

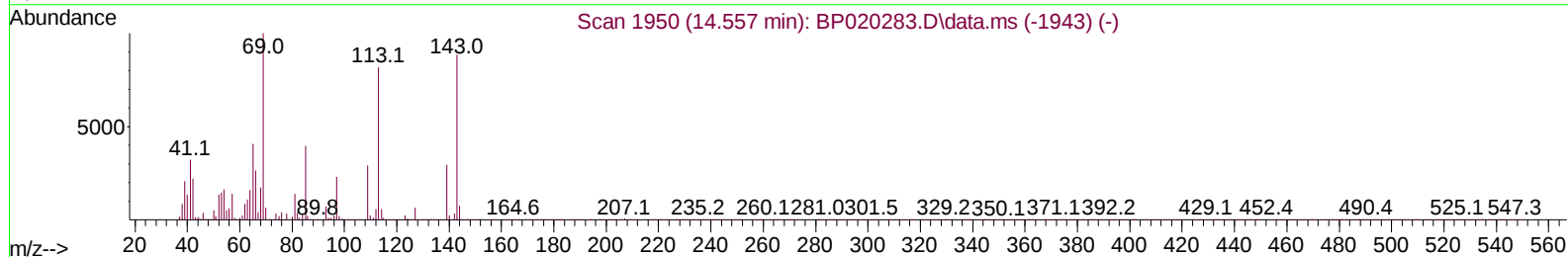
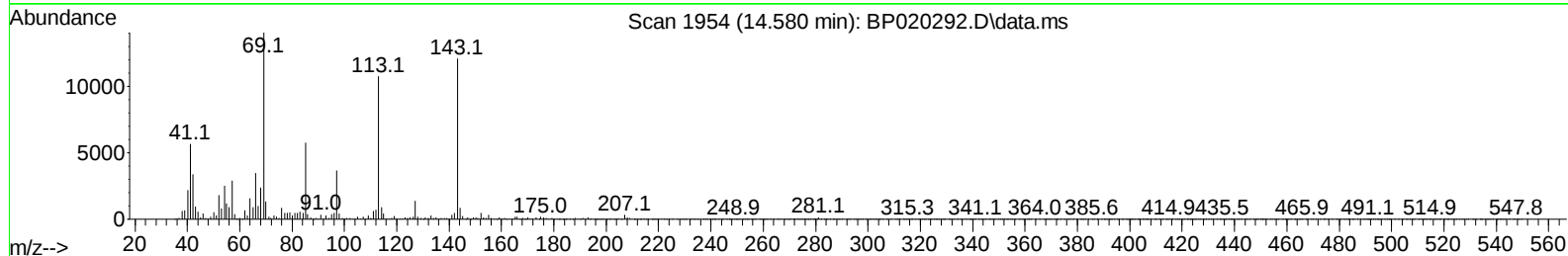
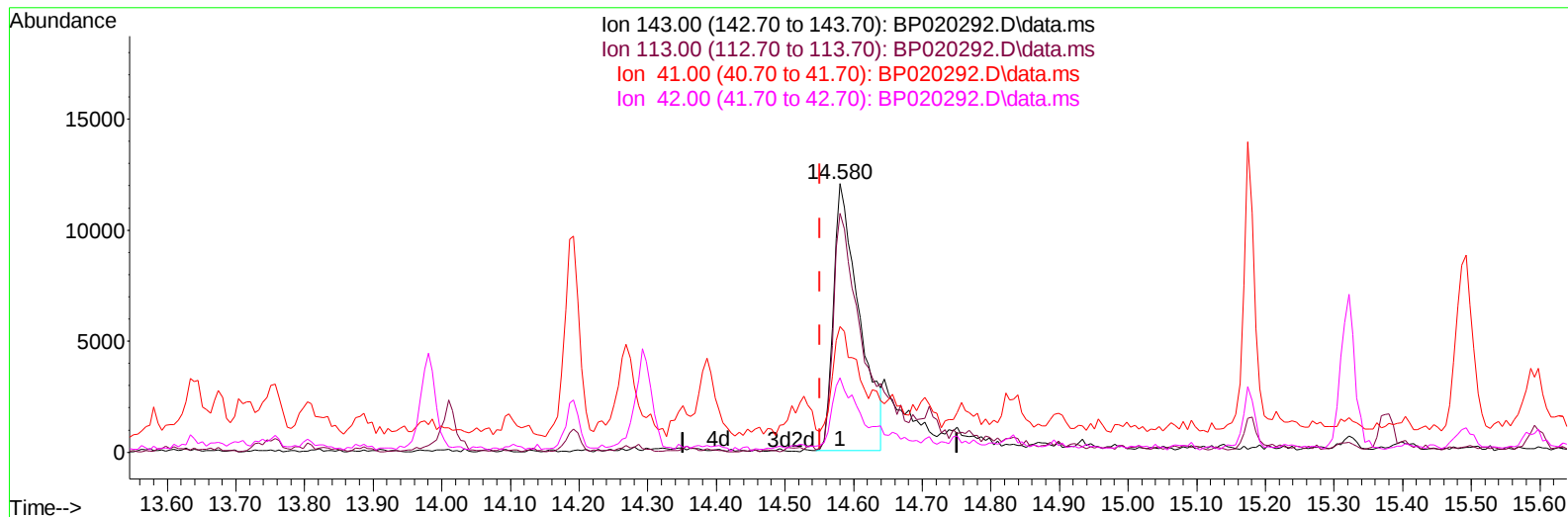
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 16:16:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/13/2024
Supervised By :mohammad ahmed 05/14/2024



TIC: BP020292.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.580min (+ 0.029) 13.24 ng/u1

response 31302

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.40	88.91
41.00	50.30	46.87
42.00	32.50	27.81

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020292.D
 Acq On : 10 May 2024 15:42
 Operator : MA/JU
 Sample : P2370-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_P

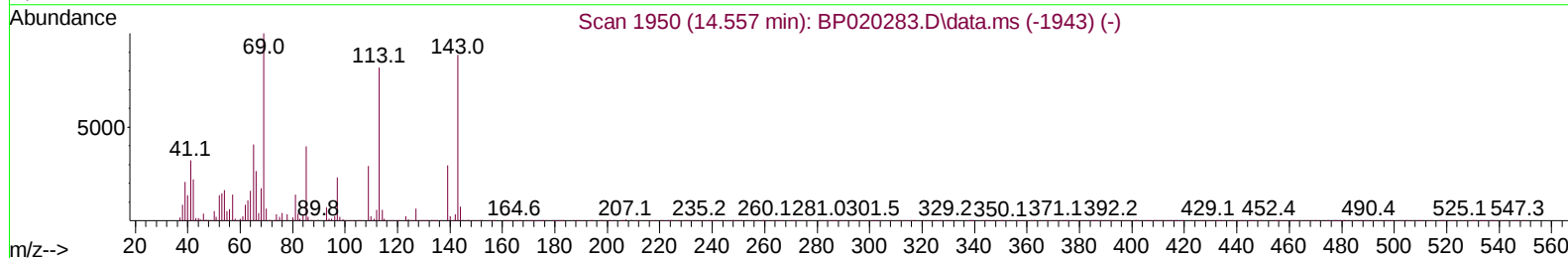
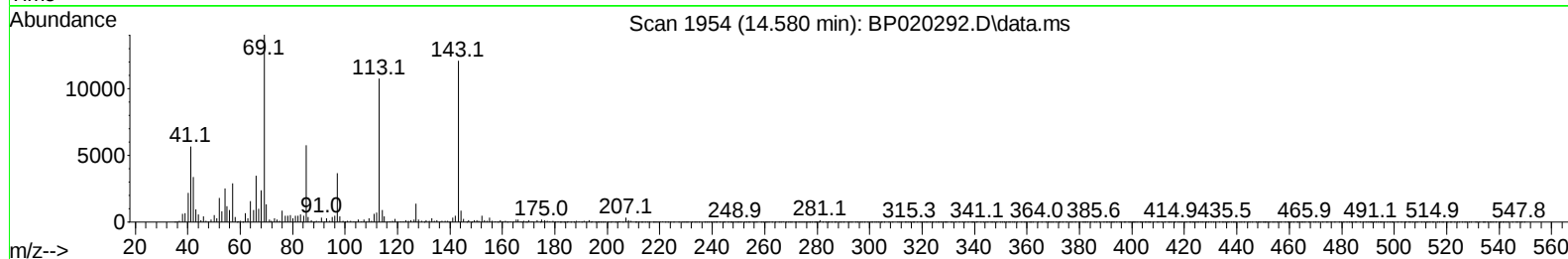
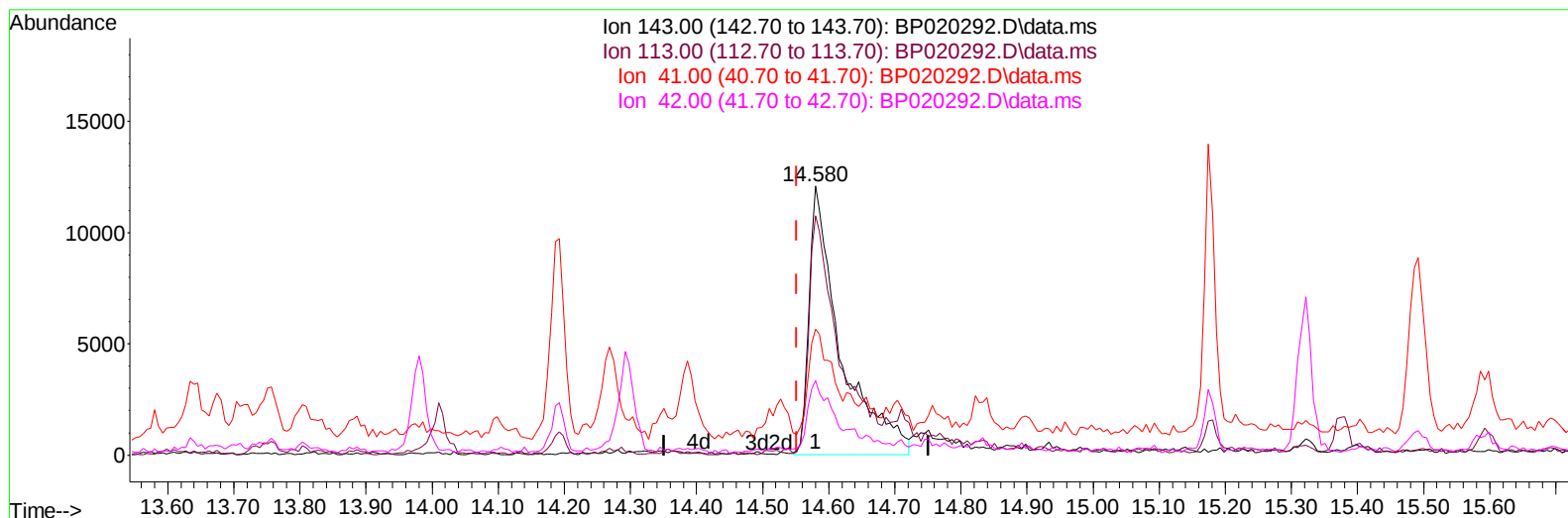
LabSampleId :

SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 16:16:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024



TIC: BP020292.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.580min (+ 0.029) 16.85 ng/ul m

response 39841

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.40	88.91
41.00	50.30	46.87
42.00	32.50	27.81

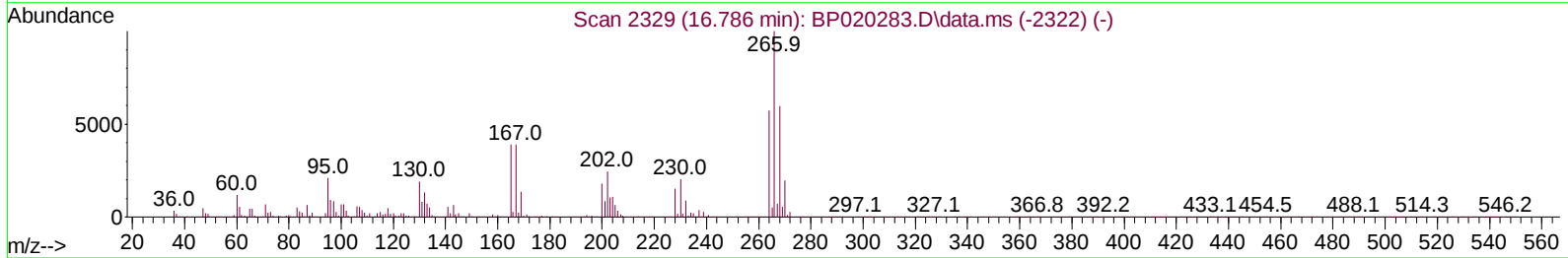
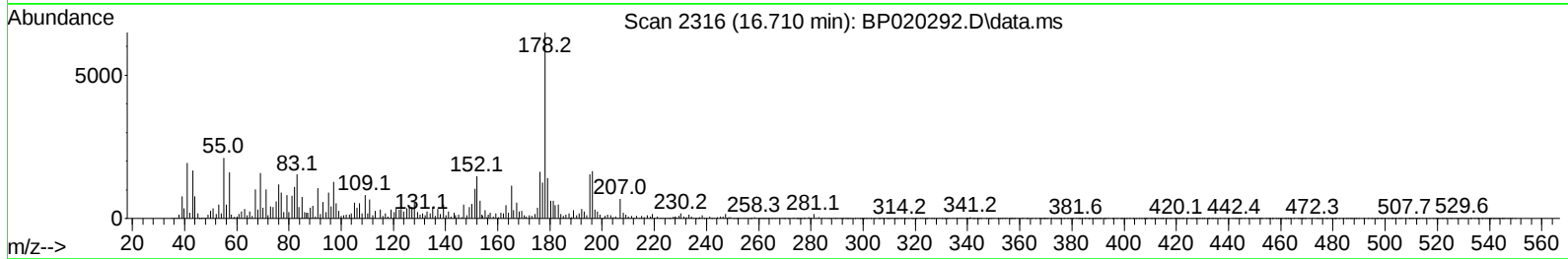
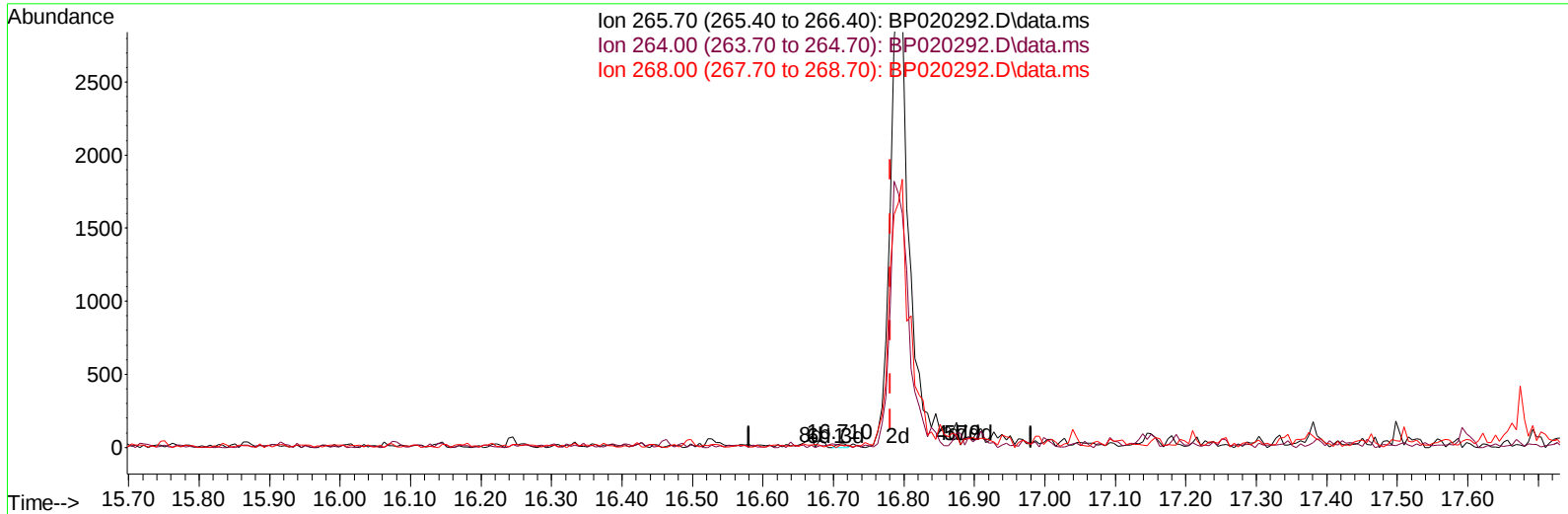
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020292.D
 Acq On : 10 May 2024 15:42
 Operator : MA/JU
 Sample : P2370-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 16:18:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024



TIC: BP020292.D\data.ms

(71) Pentachlorophenol (C)

16.710min (-0.071) 0.01 ng/u1

response 26

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.20	56.00
268.00	63.00	68.00
0.00	0.00	0.00

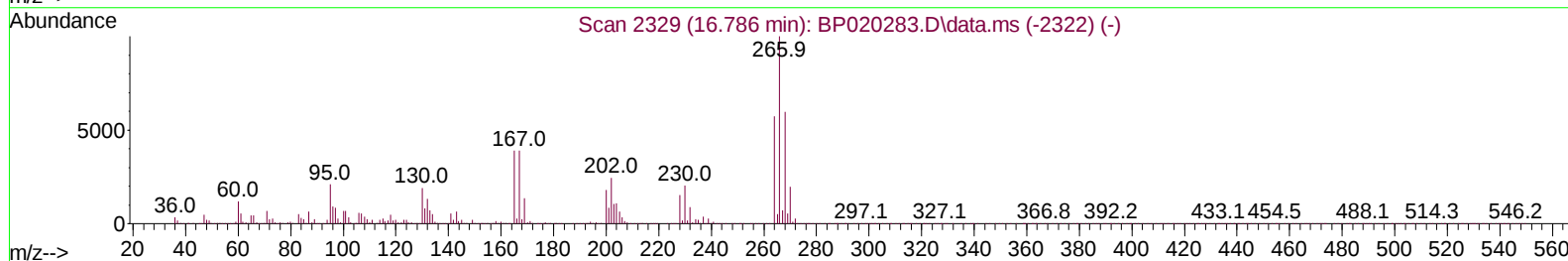
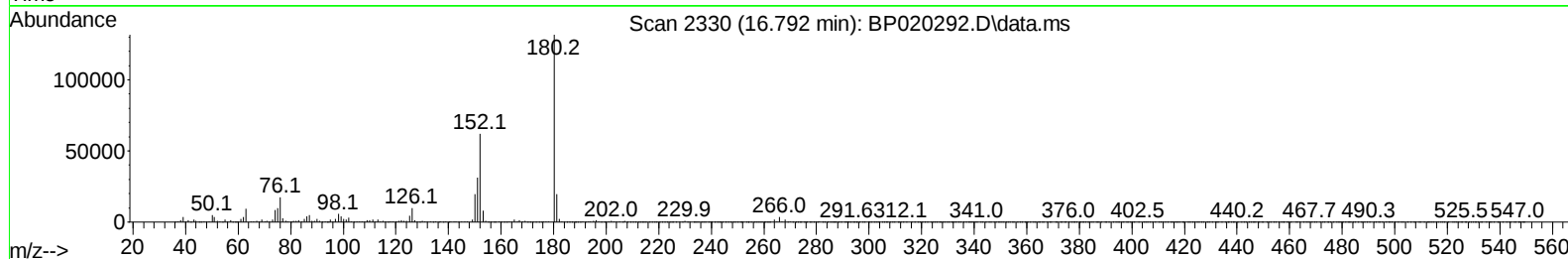
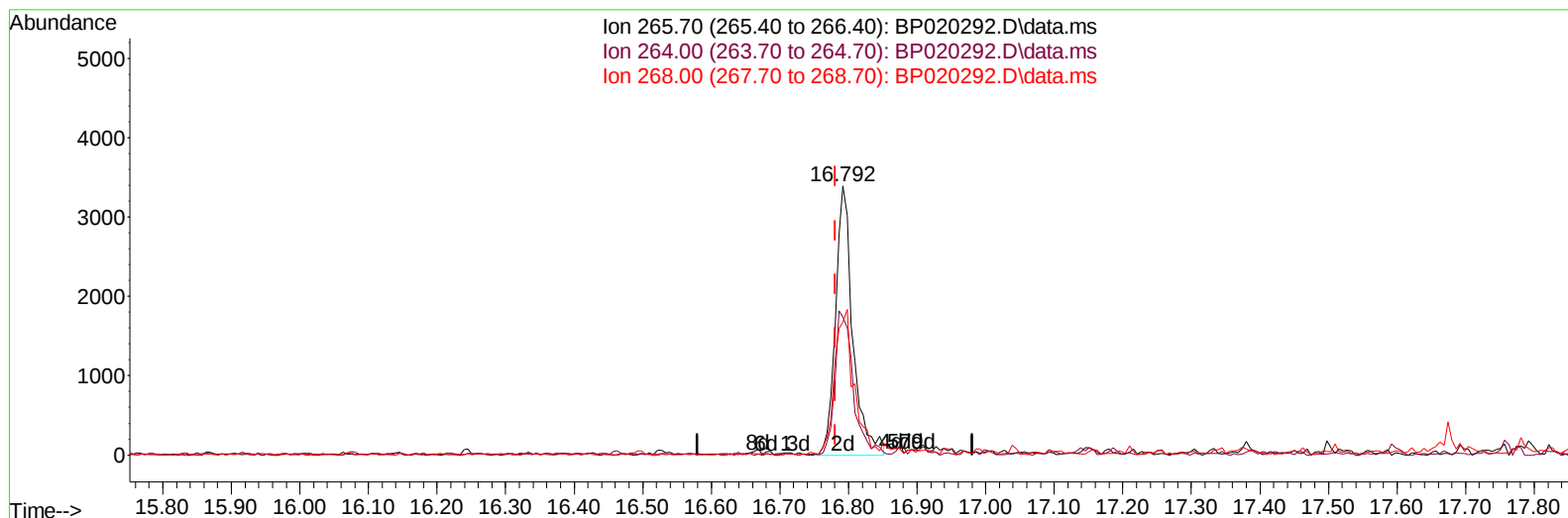
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 16:18:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/13/2024
Supervised By :mohammad ahmed 05/14/2024



TIC: BP020292.D\data.ms

(71) Pentachlorophenol (C)

16.792min (+ 0.011) 1.69 ng/ul m

response 5953

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.20	51.22
268.00	63.00	49.40#
0.00	0.00	0.00

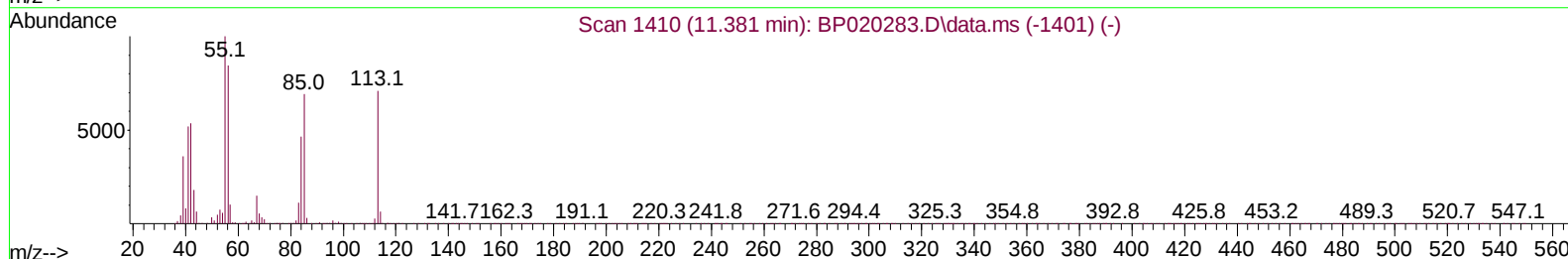
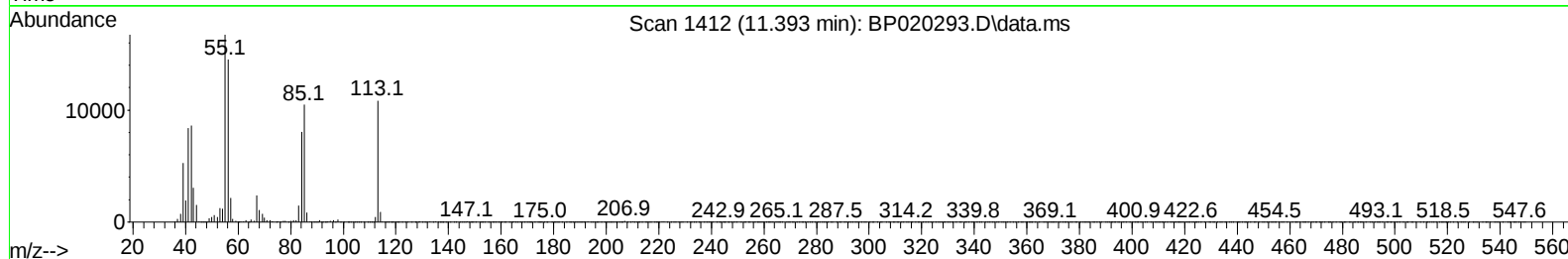
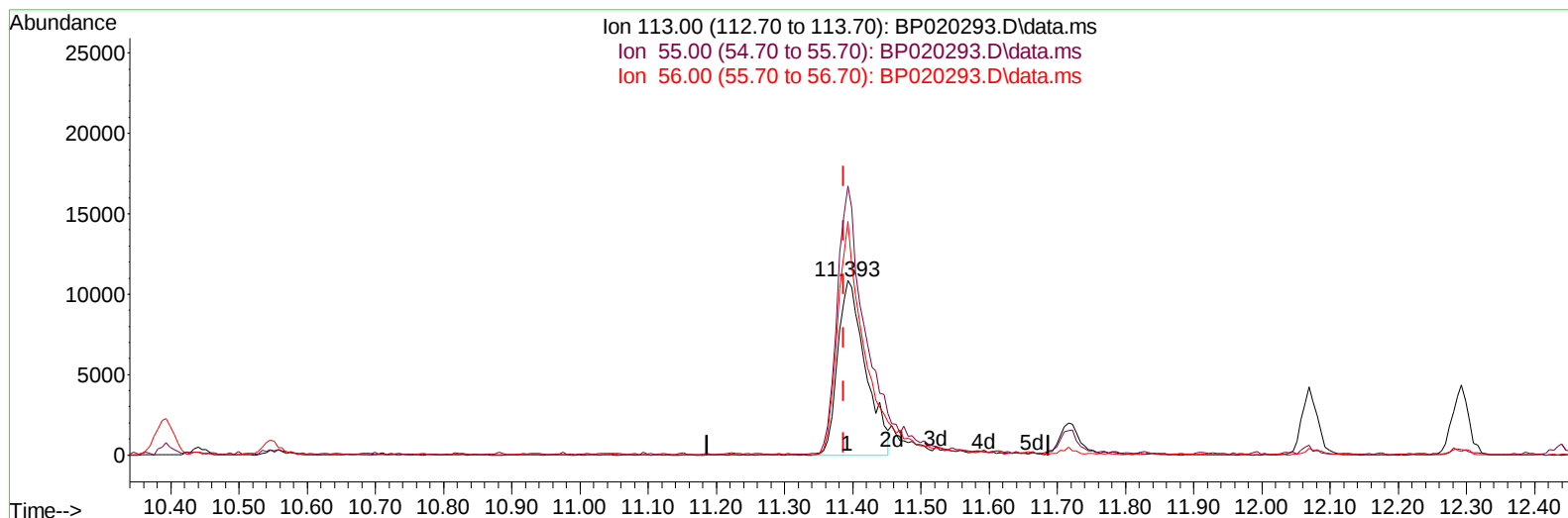
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020293.D
 Acq On : 10 May 2024 16:26
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 17:00:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024



TIC: BP020293.D\data.ms

(34) Caprolactam

11.393min (+ 0.006) 16.42 ng/ul

response 30840

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	154.10
56.00	131.80	133.92
0.00	0.00	0.00

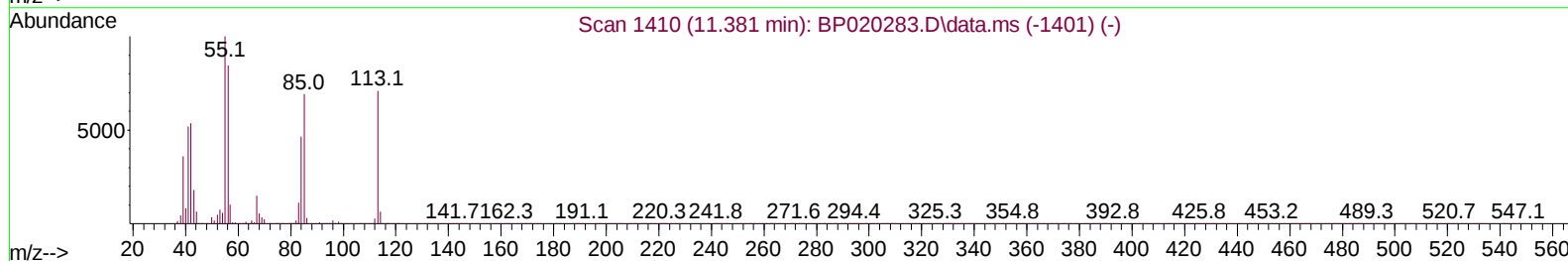
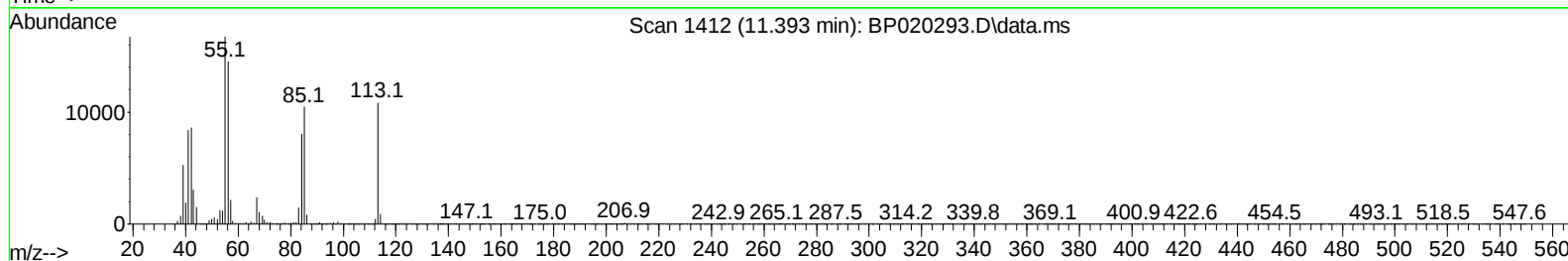
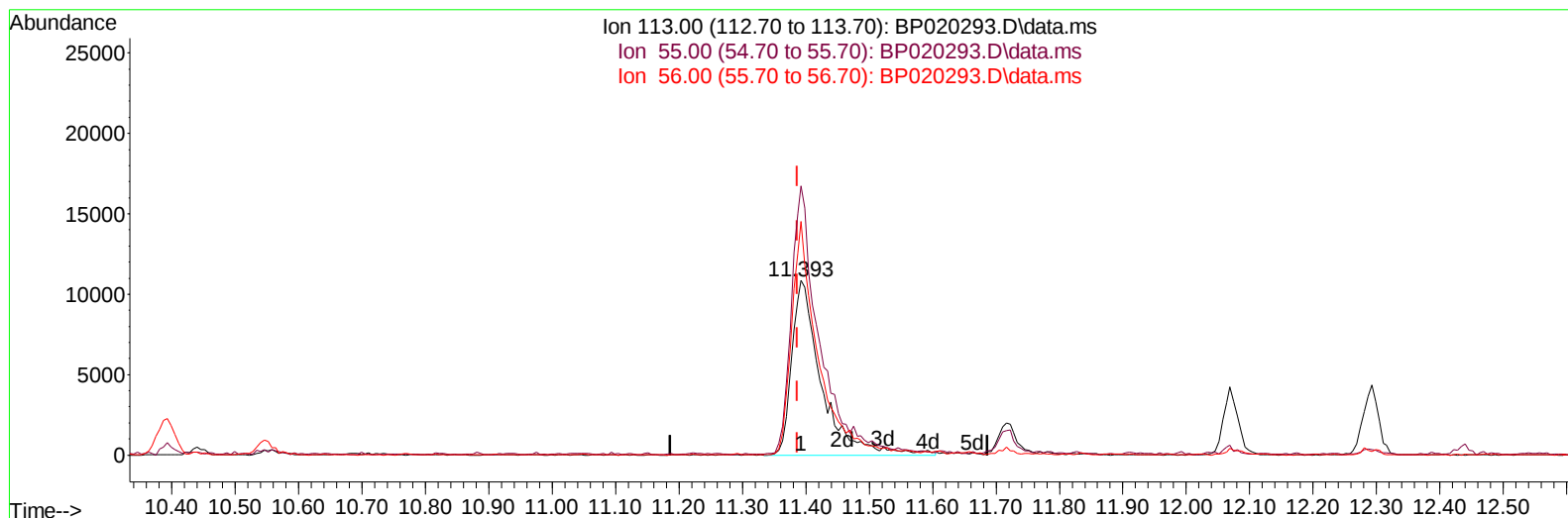
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020293.D
 Acq On : 10 May 2024 16:26
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 17:00:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
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Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024



TIC: BP020293.D\data.ms

(34) Caprolactam

11.393min (+ 0.006) 18.85 ng/ul m

response 35399

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	154.10
56.00	131.80	133.92
0.00	0.00	0.00

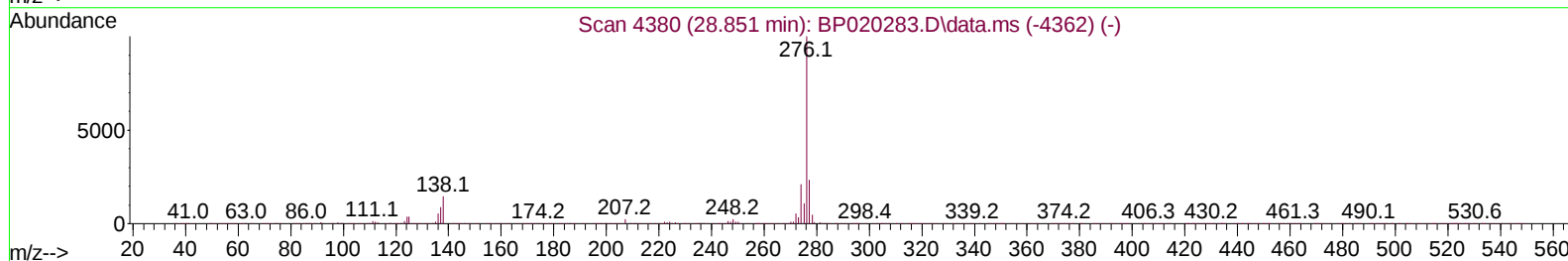
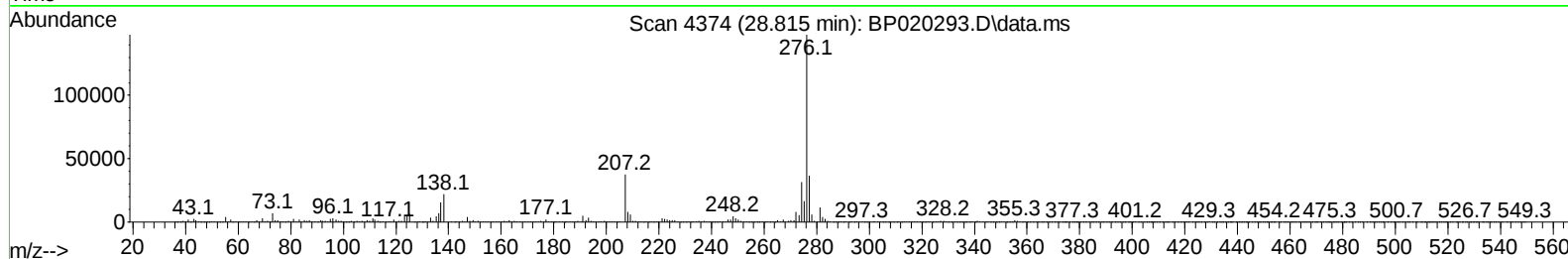
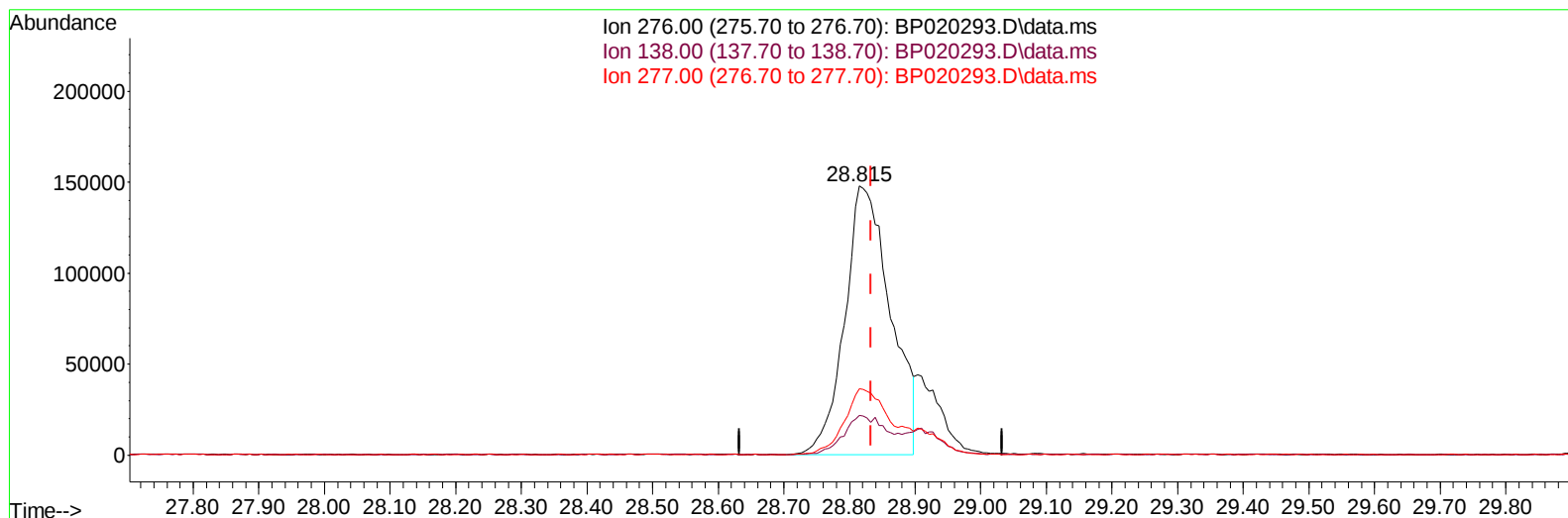
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020293.D
Acq On : 10 May 2024 16:26
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 17:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
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Supervised By :mohammad ahmed 05/14/2024



TIC: BP020293.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.815min (-0.018) 16.56 ng/u1

response 716825

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.82
277.00	23.70	24.64
0.00	0.00	0.00

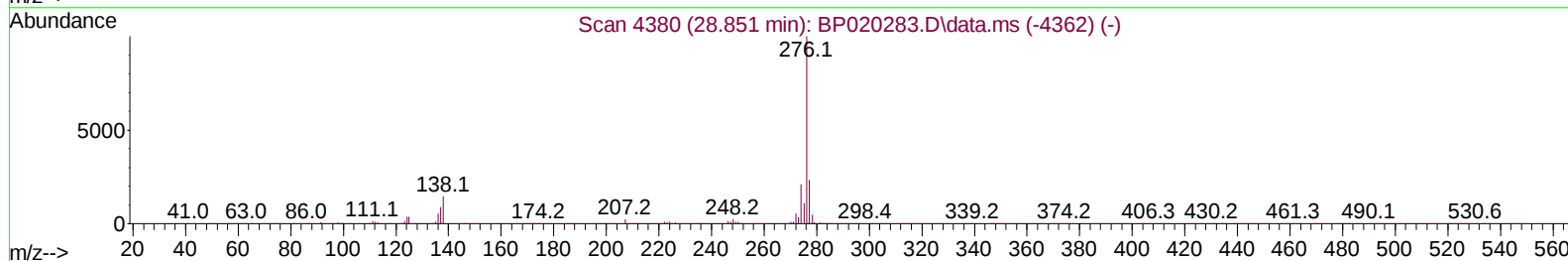
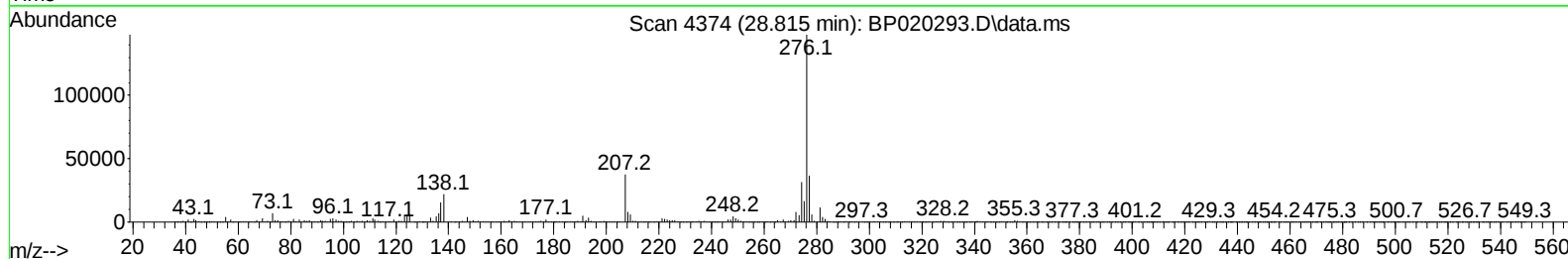
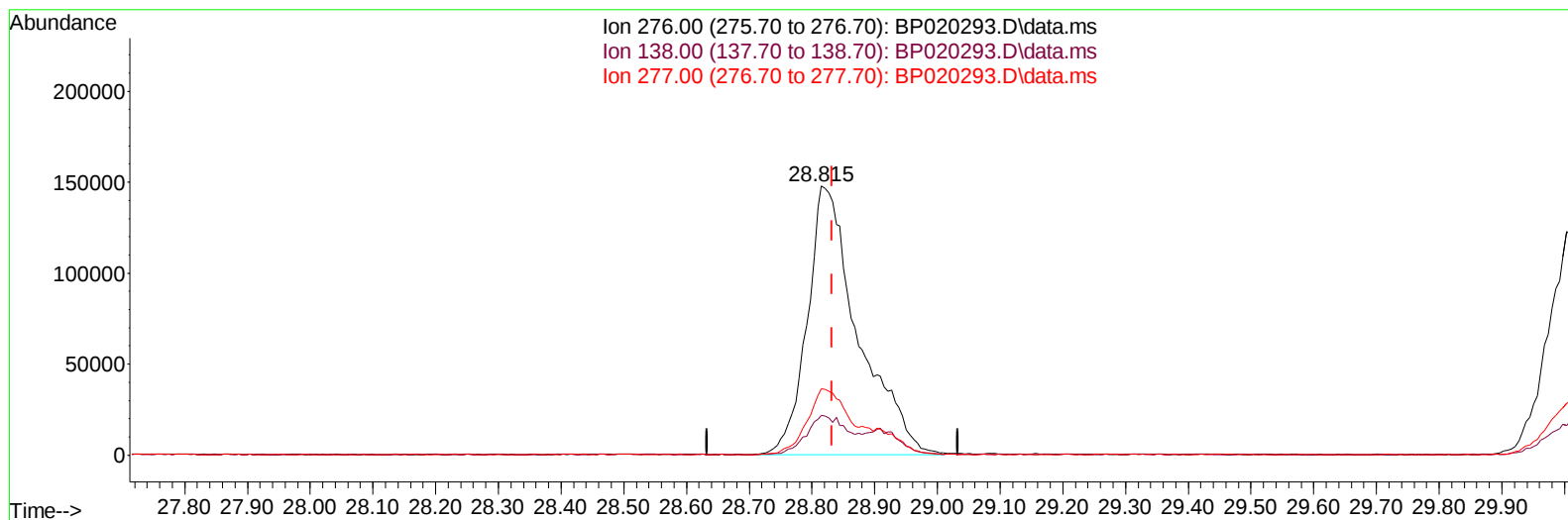
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020293.D
Acq On : 10 May 2024 16:26
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 17:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/13/2024
Supervised By :mohammad ahmed 05/14/2024



TIC: BP020293.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.815min (-0.018) 19.27 ng/ul m

response 833714

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.82
277.00	23.70	24.64
0.00	0.00	0.00

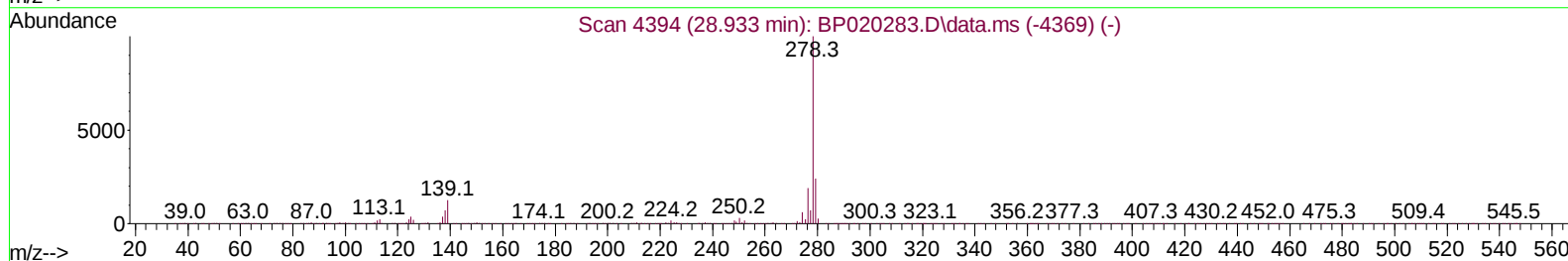
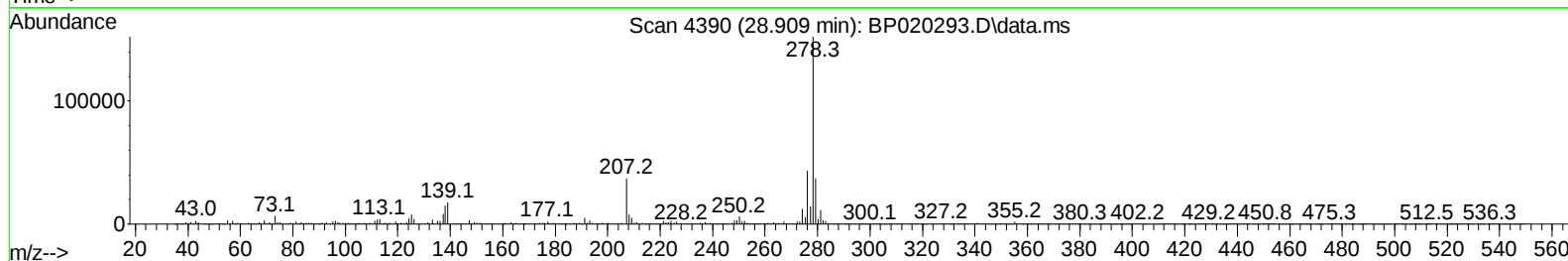
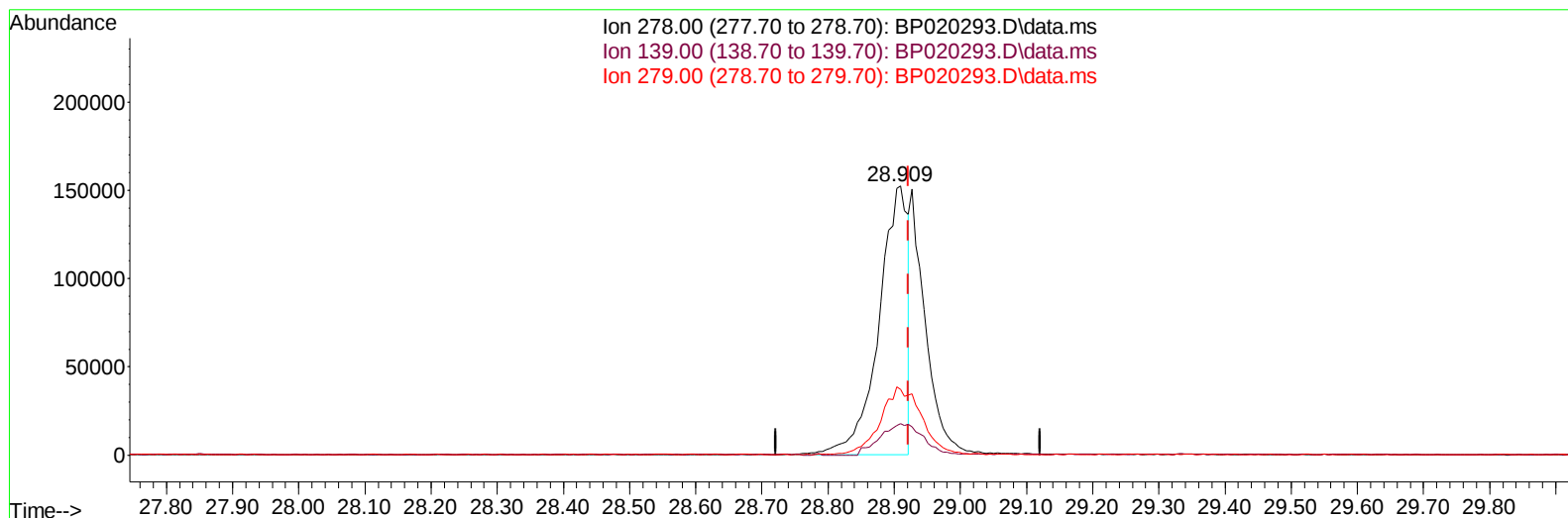
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020293.D
Acq On : 10 May 2024 16:26
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 17:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
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Reviewed By :Jagrut Upadhyay 05/13/2024
Supervised By :mohammad ahmed 05/14/2024



TIC: BP020293.D\data.ms

(95) Dibenzo(a,h)anthracene

28.909min (-0.012) 12.89 ng/u1

response 461329

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	11.68
279.00	24.10	24.34
0.00	0.00	0.00

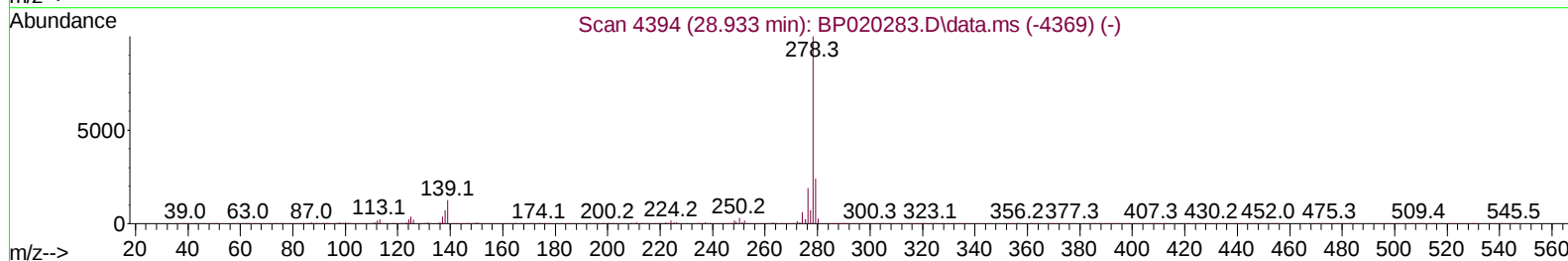
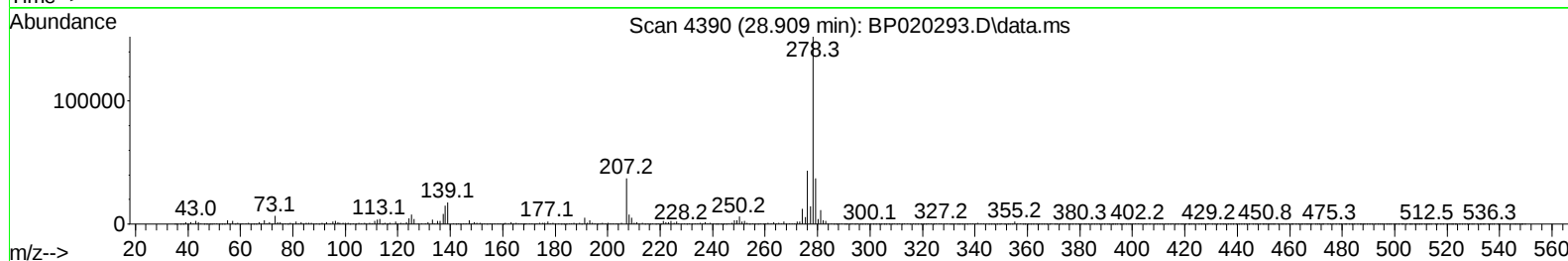
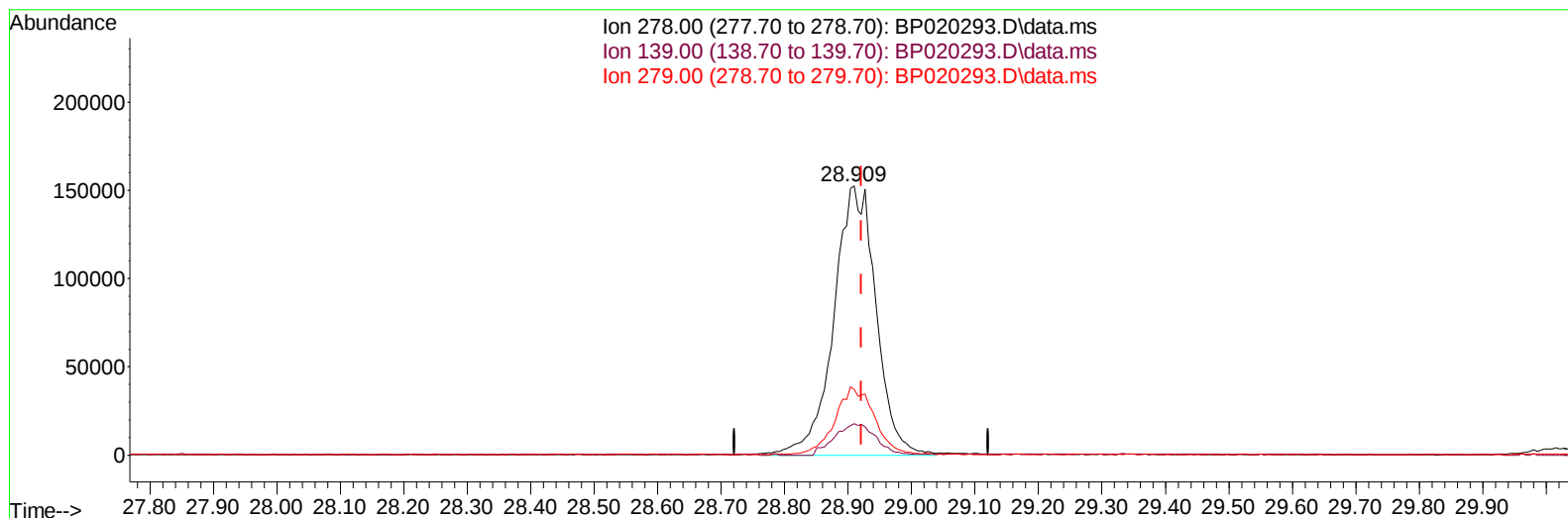
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020293.D
Acq On : 10 May 2024 16:26
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 17:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/13/2024
Supervised By :mohammad ahmed 05/14/2024



TIC: BP020293.D\data.ms

(95) Dibenzo(a,h)anthracene

28.909min (-0.012) 19.64 ng/ul m

response 703160

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	11.68
279.00	24.10	24.34
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020293.D
 Acq On : 10 May 2024 16:26
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 17:05:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	87786	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	353303	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	235621	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	520824	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	535105	20.000	ng/ul	0.00
88) Perylene-d12	25.004	264	623685	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	14638	7.042	ng/uL	0.00
4) Pyridine-d5	3.617	84	99820	16.527	ng/ul	0.00
7) Phenol-d5	6.811	99	133420	17.697	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	75775	16.546	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	103936	19.285	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	107133	17.577	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	52242	19.747	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	59056	19.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	109902	19.879	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	138778	17.935	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	318668	18.520	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	360495	18.966	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	40126	15.173	ng/ul	0.02
60) Fluorene-d10	15.322	176	277574	19.341	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	42947	12.995	ng/ul	0.00
73) Anthracene-d10	17.251	188	445428	19.769	ng/ul	0.00
81) Pyrene-d10	19.639	212	552508	17.664	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	577010	19.134	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	16939	7.182	ng/uL	92
5) Pyridine	3.640	79	101974	16.693	ng/ul	96
6) Benzaldehyde	6.793	77	73292	19.341	ng/ul	96
8) Phenol	6.834	94	135924	17.468	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.063	93	106379	17.471	ng/ul	96
12) 2-Chlorophenol	7.187	128	109113	19.391	ng/ul	95
13) 2-Methylphenol	8.063	108	101977	17.570	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	125712	16.551	ng/ul	100
16) Acetophenone	8.446	105	173952	17.196	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	90403	16.468	ng/ul	96
18) 4-Methylphenol	8.393	108	111425	17.662	ng/ul	96
19) Hexachloroethane	8.663	117	48316	18.777	ng/ul	98
22) Nitrobenzene	8.822	77	135083	17.786	ng/ul	97
23) Isophorone	9.334	82	250422	17.147	ng/ul	99
25) 2-Nitrophenol	9.522	139	62721	19.986	ng/ul	91
26) 2,4-Dimethylphenol	9.581	107	126349	18.454	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.822	93	141172	17.437	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	107285	19.950	ng/ul	98
30) Naphthalene	10.440	128	343162	18.844	ng/ul	98
32) 4-Chloroaniline	10.575	127	136326	18.017	ng/ul	98
33) Hexachlorobutadiene	10.704	225	83038	19.880	ng/ul	96
34) Caprolactam	11.393	113	35399m	18.852	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	122751	18.333	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020293.D
 Acq On : 10 May 2024 16:26
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 10 17:05:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	235037	18.550	ng/ul	98
37) 1-Methylnaphthalene	12.293	142	233662	18.326	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	148168	20.163	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	56410	14.115	ng/ul	92
41) 2,4,6-Trichlorophenol	12.704	196	91441	19.843	ng/ul	92
42) 2,4,5-Trichlorophenol	12.787	196	98794	19.923	ng/ul	96
43) 1,1'-Biphenyl	13.104	154	306441	18.388	ng/ul	97
44) 2-Chloronaphthalene	13.145	162	255603	19.329	ng/ul	98
45) 2-Nitroaniline	13.393	65	80205	18.285	ng/ul	95
47) Dimethylphthalate	13.763	163	315400	18.147	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	67554	19.552	ng/ul	95
50) Acenaphthylene	14.016	152	406242	19.002	ng/ul	99
51) 3-Nitroaniline	14.240	138	64930	20.149	ng/ul	97
52) Acenaphthene	14.363	153	273335	19.025	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	24585	11.593	ng/ul	95
55) 4-Nitrophenol	14.587	109	54980	19.969	ng/ul	94
56) Dibenzofuran	14.710	168	383348	19.401	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	100862	20.304	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.951	232	91750	20.605	ng/ul	93
59) Diethylphthalate	15.163	149	316718	18.256	ng/ul	99
61) Fluorene	15.381	166	316112	19.254	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.387	204	170487	19.574	ng/ul	92
63) 4-Nitroaniline	15.439	138	64076	23.860	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.498	198	42369	12.294	ng/ul	96
67) N-Nitrosodiphenylamine	15.616	169	267236	18.428	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	108547	19.241	ng/ul	98
69) Hexachlorobenzene	16.410	284	130101	19.911	ng/ul	98
70) Atrazine	16.616	200	94328	18.344	ng/ul	99
71) Pentachlorophenol	16.786	266	74896	18.964	ng/ul	100
72) Phenanthrene	17.186	178	515316	19.392	ng/ul	98
74) Anthracene	17.286	178	528903	19.569	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	144691	18.692	ng/uL	97
76) Pentachlorobenzene	14.622	250	147322	19.019	ng/uL	95
77) Carbazole	17.581	167	462188	19.851	ng/ul	99
78) Di-n-butylphthalate	18.175	149	560515	19.861	ng/ul	99
80) Fluoranthene	19.292	202	640503	17.400	ng/ul	99
82) Pyrene	19.669	202	663600	17.326	ng/ul	100
83) Butylbenzylphthalate	20.651	149	270350	18.594	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.551	252	192004	17.630	ng/ul	98
85) Benzo(a)anthracene	21.616	228	689146	18.988	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	384757	18.344	ng/ul	99
87) Chrysene	21.686	228	654381	19.453	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	715122	17.904	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	705702	19.021	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	693962	18.354	ng/ul	98
93) Benzo(a)pyrene	24.845	252	672111	19.039	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.815	276	833714m	19.266	ng/ul	
95) Dibenzo(a,h)anthracene	28.909	278	703160m	19.645	ng/ul	
96) Benzo(g,h,i)perylene	30.015	276	678850	19.450	ng/ul	99

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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