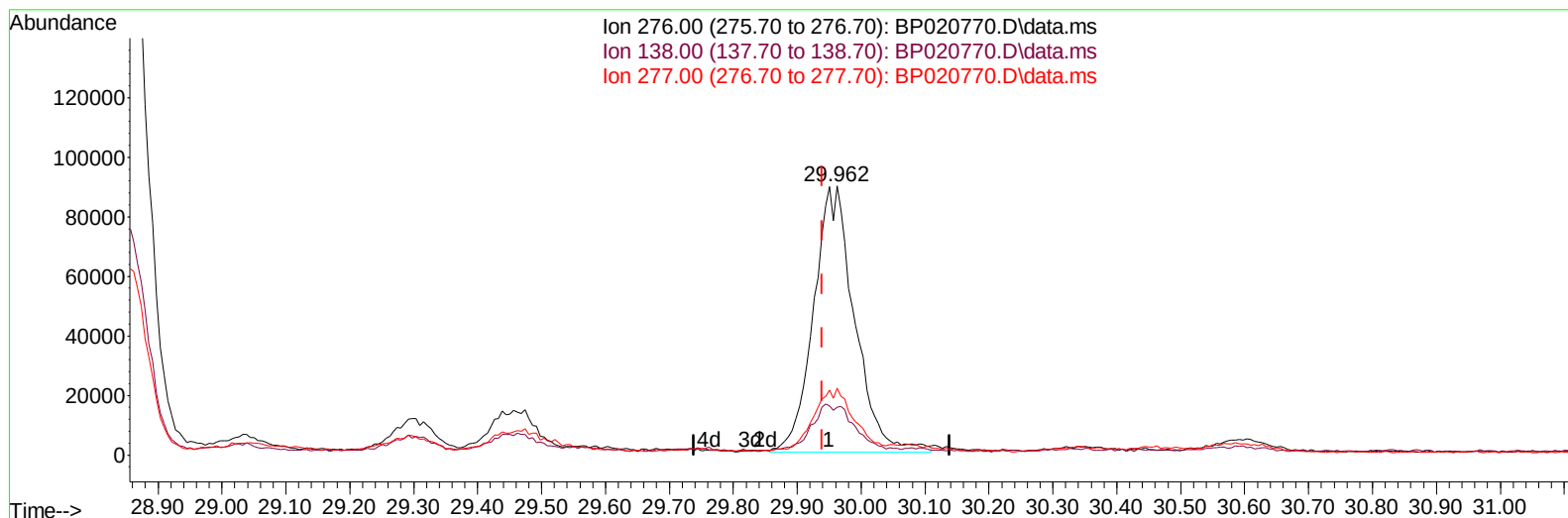
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020770.D
Acq On : 03 Jul 2024 14:33
Operator : MA/JU
Sample : P3065-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CX6MS

Manual IntegrationsAPPROVED

Quant Time: Jul 03 15:06:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020770.D\data.ms

(96) Benzo(g,h,i)perylene

29.962min (+ 0.023) 5.90 ng/ul m

response 398728

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	17.75
277.00	23.40	24.81
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020770.D
 Acq On : 03 Jul 2024 14:33
 Operator : MA/JU
 Sample : P3065-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CX6MS

Manual IntegrationsAPPROVED

Quant Time: Jul 04 02:09:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	209623	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	843820	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	521094	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1062903	20.000	ng/ul	0.00
79) Chrysene-d12	21.616	240	937399	20.000	ng/ul	0.00
88) Perylene-d12	24.968	264	1128781	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	19861	4.069	ng/uL	0.00
4) Pyridine-d5	3.693	84	150608	10.586	ng/ul	0.01
7) Phenol-d5	6.922	99	537830	31.282	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	310679	28.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.275	132	437013	31.101	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	433017	31.010	ng/ul	0.01
21) Nitrobenzene-d5	8.881	128	215099	34.527	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	249499	40.020	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	485050	37.770	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	245023	13.615	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1396788	38.552	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	1553349	35.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	233448	42.171	ng/ul	0.01
60) Fluorene-d10	15.369	176	1174131	38.511	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	252934	47.221	ng/ul	0.00
73) Anthracene-d10	17.269	188	1799309	37.719	ng/ul	0.00
81) Pyrene-d10	19.645	212	1824261	32.394	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	1425060	25.953	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	63572	11.637	ng/uL	98
5) Pyridine	3.711	79	250771	17.016	ng/ul	98
6) Benzaldehyde	6.899	77	214988	24.727	ng/ul	98
8) Phenol	6.952	94	671098	38.276	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.169	93	498028	34.310	ng/ul	98
12) 2-Chlorophenol	7.310	128	531775	37.646	ng/ul	99
13) 2-Methylphenol	8.175	108	501235	37.261	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.252	45	710784	32.221	ng/ul	99
16) Acetophenone	8.552	105	801978	35.963	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.534	70	390705	32.962	ng/ul	99
18) 4-Methylphenol	8.505	108	548546	38.524	ng/ul	98
19) Hexachloroethane	8.799	117	171195	27.918	ng/ul	91
22) Nitrobenzene	8.922	77	587839	36.398	ng/ul	98
23) Isophorone	9.446	82	1141537	35.674	ng/ul	99
25) 2-Nitrophenol	9.622	139	311071	46.203	ng/ul	93
26) 2,4-Dimethylphenol	9.687	107	535191	34.130	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.922	93	682240	35.839	ng/ul	97
29) 2,4-Dichlorophenol	10.157	162	540380	42.513	ng/ul	98
30) Naphthalene	10.551	128	1690497	37.430	ng/ul	100
32) 4-Chloroaniline	10.669	127	345221	19.923	ng/ul	99
33) Hexachlorobutadiene	10.816	225	370383	38.976	ng/ul	100
34) Caprolactam	11.463	113	151311m	39.117	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	595394	42.424	ng/ul	97

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Manual IntegrationsAPPROVED

Quant Time: Jul 04 02:09:47 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
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Reviewed By :Yogesh Patel 07/05/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.151	142	1173616	38.792	ng/ul	100
37) 1-Methylnaphthalene	12.381	142	1201374	38.844	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	671666	40.315	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	269563	25.995	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	448372	45.114	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	492995	47.827	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	1513412	38.834	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	1206081	39.294	ng/ul	99
45) 2-Nitroaniline	13.434	65	379749	49.120	ng/ul	94
47) Dimethylphthalate	13.816	163	1544247	41.842	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	329083	50.005	ng/ul	95
50) Acenaphthylene	14.075	152	1969691	40.334	ng/ul	99
51) 3-Nitroaniline	14.281	138	266030	43.494	ng/ul	94
52) Acenaphthene	14.422	153	1288210	39.766	ng/ul	98
53) 2,4-Dinitrophenol	14.487	184	205923	60.324	ng/ul	95
55) 4-Nitrophenol	14.604	109	248765	50.216	ng/ul	98
56) Dibenzofuran	14.763	168	1783655	40.860	ng/ul	99
57) 2,4-Dinitrotoluene	14.739	165	476782	52.485	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.998	232	409921	48.149	ng/ul	93
59) Diethylphthalate	15.198	149	1554847	42.710	ng/ul	98
61) Fluorene	15.422	166	1480172	42.202	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.416	204	744375	40.671	ng/ul	98
63) 4-Nitroaniline	15.457	138	301129m	51.875	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.516	198	302858	52.782	ng/ul#	90
67) N-Nitrosodiphenylamine	15.639	169	1266247	40.396	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	495206	41.769	ng/ul	98
69) Hexachlorobenzene	16.445	284	445873	33.596	ng/ul	97
70) Atrazine	16.616	200	333657	30.194	ng/ul	99
71) Pentachlorophenol	16.816	266	333682	43.671	ng/ul	98
72) Phenanthrene	17.216	178	3446954	61.929	ng/ul	99
74) Anthracene	17.304	178	2475758	43.243	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.140	216	680610	39.447	ng/uL	98
76) Pentachlorobenzene	14.681	250	556187	33.823	ng/uL	99
77) Carbazole	17.586	167	2019609	42.743	ng/ul	100
78) Di-n-butylphthalate	18.169	149	2772309	45.174	ng/ul	100
80) Fluoranthene	19.298	202	5337045	77.585	ng/ul	98
82) Pyrene	19.680	202	4060779	57.560	ng/ul	96
83) Butylbenzylphthalate	20.633	149	1256793	47.976	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.521	252	311196	15.015	ng/ul	98
85) Benzo(a)anthracene	21.598	228	3992952	60.772	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	2411968	59.301	ng/ul#	98
87) Chrysene	21.674	228	4002328	64.445	ng/ul	99
89) Di-n-octyl phthalate	22.816	149	3097980	42.752	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	4772050	69.784	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	3648000	52.738	ng/ul	99
93) Benzo(a)pyrene	24.815	252	2036551	31.549	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.780	276	3380513	40.828	ng/ul	97
95) Dibenzo(a,h)anthracene	28.856	278	3168548	46.562	ng/ul	98
96) Benzo(g,h,i)perylene	29.962	276	398728m	5.898	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

A4CX6MS

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/05/2024

