

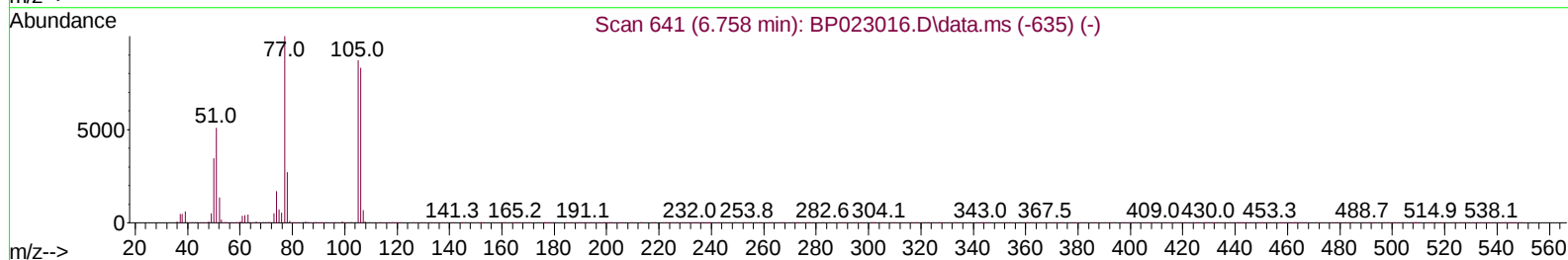
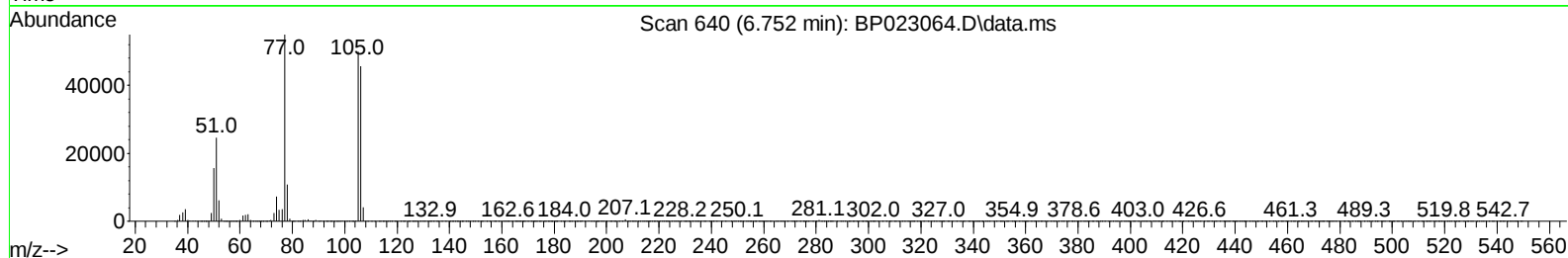
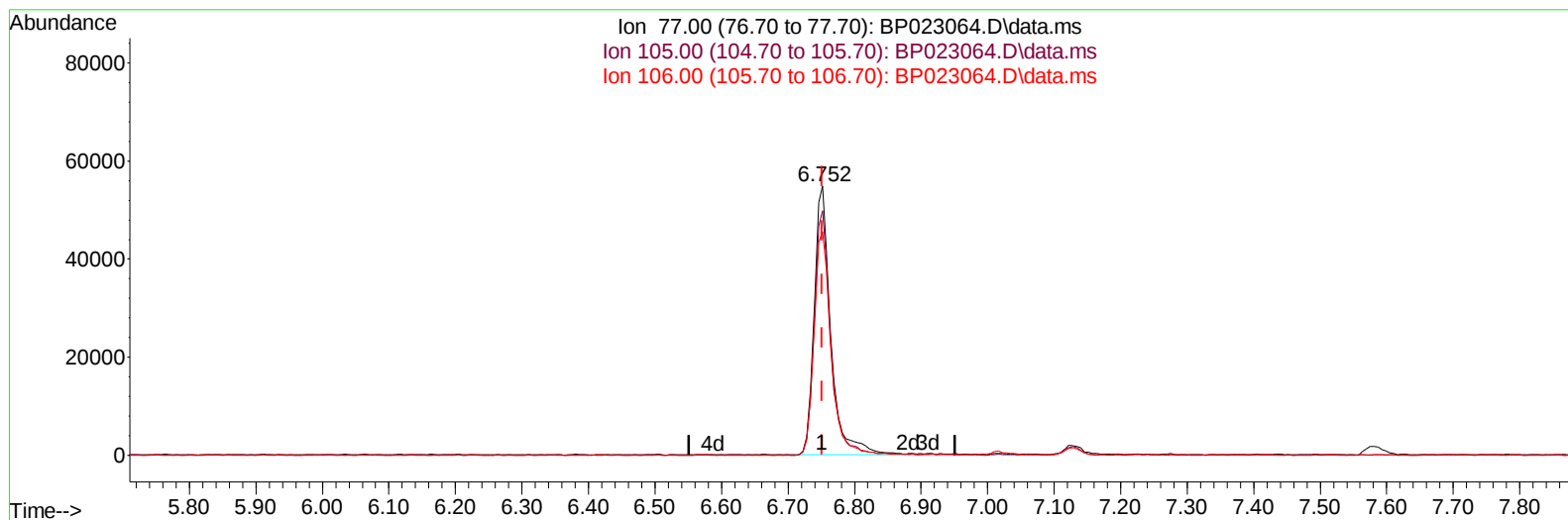
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
Data File : BP023064.D
Acq On : 13 Nov 2024 03:22
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 13 04:51:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BP023064.D\data.ms

(6) Benzaldehyde

6.752min (0.000) 26.71 ng/u1

response 95473

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.60	91.01
106.00	81.90	83.06
0.00	0.00	0.00

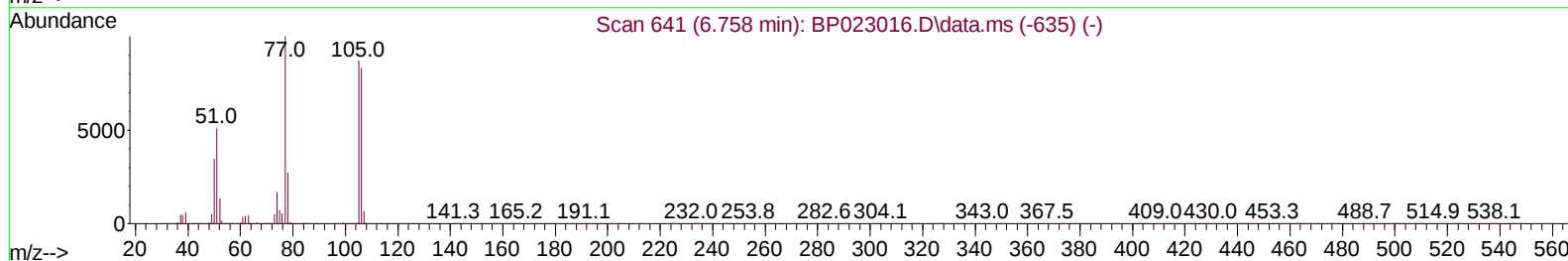
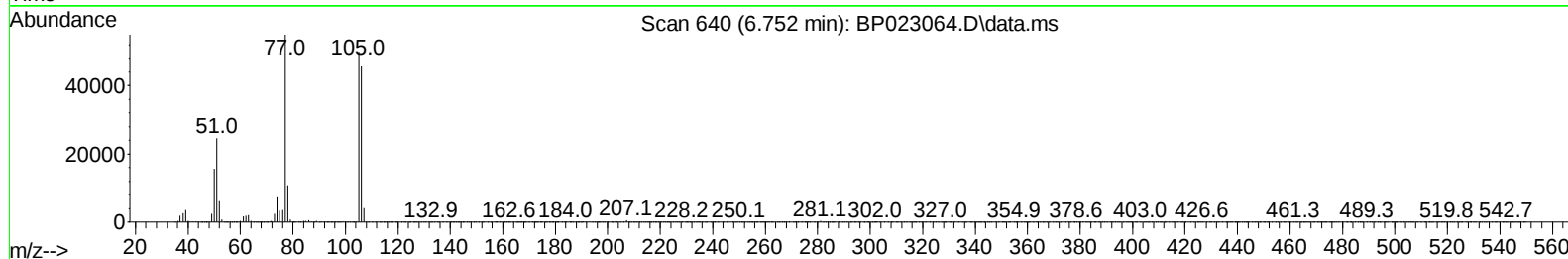
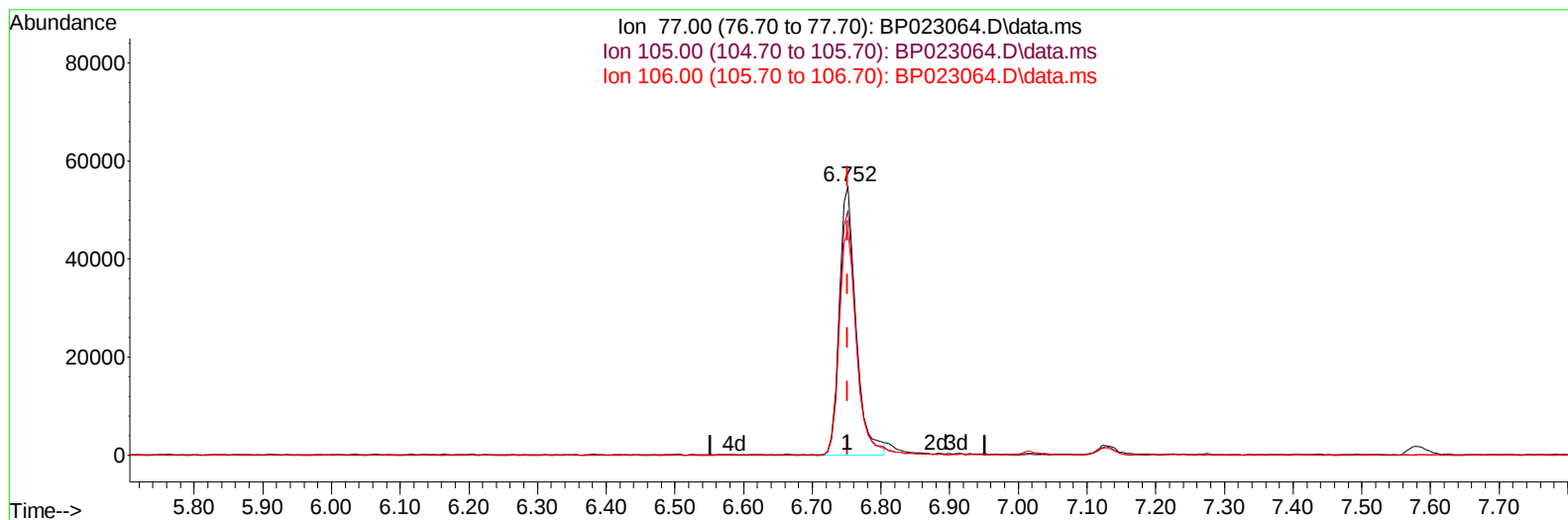
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023064.D
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TIC: BP023064.D\data.ms

(6) Benzaldehyde

6.752min (0.000) 25.98 ng/ul m

response 92881

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.60	91.01
106.00	81.90	83.06
0.00	0.00	0.00

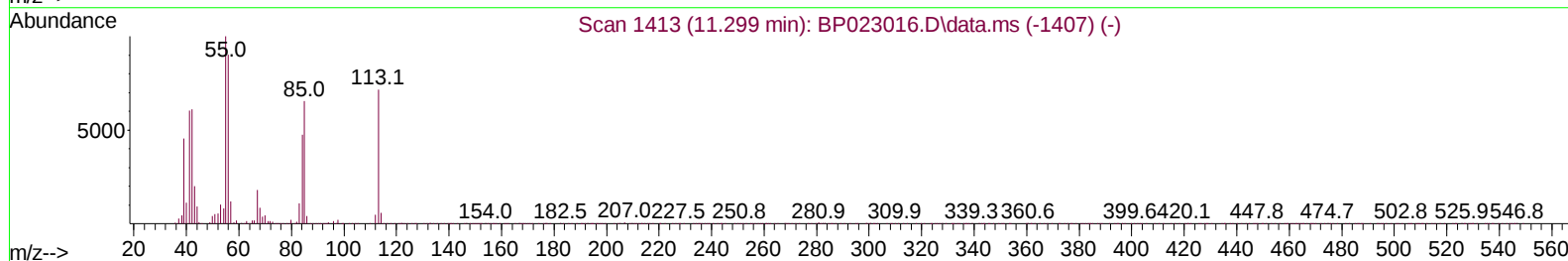
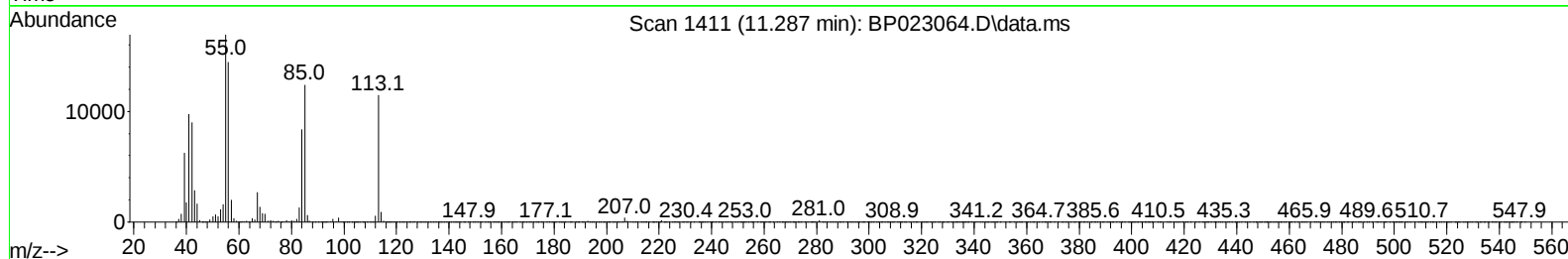
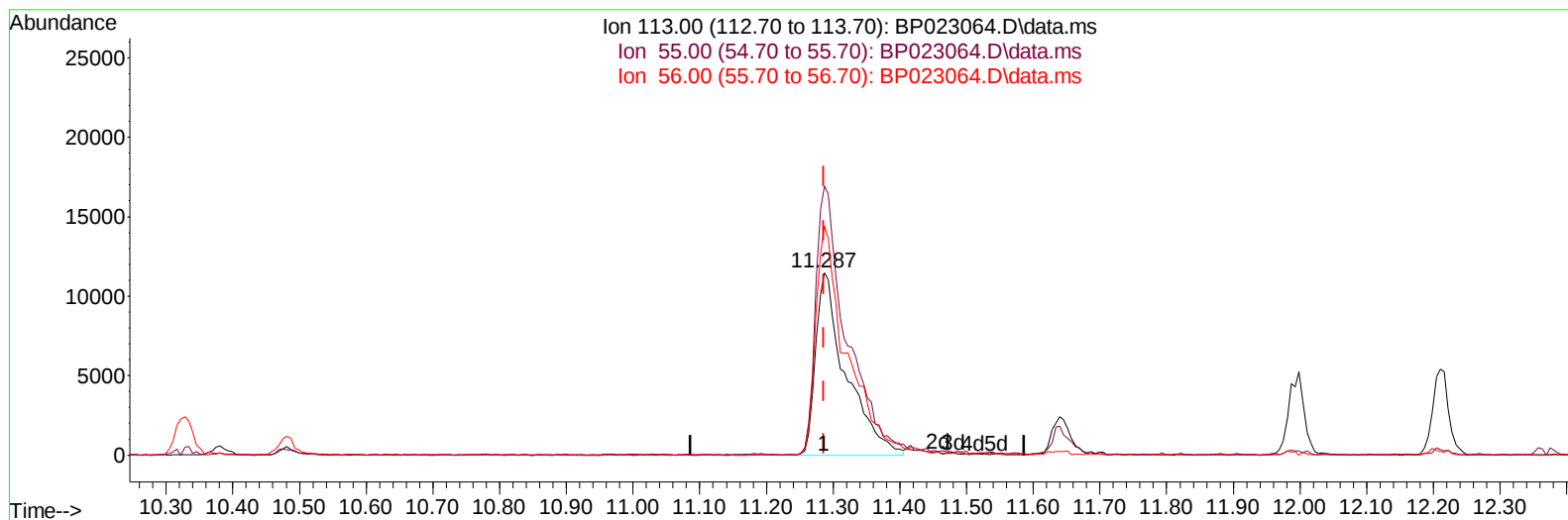
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Data File : BP023064.D
Acq On : 13 Nov 2024 03:22
Operator : RC/JU
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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TIC: BP023064.D\data.ms

(34) Caprolactam

11.287min (0.000) 21.19 ng/ul

response 36075

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	147.36
56.00	124.80	125.65
0.00	0.00	0.00

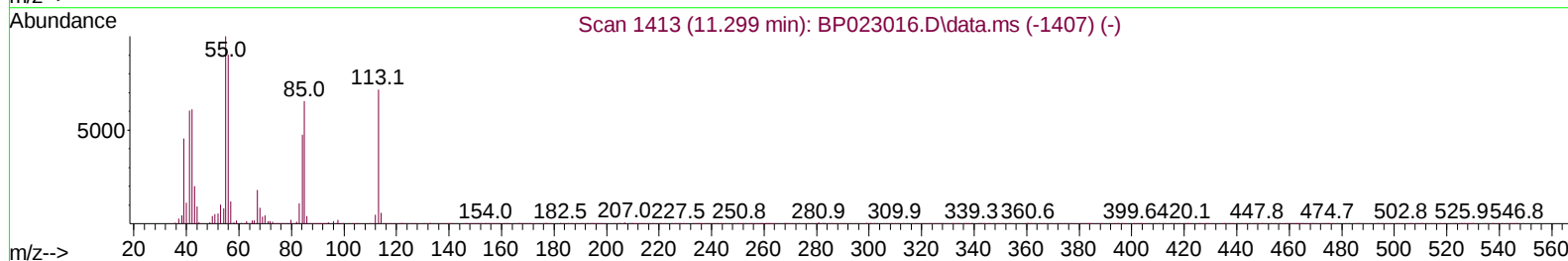
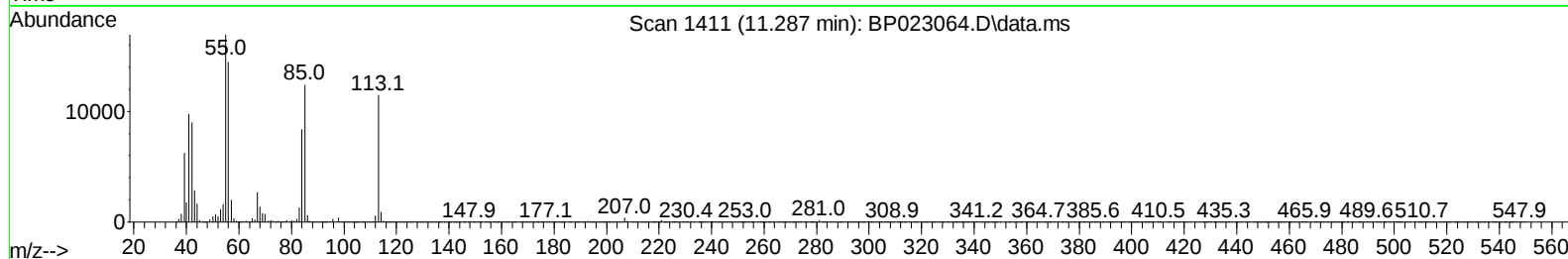
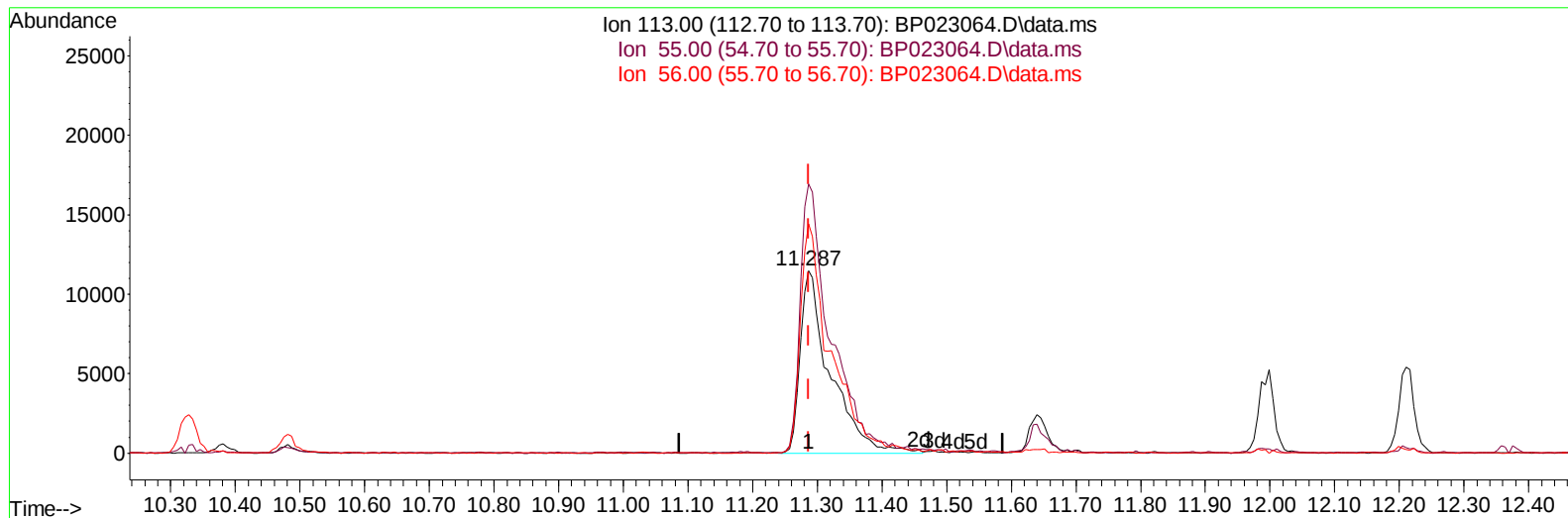
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Data File : BP023064.D
Acq On : 13 Nov 2024 03:22
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 13 04:51:20 2024
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TIC: BP023064.D\data.ms

(34) Caprolactam

11.287min (0.000) 21.69 ng/ul m

response 36922

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	147.36
56.00	124.80	125.65
0.00	0.00	0.00

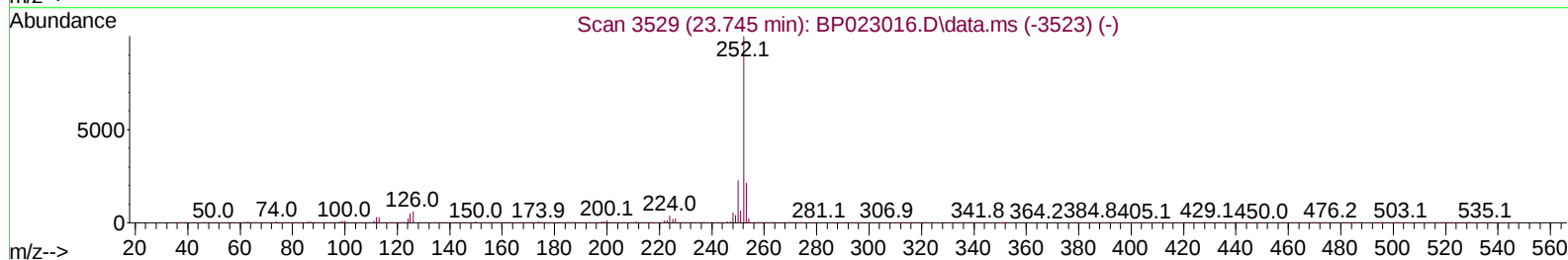
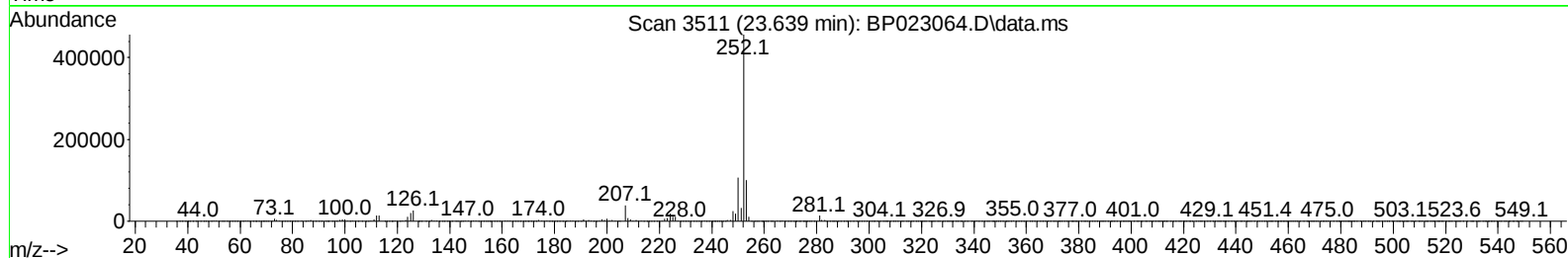
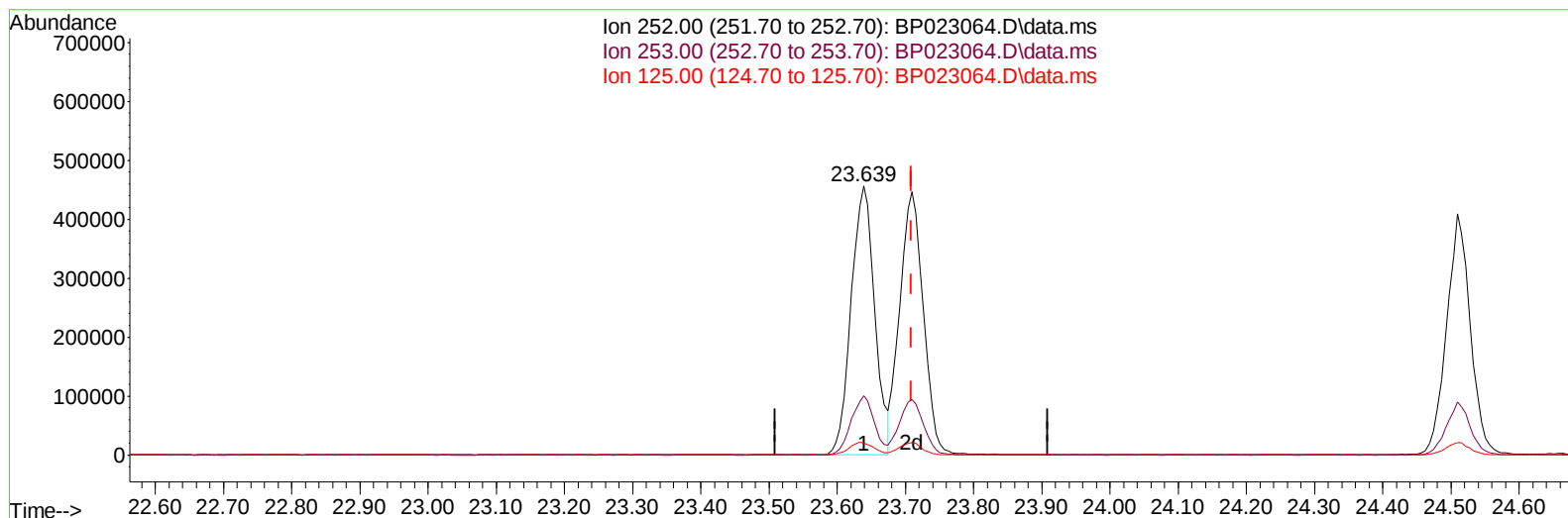
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
Data File : BP023064.D
Acq On : 13 Nov 2024 03:22
Operator : RC/JU
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP023064.D\data.ms

(91) Benzo(k)fluoranthene

23.639min (-0.071) 22.60 ng/u1

response 1099699

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.03
125.00	3.70	4.30
0.00	0.00	0.00

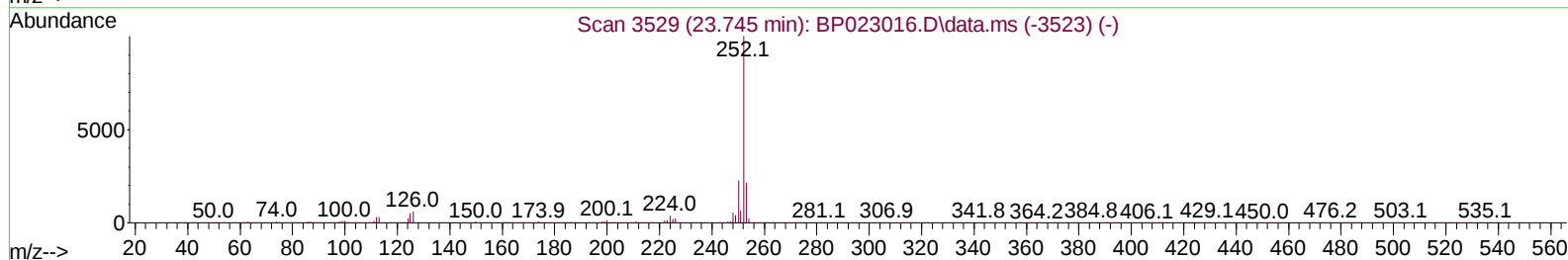
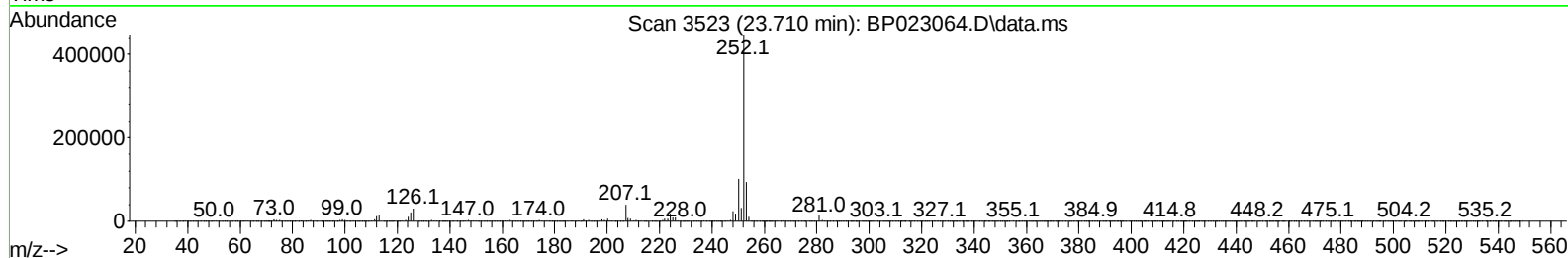
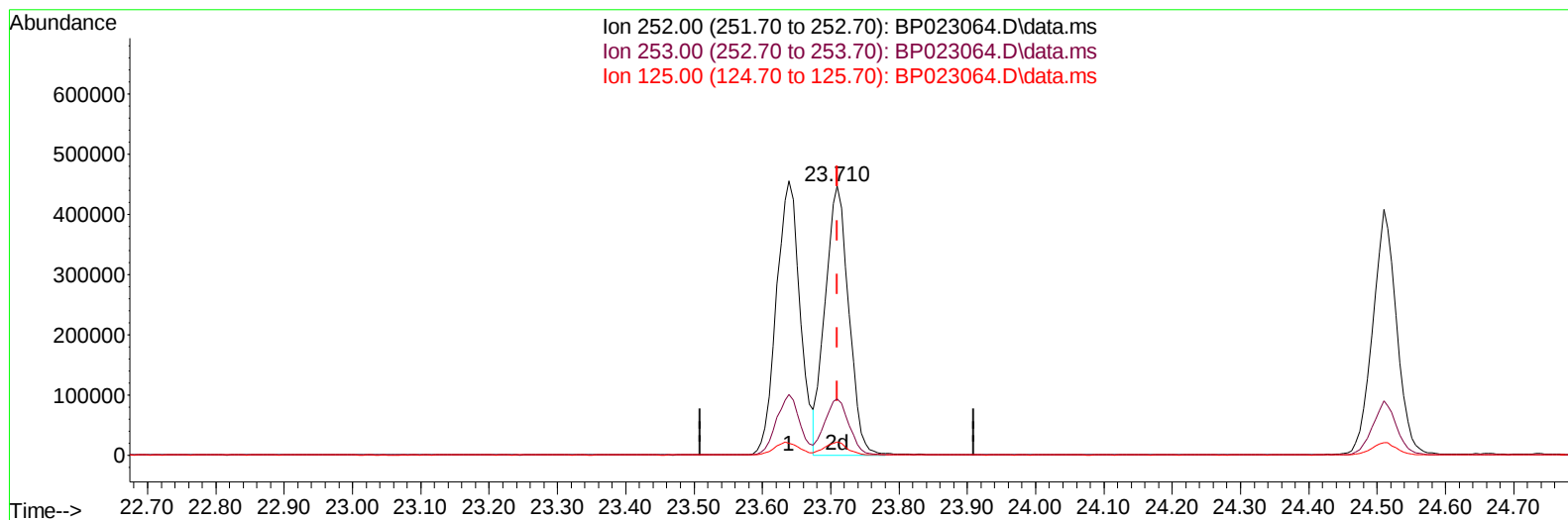
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 Data File : BP023064.D
 Acq On : 13 Nov 2024 03:22
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/14/2024



TIC: BP023064.D\data.ms

(91) Benzo(k)fluoranthene

23.710min (0.000) 21.98 ng/u1 m

response 1069510

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.00
125.00	3.70	4.77#
0.00	0.00	0.00

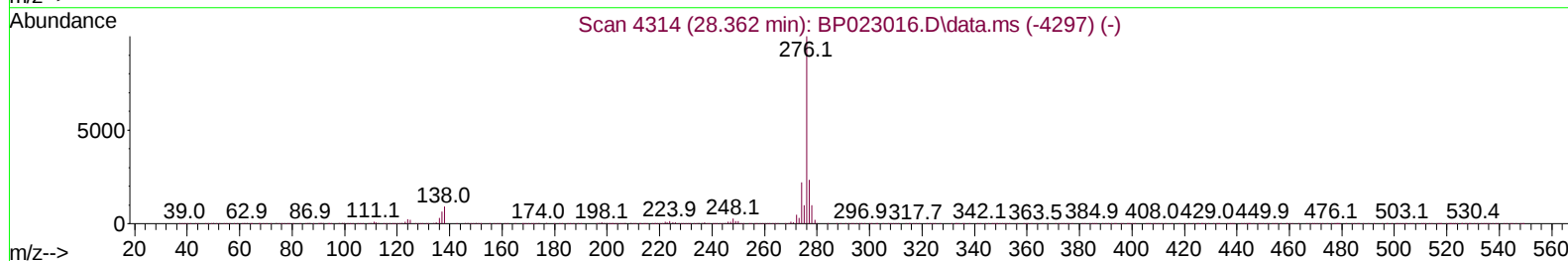
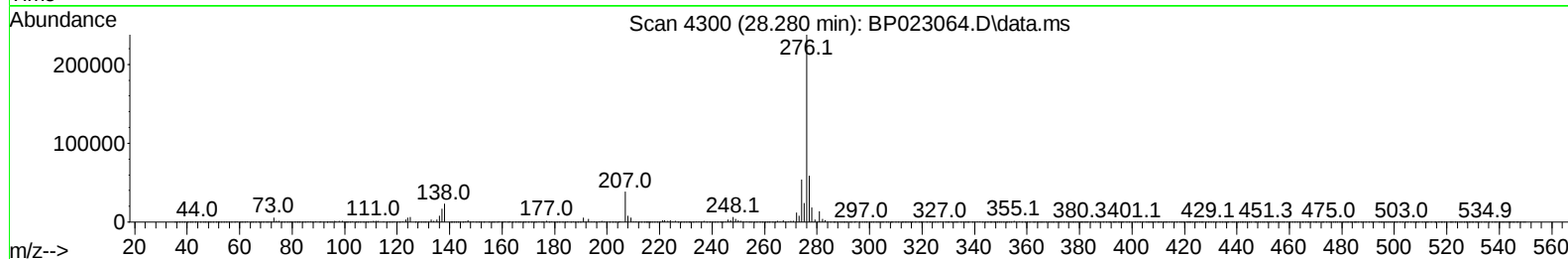
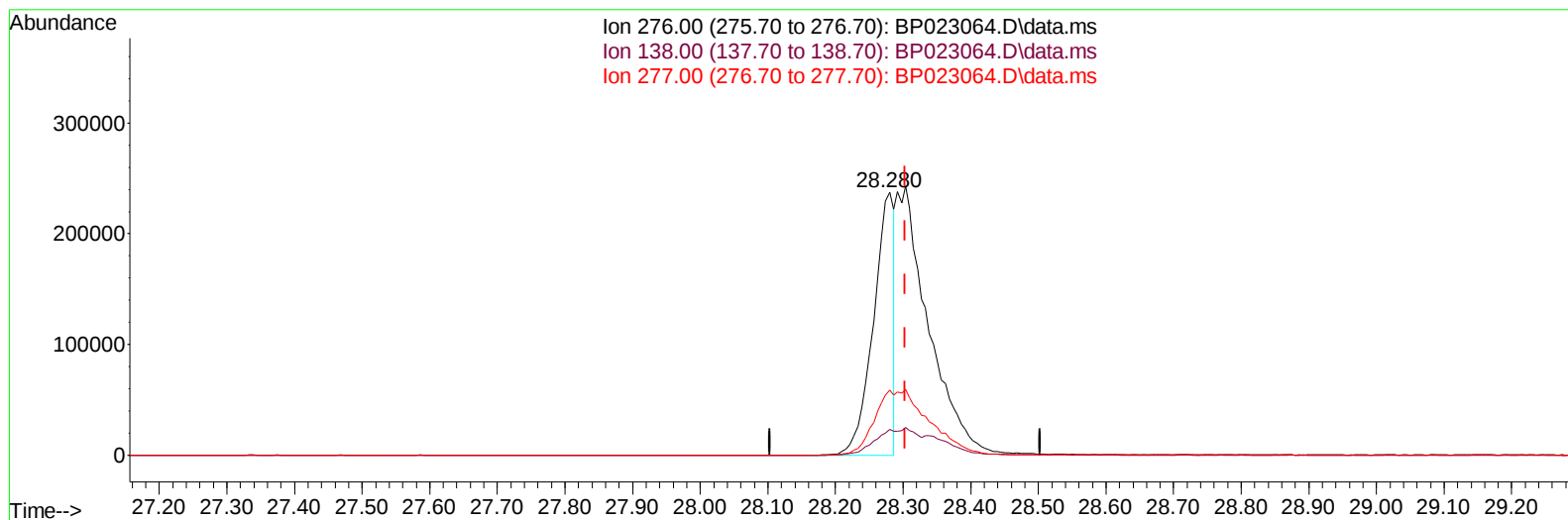
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/14/2024



TIC: BP023064.D\data.ms

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

28.280min (-0.024) 8.13 ng/u1

response 505980

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.70	9.72
277.00	24.80	24.87
0.00	0.00	0.00

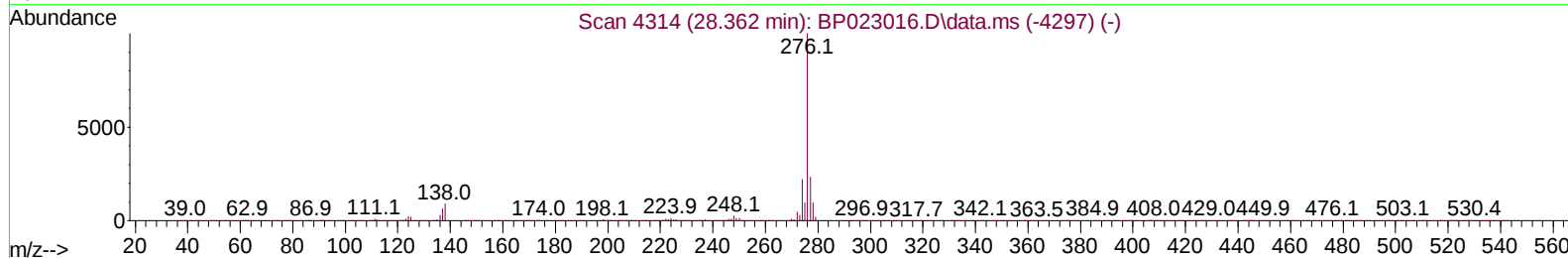
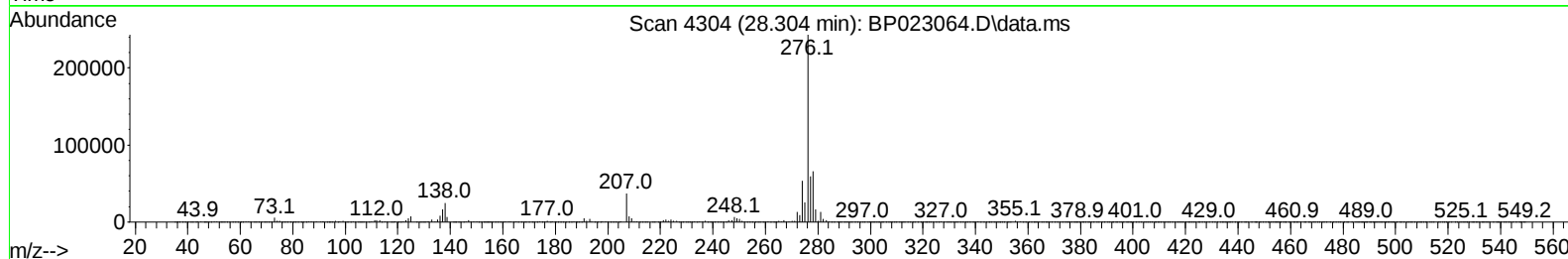
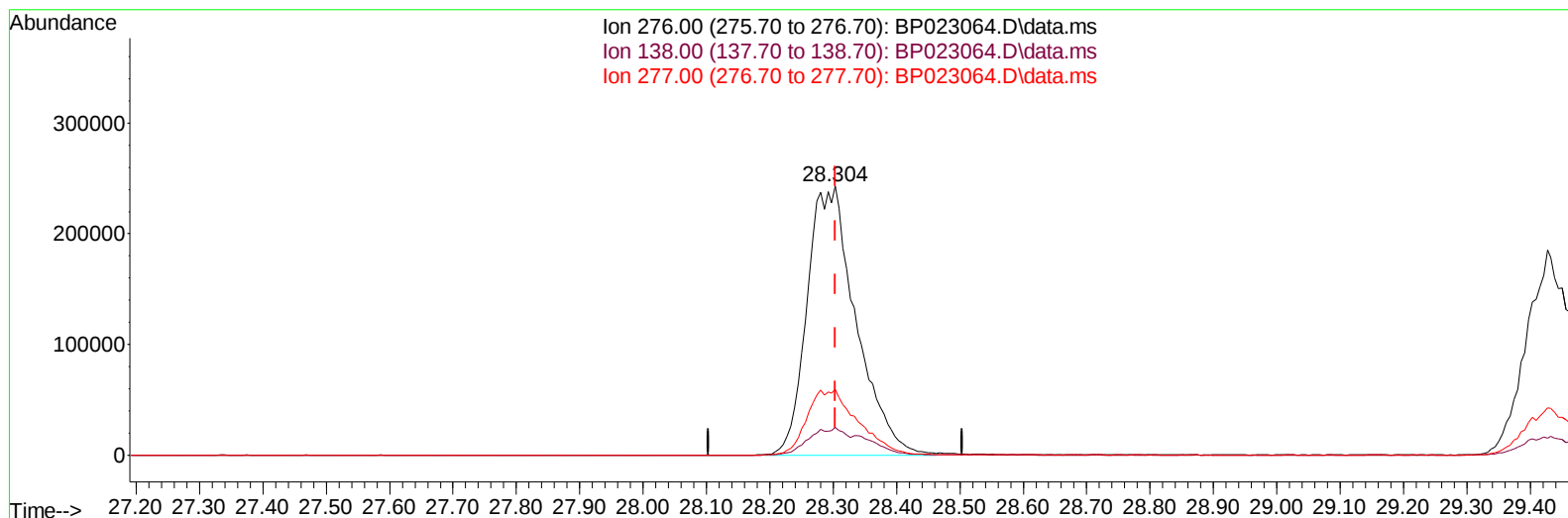
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
Data File : BP023064.D
Acq On : 13 Nov 2024 03:22
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 13 04:51:20 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
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Supervised By :mohammad ahmed 11/14/2024



TIC: BP023064.D\data.ms

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

28.304min (0.000) 20.85 ng/ul m

response 1298127

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.70	10.33
277.00	24.80	24.52
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023064.D
 Acq On : 13 Nov 2024 03:22
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 13 05:14:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	84021	20.000	ng/ul	0.00
20) Naphthalene-d8	10.328	136	332450	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.204	164	279254	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	706016	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	778251	20.000	ng/ul	0.00
88) Perylene-d12	24.657	264	887965	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	15439	8.832	ng/uL	0.00
4) Pyridine-d5	3.546	84	108961	20.981	ng/ul	0.00
7) Phenol-d5	6.781	99	128762	20.728	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	78223	21.433	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	98395	21.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	106777	20.888	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	50315	21.740	ng/ul	0.00
24) 2-Nitrophenol-d4	9.434	143	59444	21.544	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	126719	21.930	ng/ul	0.00
31) 4-Chloroaniline-d4	10.481	131	145595	21.121	ng/ul	0.00
46) Dimethylphthalate-d6	13.610	166	425247	21.129	ng/ul	0.00
49) Acenaphthylene-d8	13.898	160	455077	21.670	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	56203	18.582	ng/ul	0.00
60) Fluorene-d10	15.210	176	378829	21.468	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	82035	19.396	ng/ul	0.00
73) Anthracene-d10	17.116	188	643558	21.528	ng/ul	0.00
81) Pyrene-d10	19.492	212	820040	22.876	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.445	264	933413	22.068	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	17333	8.582	ng/uL	90
5) Pyridine	3.564	79	110801	21.244	ng/ul	98
6) Benzaldehyde	6.752	77	92881m	25.983	ng/ul	
8) Phenol	6.811	94	135962	20.960	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.016	93	103791	21.293	ng/ul	98
12) 2-Chlorophenol	7.158	128	101735	21.539	ng/ul	94
13) 2-Methylphenol	8.034	108	99322	20.512	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.093	45	121417	22.003	ng/ul	94
16) Acetophenone	8.393	105	181847	21.170	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.375	70	93433	21.784	ng/ul	97
18) 4-Methylphenol	8.357	108	111030	20.760	ng/ul	98
19) Hexachloroethane	8.634	117	46150	20.203	ng/ul	91
22) Nitrobenzene	8.763	77	146939	22.126	ng/ul	95
23) Isophorone	9.287	82	259033	21.814	ng/ul	98
25) 2-Nitrophenol	9.463	139	62314	21.397	ng/ul	94
26) 2,4-Dimethylphenol	9.528	107	137534	21.870	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.752	93	146780	22.465	ng/ul	97
29) 2,4-Dichlorophenol	9.999	162	126349	22.076	ng/ul	96
30) Naphthalene	10.381	128	343996	21.299	ng/ul	98
32) 4-Chloroaniline	10.499	127	138532	20.743	ng/ul	96
33) Hexachlorobutadiene	10.652	225	103543	19.994	ng/ul	99
34) Caprolactam	11.287	113	36922m	21.688	ng/ul	
35) 4-Chloro-3-methylphenol	11.640	107	138400	22.478	ng/ul	99

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Manual IntegrationsAPPROVED

Quant Time: Nov 13 05:14:35 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.993	142	261761	21.467	ng/ul	96
37) 1-Methylnaphthalene	12.210	142	267084	21.427	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.369	216	197197	20.917	ng/ul	98
40) Hexachlorocyclopentadiene	12.340	237	97581	19.706	ng/ul	99
41) 2,4,6-Trichlorophenol	12.616	196	124766	21.734	ng/ul	93
42) 2,4,5-Trichlorophenol	12.710	196	134727	21.769	ng/ul	98
43) 1,1'-Biphenyl	13.010	154	385326	21.534	ng/ul	99
44) 2-Chloronaphthalene	13.057	162	316112	21.611	ng/ul	98
45) 2-Nitroaniline	13.287	65	92876	22.613	ng/ul#	87
47) Dimethylphthalate	13.651	163	429228	21.625	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	83937	21.740	ng/ul	98
50) Acenaphthylene	13.922	152	466259	21.964	ng/ul	99
51) 3-Nitroaniline	14.128	138	74710	22.466	ng/ul	91
52) Acenaphthene	14.269	153	333743	21.655	ng/ul	97
53) 2,4-Dinitrophenol	14.351	184	48241	17.609	ng/ul	94
55) 4-Nitrophenol	14.469	109	61633	17.417	ng/ul	90
56) Dibenzofuran	14.610	168	518105	21.759	ng/ul	99
57) 2,4-Dinitrotoluene	14.610	165	134338	21.831	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.845	232	129839	21.463	ng/ul	96
59) Diethylphthalate	15.040	149	421629	21.478	ng/ul	98
61) Fluorene	15.275	166	419865	21.543	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.275	204	246941	21.519	ng/ul	96
63) 4-Nitroaniline	15.322	138	76039	24.573	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.381	198	90591	20.051	ng/ul	99
67) N-Nitrosodiphenylamine	15.487	169	366317	22.454	ng/ul	99
68) 4-Bromophenyl-phenylether	16.175	248	173230	21.668	ng/ul	98
69) Hexachlorobenzene	16.304	284	212366	21.100	ng/ul	98
70) Atrazine	16.469	200	167710	21.267	ng/ul	98
71) Pentachlorophenol	16.669	266	121805	19.493	ng/ul	98
72) Phenanthrene	17.057	178	727923	21.837	ng/ul	99
74) Anthracene	17.151	178	729763	21.774	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	202073	21.678	ng/uL	97
76) Pentachlorobenzene	14.534	250	232024	21.799	ng/uL	97
77) Carbazole	17.439	167	629737	21.537	ng/ul	100
78) Di-n-butylphthalate	18.016	149	718524	22.144	ng/ul	99
80) Fluoranthene	19.145	202	943275	22.841	ng/ul	98
82) Pyrene	19.528	202	1008994	22.743	ng/ul	99
83) Butylbenzylphthalate	20.480	149	332502	22.764	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	379322	21.714	ng/ul	100
85) Benzo(a)anthracene	21.422	228	1056709	22.237	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	473880	22.830	ng/ul	97
87) Chrysene	21.486	228	973715	21.776	ng/ul	99
89) Di-n-octyl phthalate	22.569	149	770796	21.396	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1099699	22.250	ng/ul	99
91) Benzo(k)fluoranthene	23.710	252	1069510m	21.982	ng/ul	
93) Benzo(a)pyrene	24.510	252	994249	22.254	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.304	276	1298127m	20.854	ng/ul	
95) Dibenzo(a,h)anthracene	28.345	278	1038217	20.542	ng/ul	100
96) Benzo(g,h,i)perylene	29.427	276	983884	20.810	ng/ul	98

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

Manual IntegrationsAPPROVED

Quant Time: Nov 13 05:14:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : wed Nov 13 04:49:01 2024
Response via : Initial Calibration

