

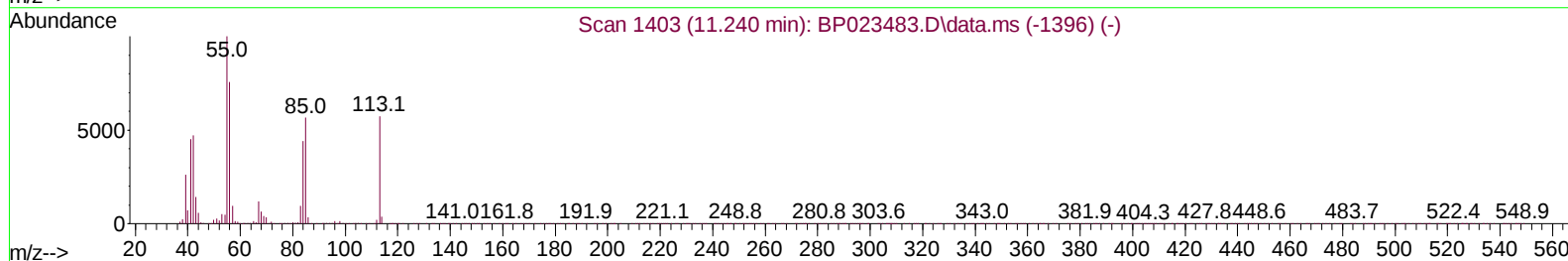
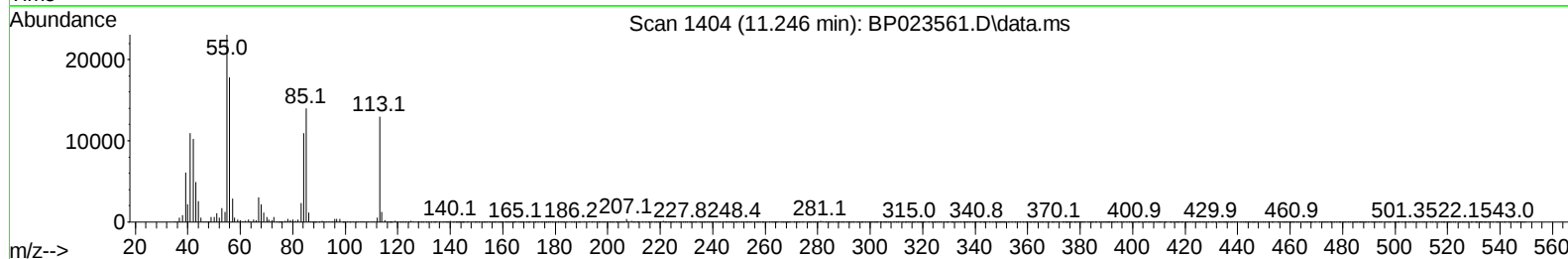
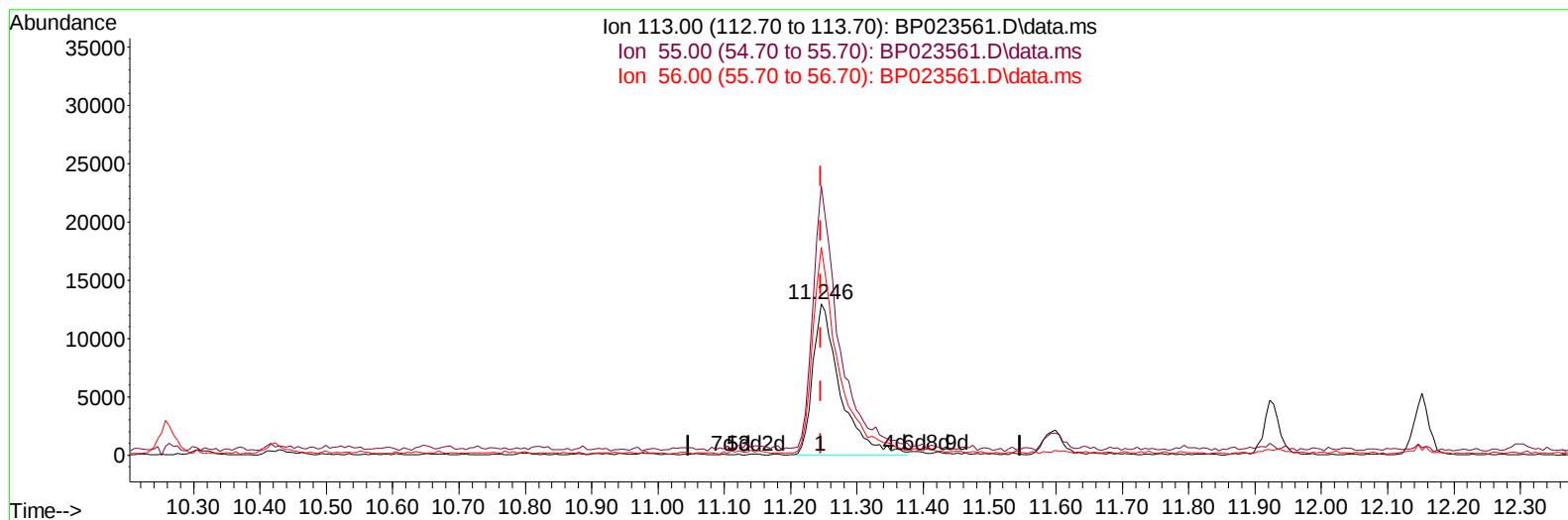
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023561.D
Acq On : 23 Dec 2024 13:40
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:36:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BP023561.D\data.ms

(34) Caprolactam

11.246min (0.000) 18.34 ng/ul m

response 37221

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	177.45
56.00	125.90	137.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
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 Acq On : 23 Dec 2024 13:40
 Operator : RC/JU
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

LabSampleId :

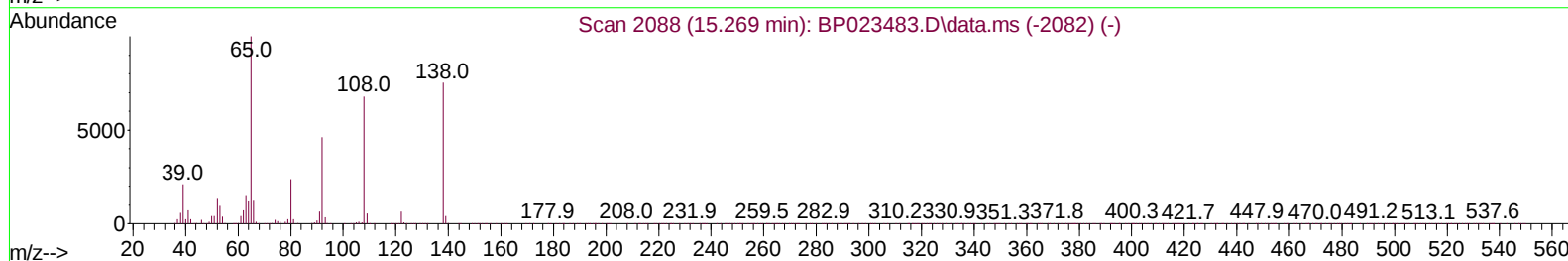
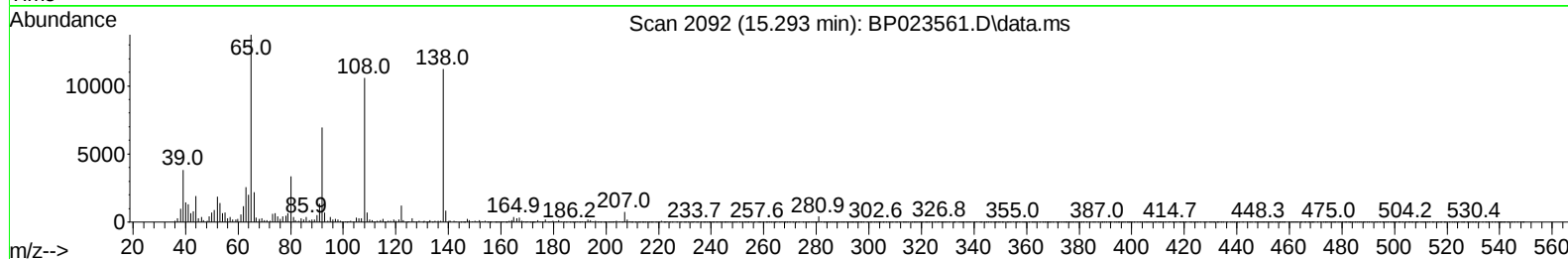
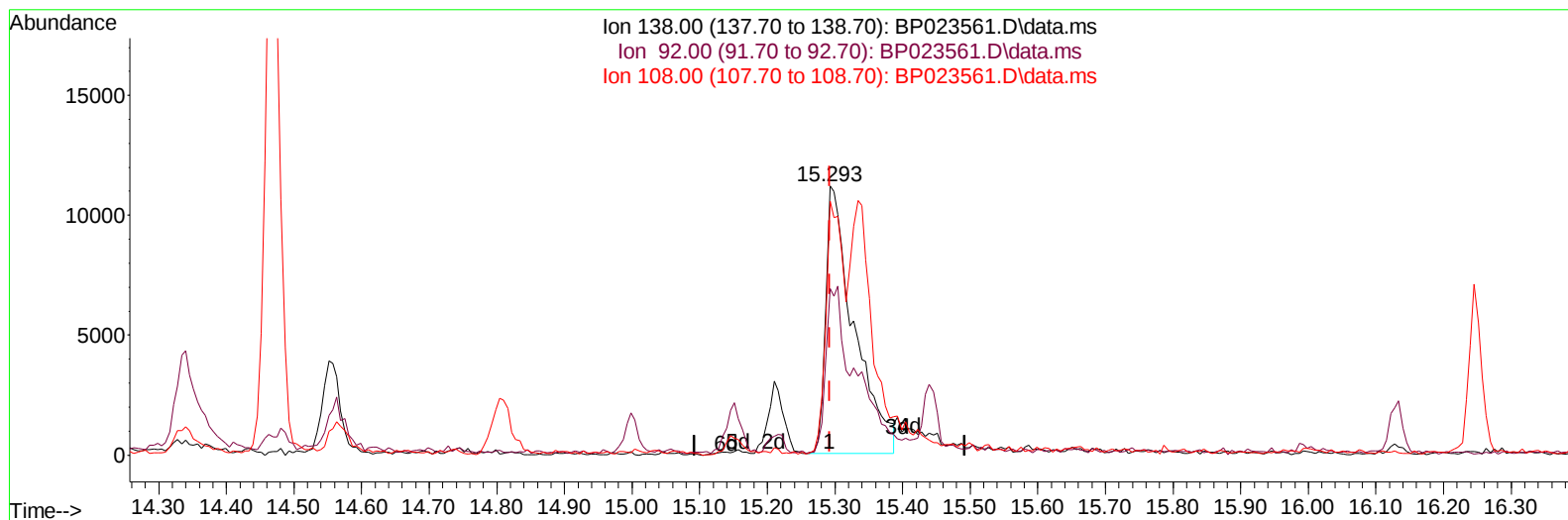
SSTDCCC020

Manual IntegrationsAPPROVED

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 QLast Update : Tue Dec 24 02:14:57 2024
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Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/30/2024



TIC: BP023561.D\data.ms

(63) 4-Nitroaniline**15.293min (0.000) 11.92 ng/ul****response 32438**

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	66.20	61.95
108.00	120.20	94.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023561.D
 Acq On : 23 Dec 2024 13:40
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

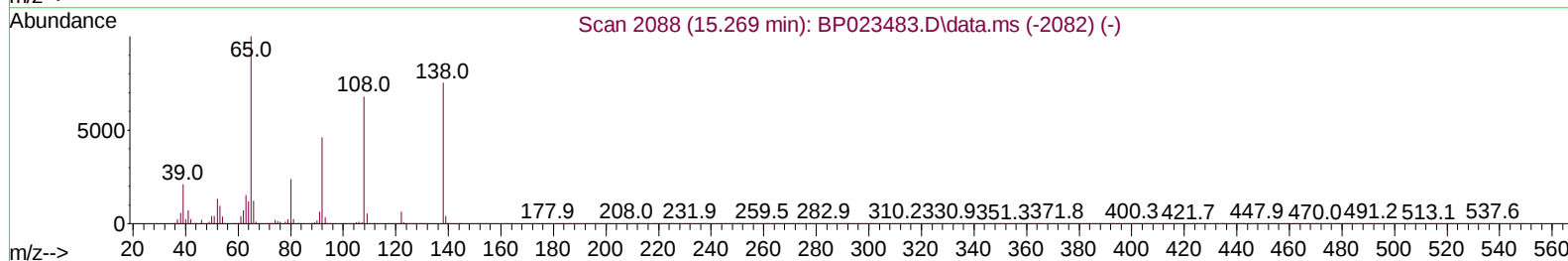
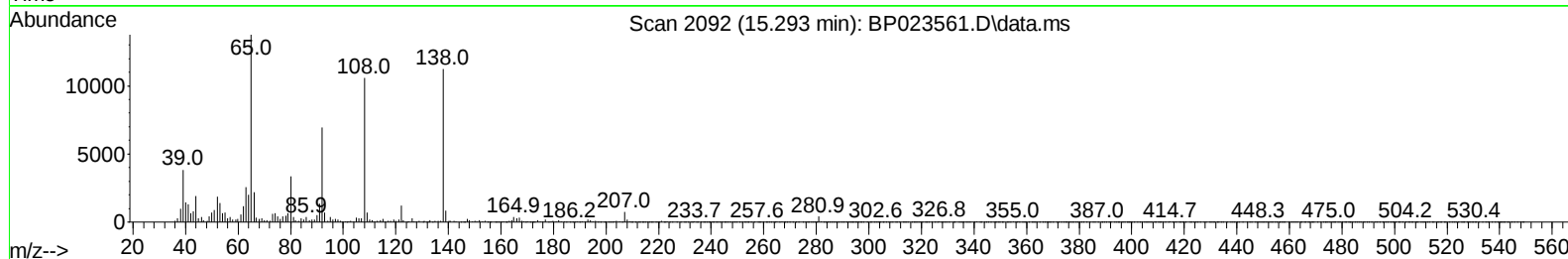
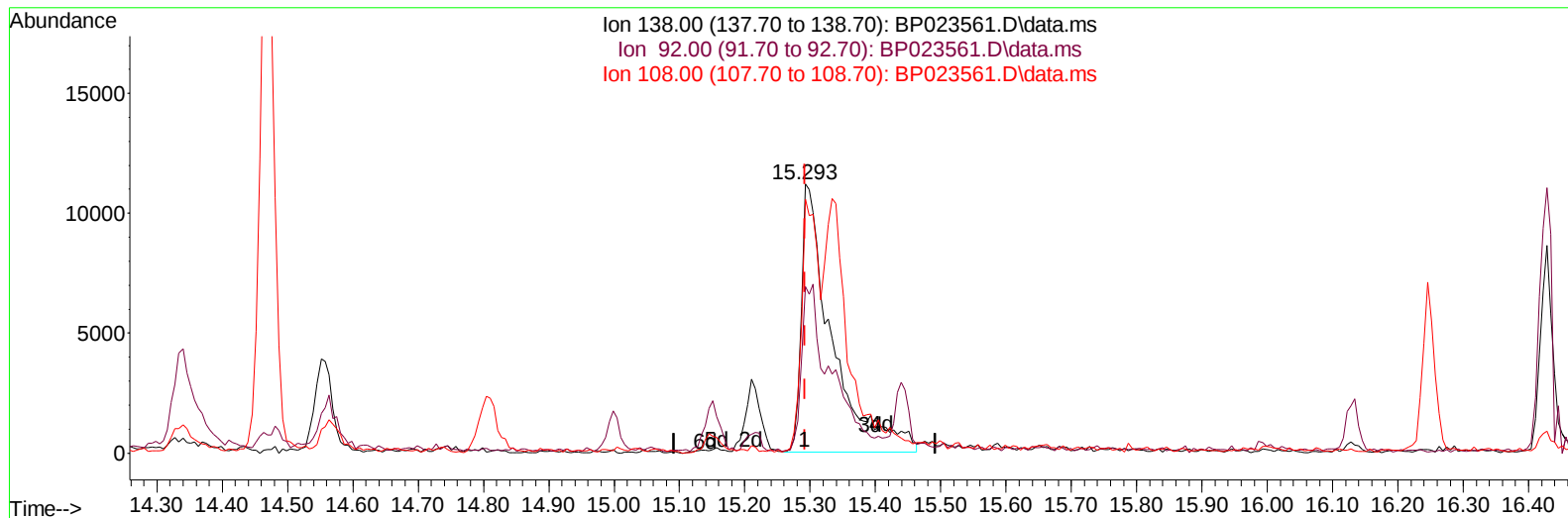
LabSampleId :

SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:36:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024



TIC: BP023561.D\data.ms

(63) 4-Nitroaniline

15.293min (0.000) 13.47 ng/ul m

response 36654

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	66.20	61.95
108.00	120.20	94.33#
0.00	0.00	0.00

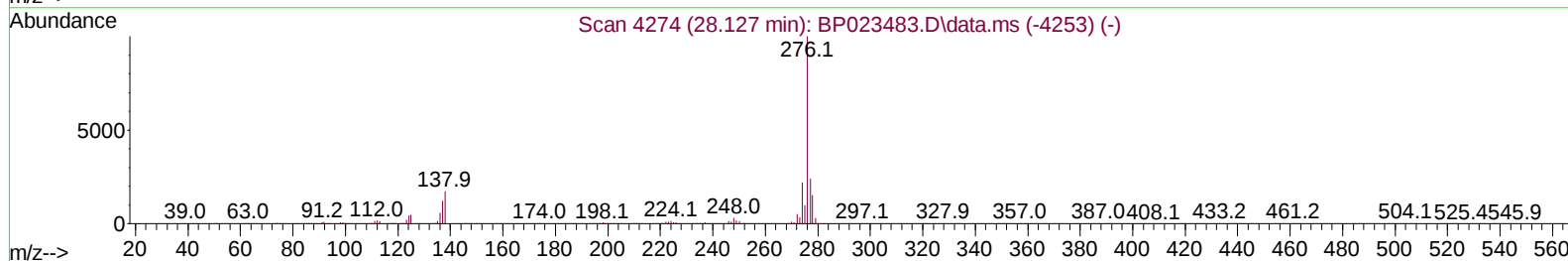
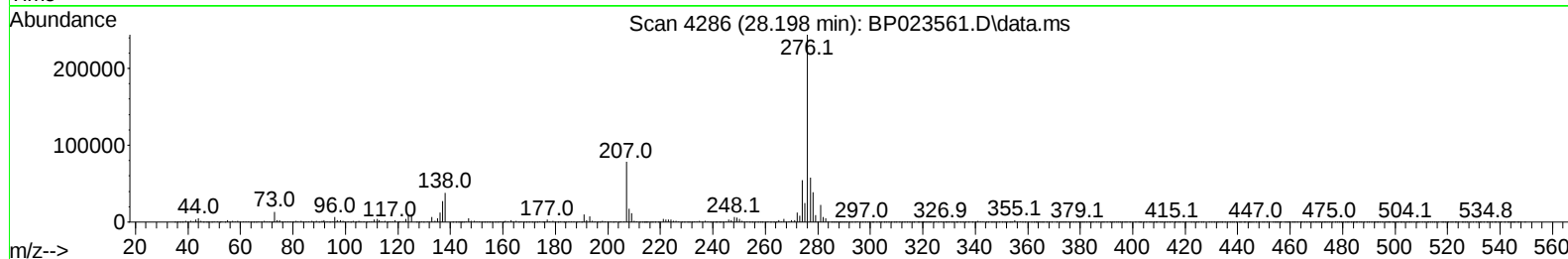
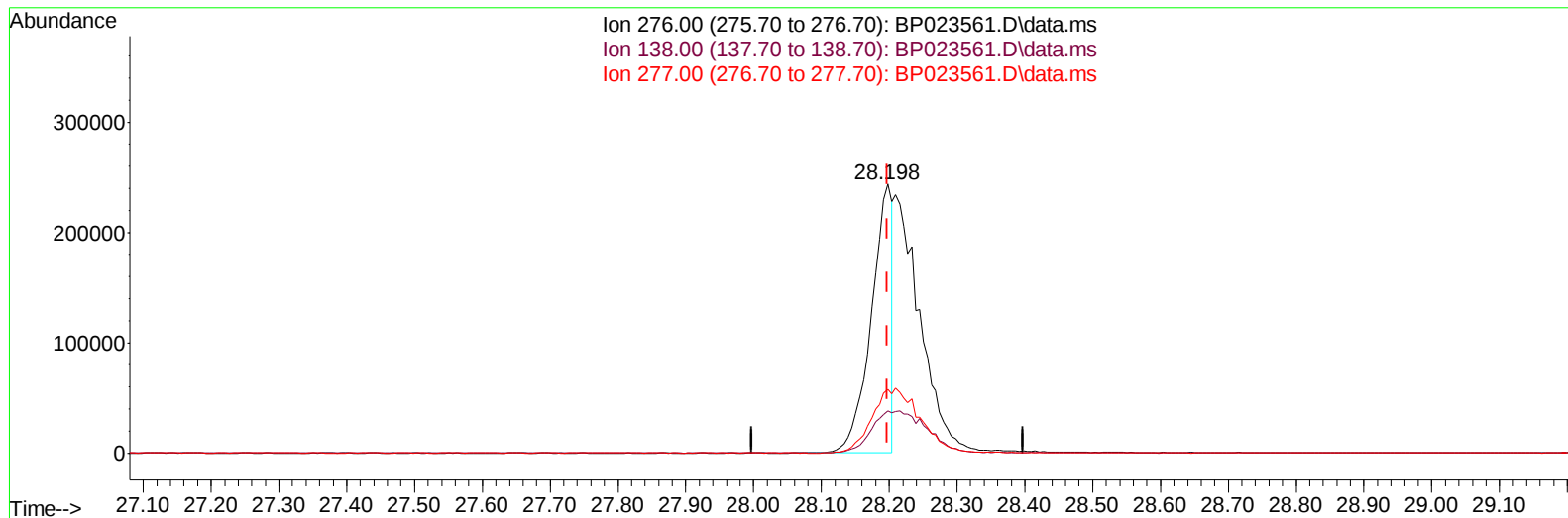
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023561.D
 Acq On : 23 Dec 2024 13:40
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:36:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
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 QLast Update : Tue Dec 24 02:14:57 2024
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Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024



TIC: BP023561.D\data.ms

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

28.198min (0.000) 10.15 ng/u1

response 525955

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	15.60#
277.00	24.80	23.78
0.00	0.00	0.00

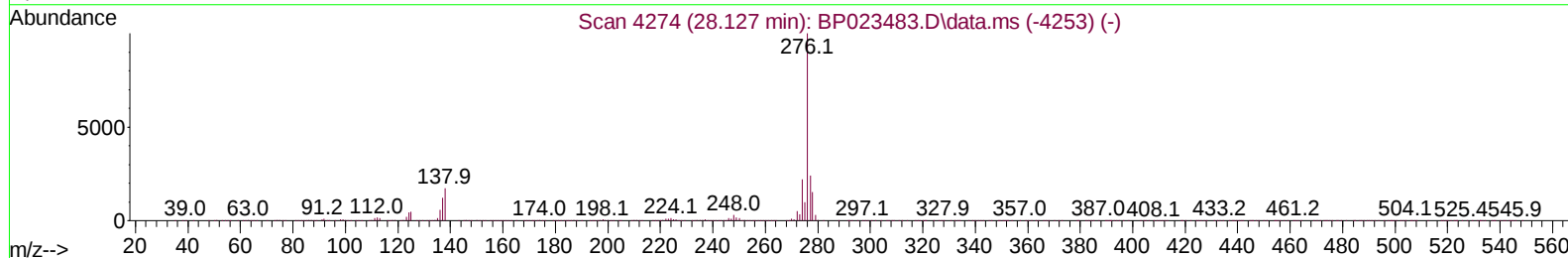
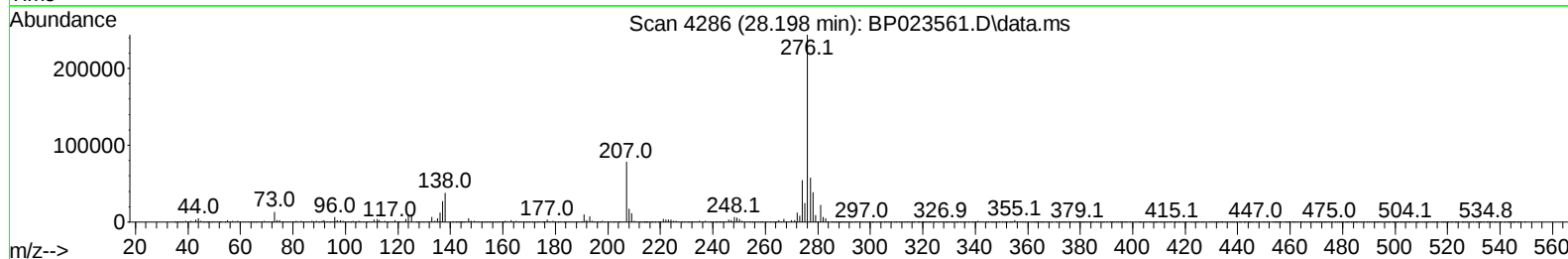
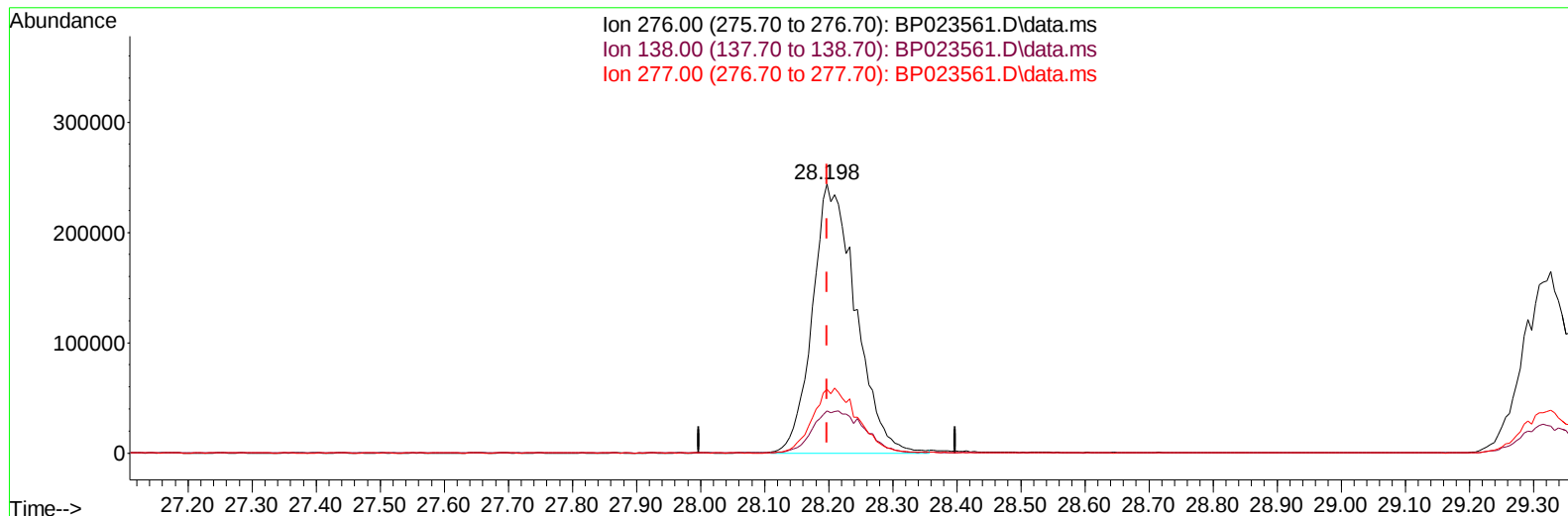
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023561.D
Acq On : 23 Dec 2024 13:40
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:36:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
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TIC: BP023561.D\data.ms

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

28.198min (0.000) 22.11 ng/ul m

response 1146431

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	15.60#
277.00	24.80	23.78
0.00	0.00	0.00

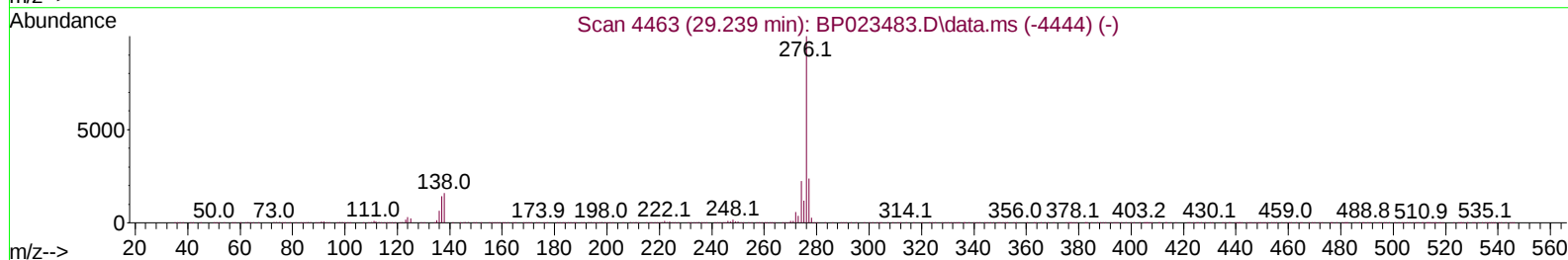
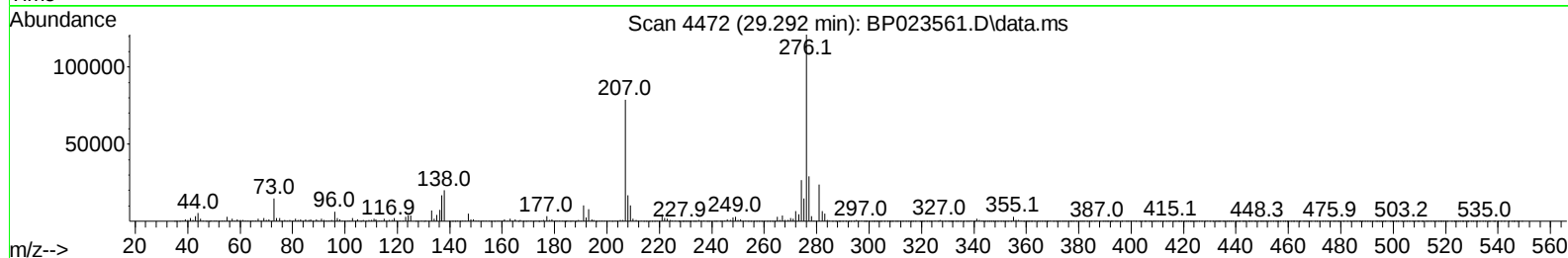
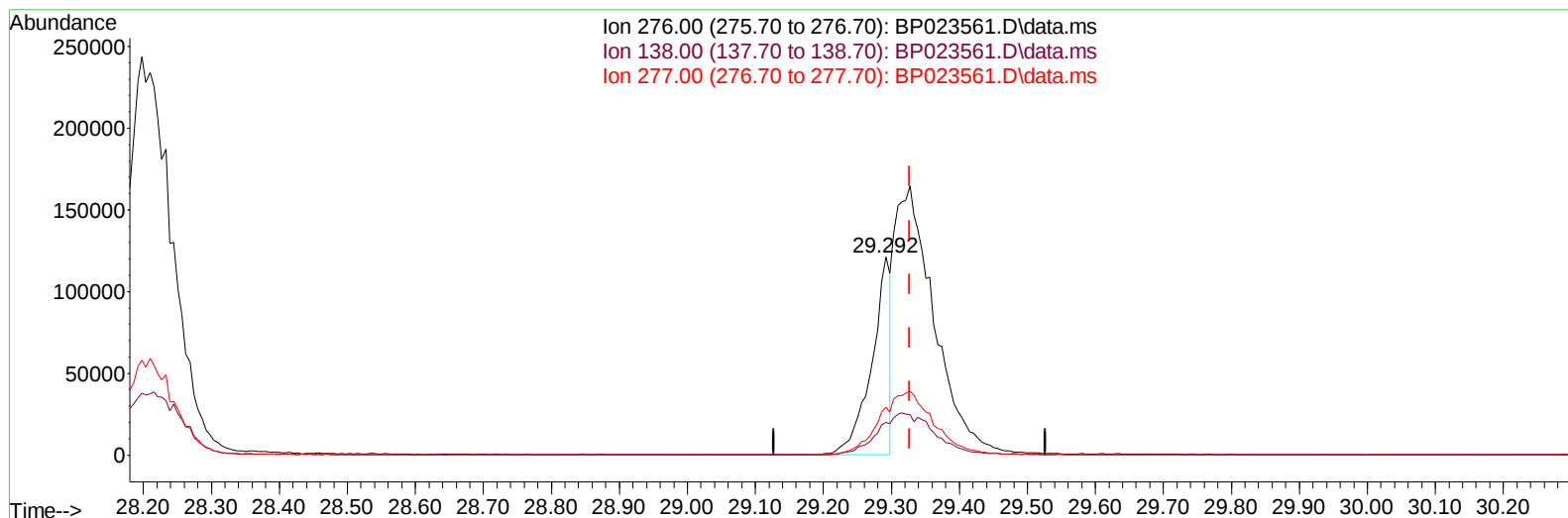
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Data File : BP023561.D
Acq On : 23 Dec 2024 13:40
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:36:11 2024
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QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BP023561.D\data.ms

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

29.292min (-0.035) 5.90 ng/u1

response 234281

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	16.53#
277.00	23.60	24.18
0.00	0.00	0.00

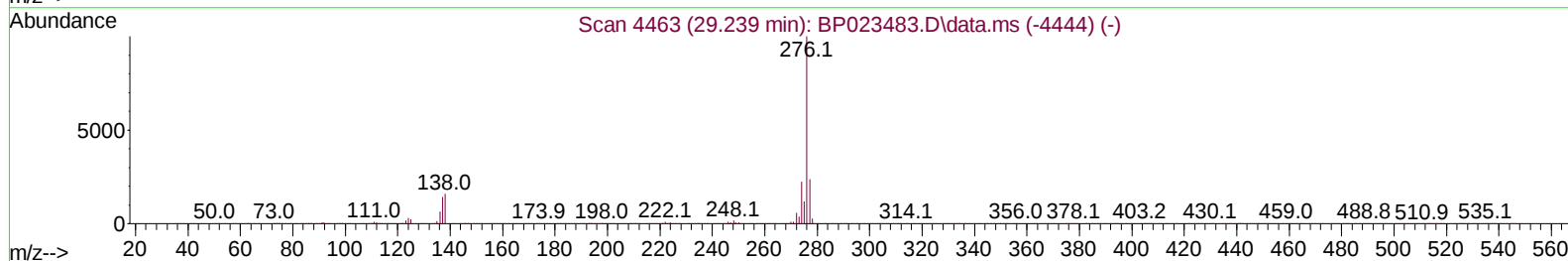
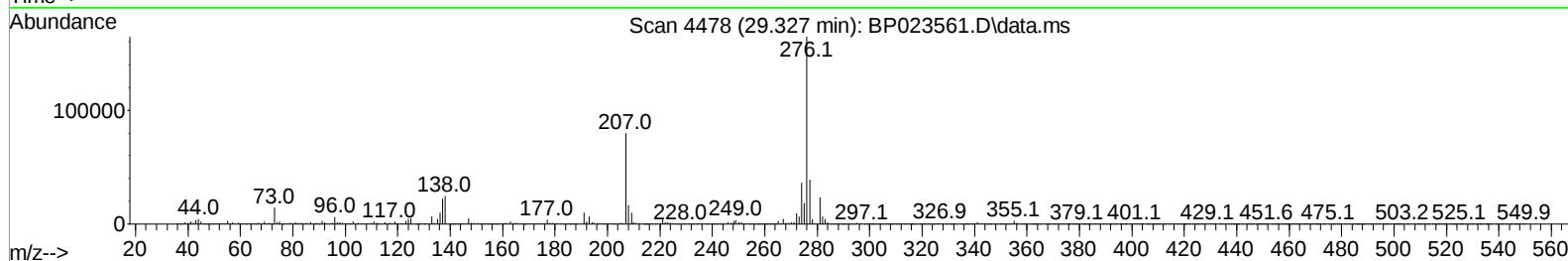
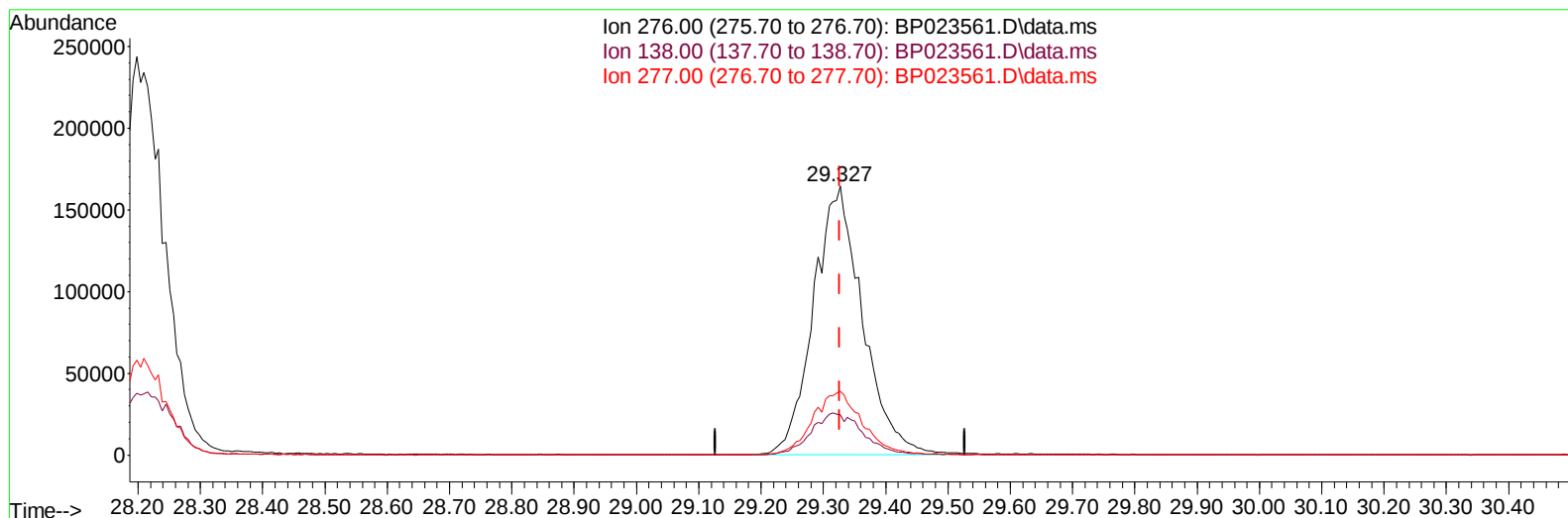
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
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 Acq On : 23 Dec 2024 13:40
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
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Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/30/2024



TIC: BP023561.D\data.ms

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

29.327min (0.000) 22.61 ng/ul m

response 897509

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	15.05#
277.00	23.60	23.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
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 Acq On : 23 Dec 2024 13:40
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 24 03:40:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.505	152	108566	20.000	ng/ul	0.00
20) Naphthalene-d8	10.258	136	386410	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.146	164	251912	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	510120	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.398	240	550166	20.000	ng/ul	# 0.00
88) Perylene-d12	24.598	264	708158	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	23945	8.120	ng/uL	0.00
4) Pyridine-d5	3.487	84	166289	21.930	ng/ul	0.00
7) Phenol-d5	6.722	99	180605	21.202	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.858	67	114154	21.241	ng/ul	0.00
11) 2-Chlorophenol-d4	7.058	132	131665	20.942	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	128664	18.715	ng/ul	0.00
21) Nitrobenzene-d5	8.658	128	60116	20.834	ng/ul	0.00
24) 2-Nitrophenol-d4	9.363	143	68981	20.743	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	133132	18.968	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	152183	19.355	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	363179	18.571	ng/ul	0.00
49) Acenaphthylene-d8	13.834	160	420110	20.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	64063	26.732	ng/ul	0.00
60) Fluorene-d10	15.151	176	322542	18.751	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.340	200	60243	19.541	ng/ul	0.00
73) Anthracene-d10	17.063	188	495138	21.268	ng/ul	0.00
81) Pyrene-d10	19.451	212	581547	20.232	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.369	264	735849	19.411	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.111	88	26996	8.274	ng/uL	98
5) Pyridine	3.505	79	172171	22.228	ng/ul#	90
6) Benzaldehyde	6.681	77	102138	20.973	ng/ul	96
8) Phenol	6.746	94	192594	21.717	ng/ul#	85
10) Bis(2-Chloroethyl)ether	6.946	93	150913	21.558	ng/ul	99
12) 2-Chlorophenol	7.087	128	137429	20.851	ng/ul	98
13) 2-Methylphenol	7.964	108	134087	20.388	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.011	45	177952	20.904	ng/ul	98
16) Acetophenone	8.322	105	216831	18.739	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.299	70	115479	18.315	ng/ul	94
18) 4-Methylphenol	8.299	108	141885	19.988	ng/ul	96
19) Hexachloroethane	8.552	117	62428	19.453	ng/ul	91
22) Nitrobenzene	8.699	77	174262	19.848	ng/ul	98
23) Isophorone	9.216	82	295988	19.033	ng/ul	98
25) 2-Nitrophenol	9.393	139	72428	20.389	ng/ul#	85
26) 2,4-Dimethylphenol	9.469	107	150543	19.138	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.687	93	181047	20.606	ng/ul	99
29) 2,4-Dichlorophenol	9.952	162	135719	19.511	ng/ul	98
30) Naphthalene	10.310	128	419991	20.762	ng/ul	99
32) 4-Chloroaniline	10.446	127	151853	19.917	ng/ul	99
33) Hexachlorobutadiene	10.581	225	107573	17.433	ng/ul	99
34) Caprolactam	11.246	113	37221m	18.338	ng/ul	
35) 4-Chloro-3-methylphenol	11.593	107	138223	18.300	ng/ul	96

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Instrument :
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 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 24 03:40:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.922	142	279945	18.662	ng/ul	98
37) 1-Methylnaphthalene	12.152	142	288830	18.895	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.304	216	181205	19.712	ng/ul	98
40) Hexachlorocyclopentadiene	12.263	237	97679	22.115	ng/ul	100
41) 2,4,6-Trichlorophenol	12.569	196	113471	20.858	ng/ul	98
42) 2,4,5-Trichlorophenol	12.663	196	118526	20.392	ng/ul	99
43) 1,1'-Biphenyl	12.951	154	379247	21.247	ng/ul	98
44) 2-Chloronaphthalene	12.999	162	306193	21.208	ng/ul	96
45) 2-Nitroaniline	13.246	65	84285	20.150	ng/ul	93
47) Dimethylphthalate	13.604	163	359865	18.681	ng/ul	98
48) 2,6-Dinitrotoluene	13.734	165	70064	18.982	ng/ul	95
50) Acenaphthylene	13.869	152	436817	20.795	ng/ul	100
51) 3-Nitroaniline	14.098	138	45394	14.673	ng/ul	95
52) Acenaphthene	14.210	153	307840	20.050	ng/ul	99
53) 2,4-Dinitrophenol	14.340	184	37772	15.869	ng/ul	86
55) 4-Nitrophenol	14.475	109	45581	14.118	ng/ul	96
56) Dibenzofuran	14.551	168	453157	19.434	ng/ul	94
57) 2,4-Dinitrotoluene	14.563	165	102727	17.271	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.804	232	97888	16.964	ng/ul#	97
59) Diethylphthalate	14.998	149	337331	17.558	ng/ul	100
61) Fluorene	15.210	166	359635	18.942	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.216	204	190686	17.316	ng/ul	99
63) 4-Nitroaniline	15.293	138	36654m	13.471	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.351	198	66181	20.236	ng/ul#	94
67) N-Nitrosodiphenylamine	15.440	169	295489	22.683	ng/ul	100
68) 4-Bromophenyl-phenylether	16.134	248	117054	19.438	ng/ul	97
69) Hexachlorobenzene	16.245	284	135043	18.305	ng/ul	96
70) Atrazine	16.428	200	110618	19.515	ng/ul	98
71) Pentachlorophenol	16.628	266	75974	17.643	ng/ul	99
72) Phenanthrene	17.004	178	570985	21.651	ng/ul	99
74) Anthracene	17.104	178	574291	21.778	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	180737	24.580	ng/uL	97
76) Pentachlorobenzene	14.469	250	171919	21.212	ng/uL	99
77) Carbazole	17.404	167	490069	22.811	ng/ul	99
78) Di-n-butylphthalate	17.957	149	527430	19.980	ng/ul	98
80) Fluoranthene	19.098	202	676903	20.552	ng/ul#	93
82) Pyrene	19.481	202	744797	21.310	ng/ul#	92
83) Butylbenzylphthalate	20.433	149	244954	20.236	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.310	252	193594	15.335	ng/ul#	99
85) Benzo(a)anthracene	21.380	228	747281	20.255	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	331751	19.084	ng/ul	99
87) Chrysene	21.445	228	699633	19.789	ng/ul	100
89) Di-n-octyl phthalate	22.510	149	593768	17.168	ng/ul	100
90) Benzo(b)fluoranthene	23.586	252	847721	19.053	ng/ul#	98
91) Benzo(k)fluoranthene	23.645	252	833273	18.823	ng/ul#	98
93) Benzo(a)pyrene	24.439	252	803848	19.926	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.198	276	1146431m	22.114	ng/ul	
95) Dibenzo(a,h)anthracene	28.245	278	901432	21.727	ng/ul#	97
96) Benzo(g,h,i)perylene	29.327	276	897509m	22.612	ng/ul	

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/30/2024

