

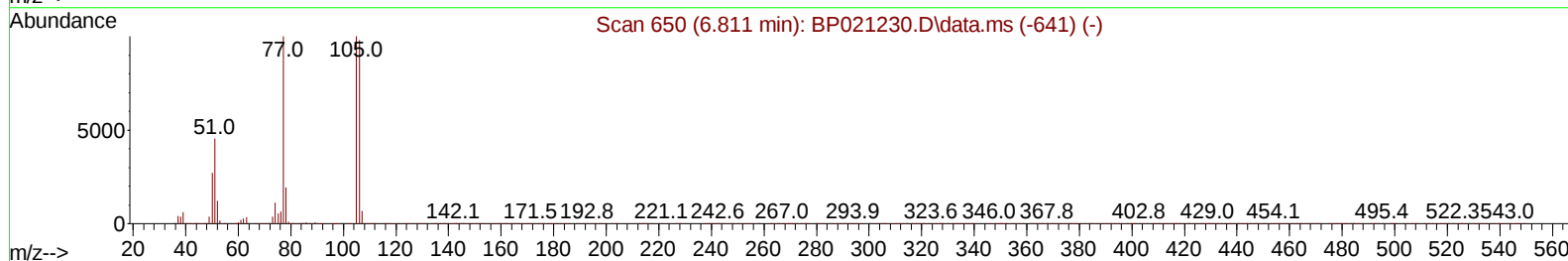
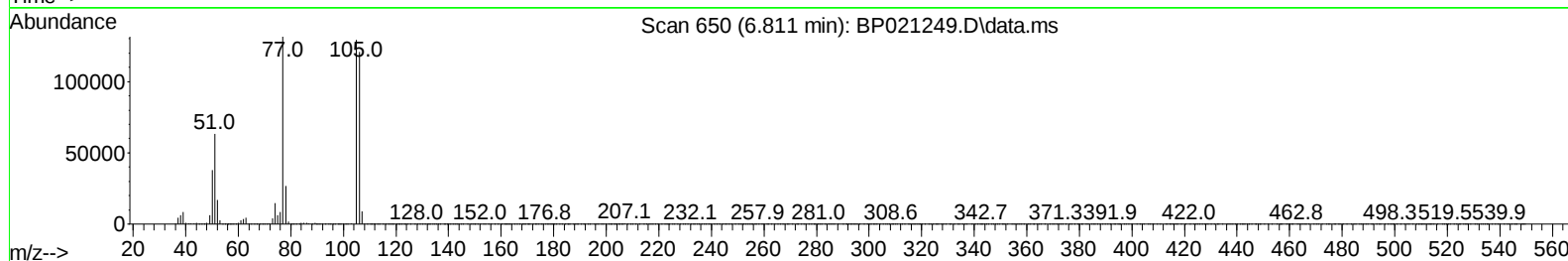
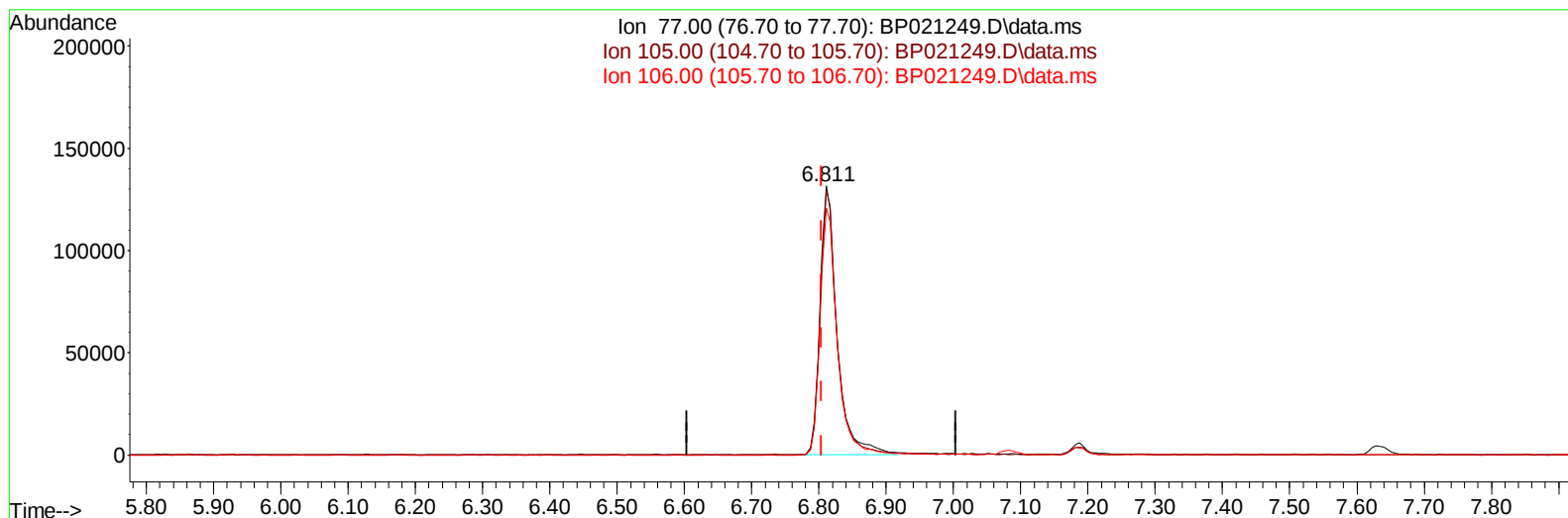
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021249.D
Acq On : 31 Jul 2024 01:45
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

(6) Benzaldehyde

6.811min (+ 0.006) 23.72 ng/u1

response 230233

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.10	98.32
106.00	93.30	91.73
0.00	0.00	0.00

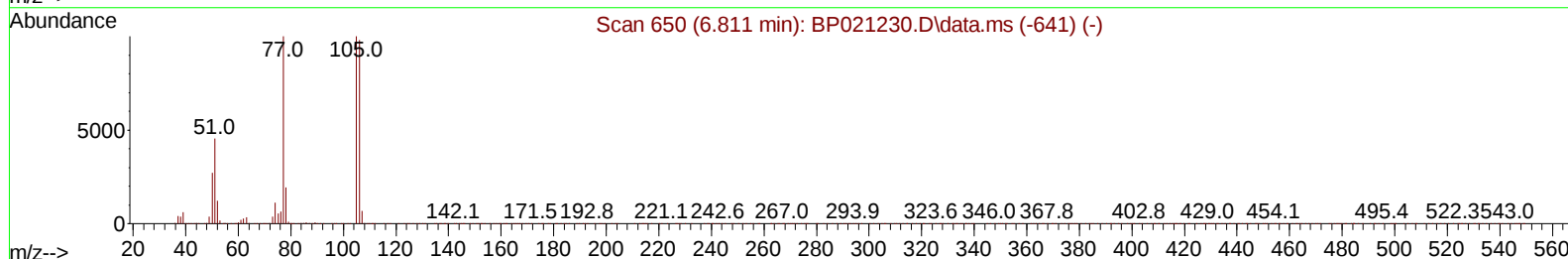
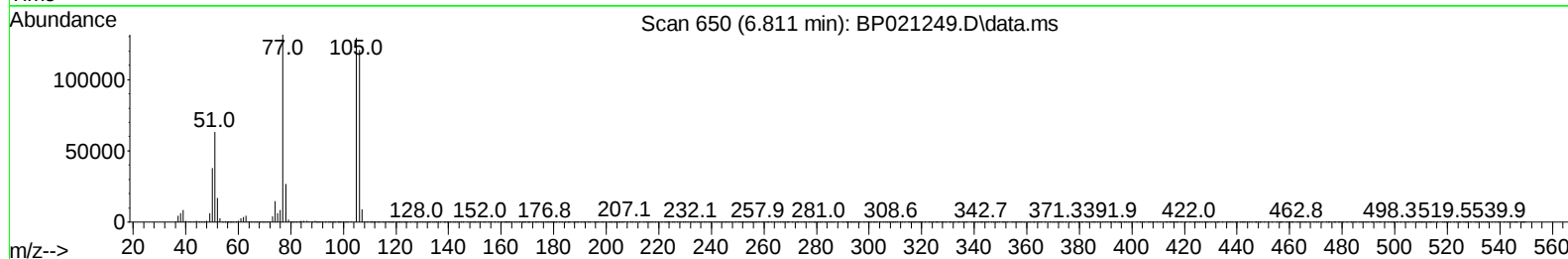
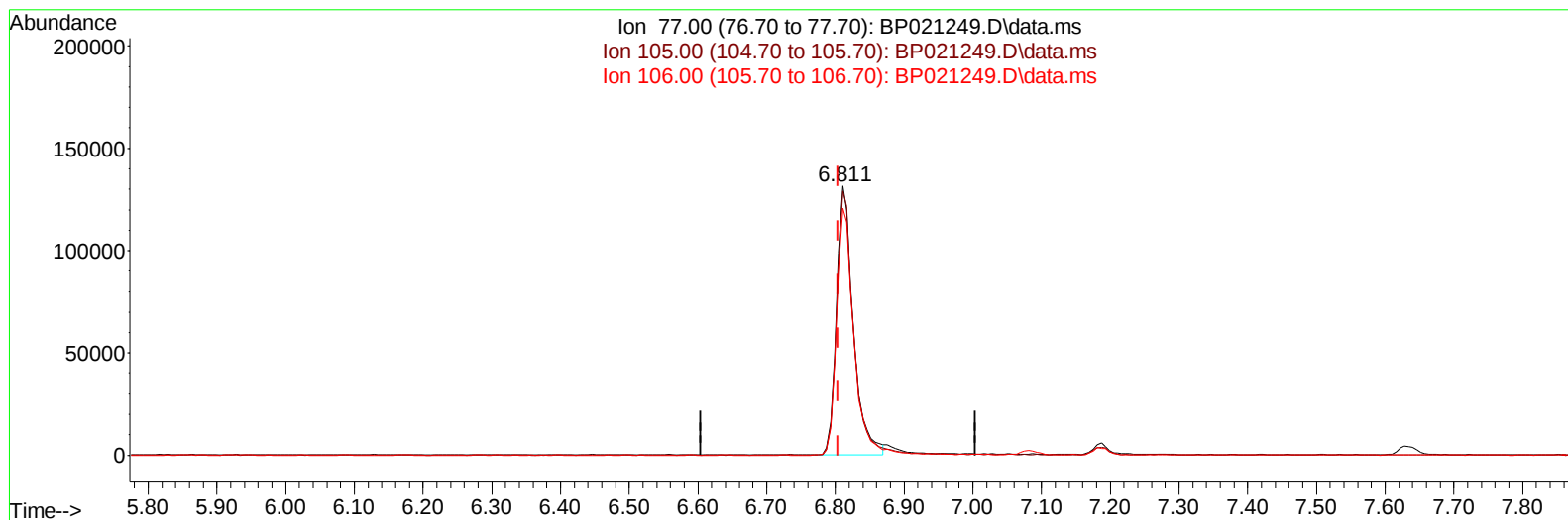
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021249.D
 Acq On : 31 Jul 2024 01:45
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

(6) Benzaldehyde

6.811min (+ 0.006) 23.16 ng/ul m

response 224755

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.10	98.32
106.00	93.30	91.73
0.00	0.00	0.00

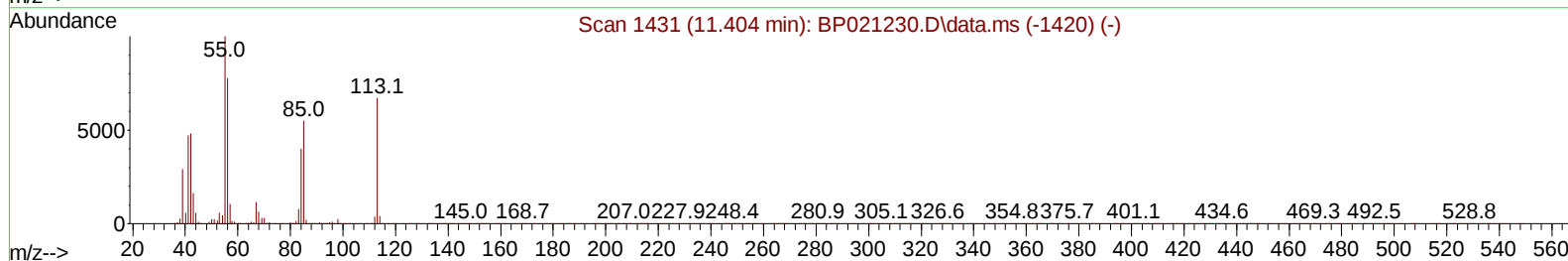
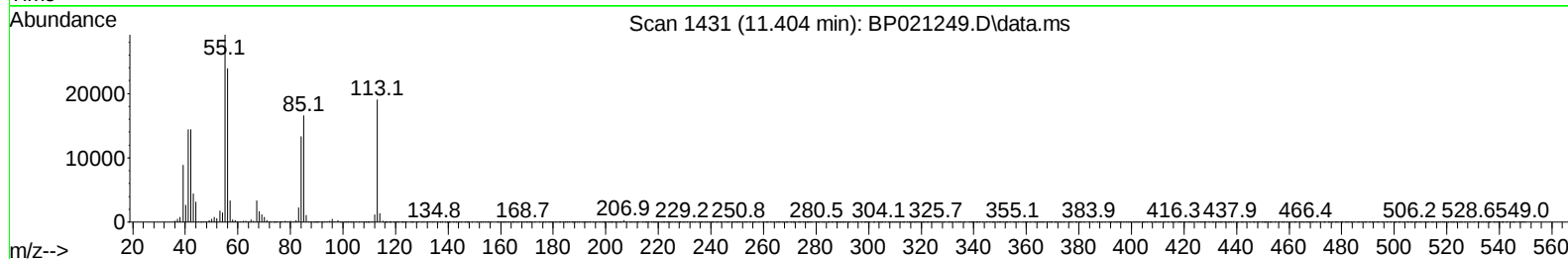
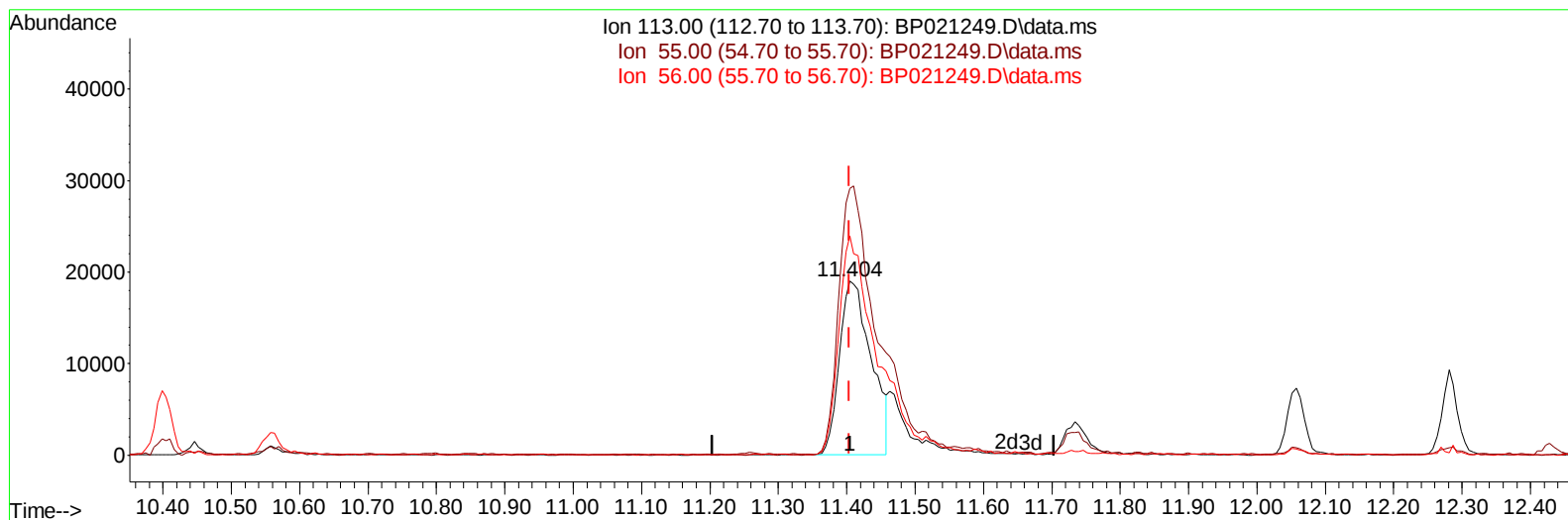
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021249.D
Acq On : 31 Jul 2024 01:45
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

(34) Caprolactam

11.404min (+ 0.000) 13.12 ng/ul

response 61341

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	152.94
56.00	131.90	125.57
0.00	0.00	0.00

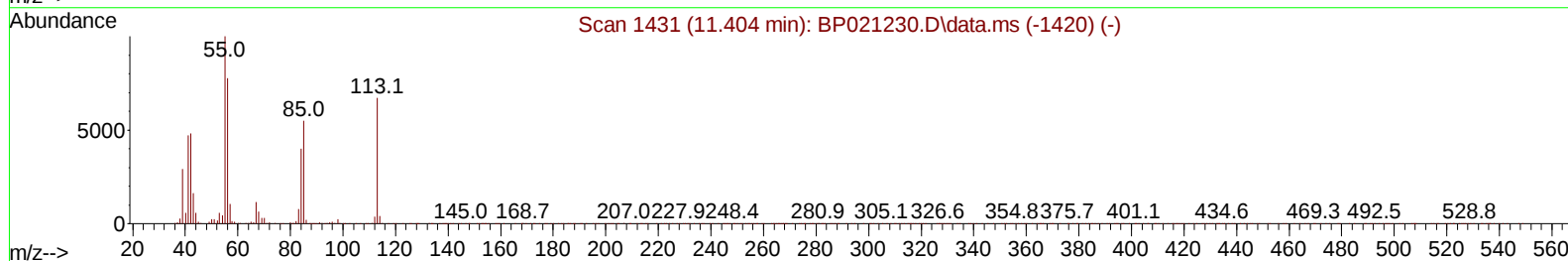
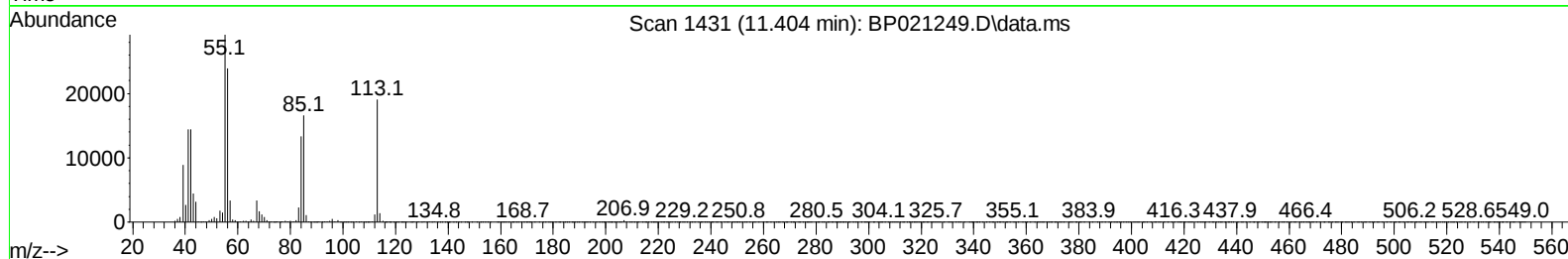
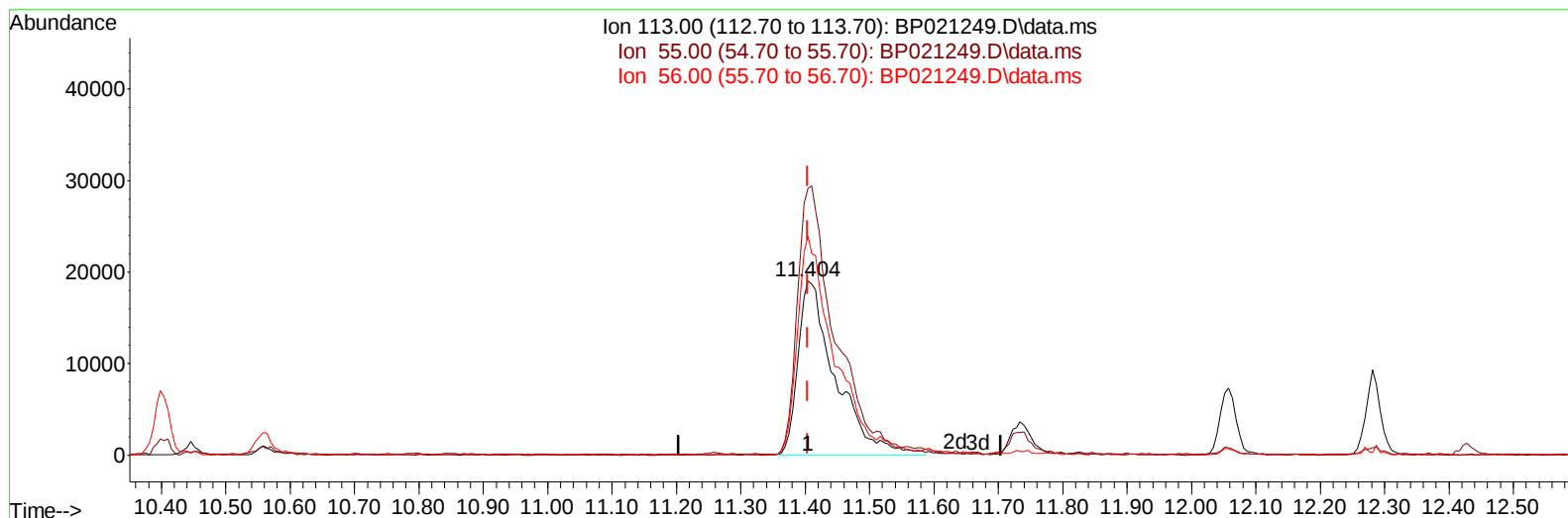
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021249.D
Acq On : 31 Jul 2024 01:45
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

(34) Caprolactam

11.404min (+ 0.000) 16.36 ng/ul m

response 76495

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	152.94
56.00	131.90	125.57
0.00	0.00	0.00

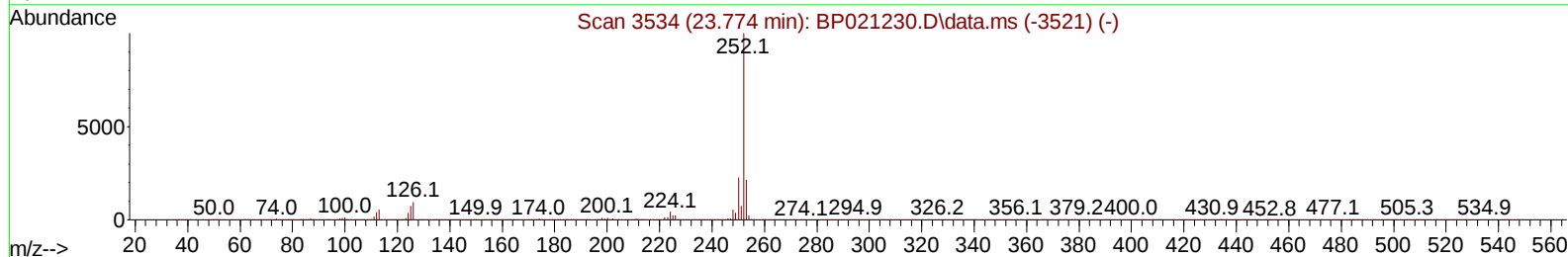
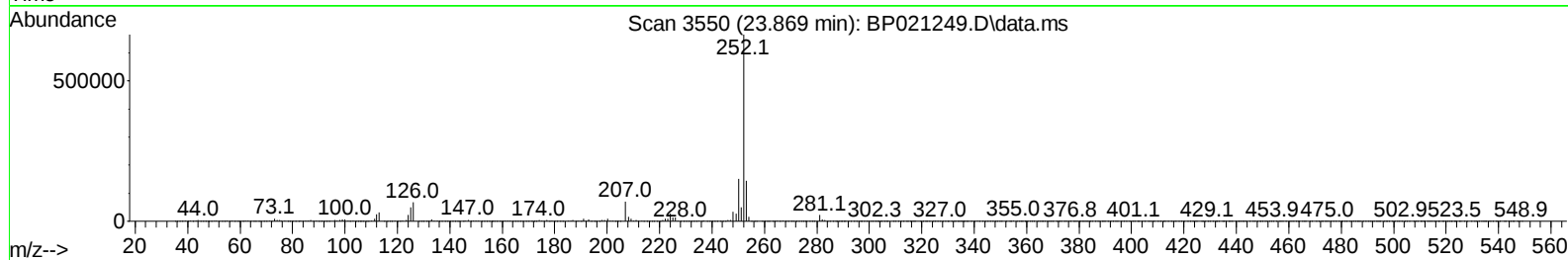
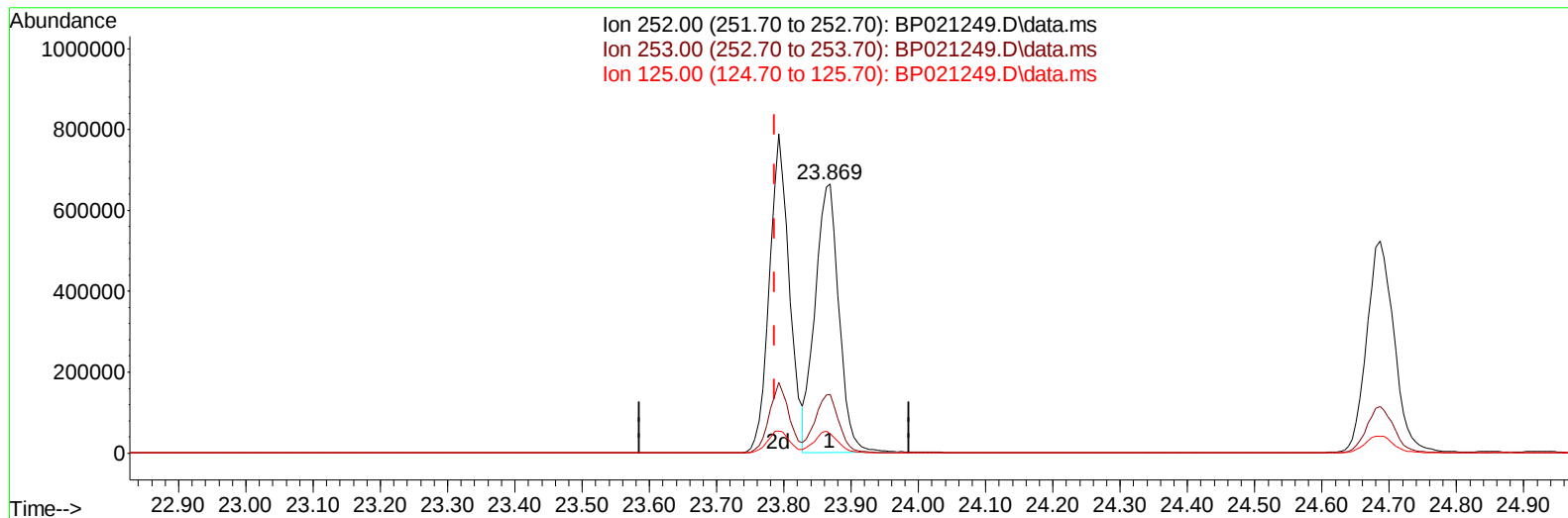
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021249.D
 Acq On : 31 Jul 2024 01:45
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

(90) Benzo(b)fluoranthene

23.869min (+ 0.083) 19.39 ng/u1

response 1625355

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	21.71
125.00	8.70	7.31
0.00	0.00	0.00

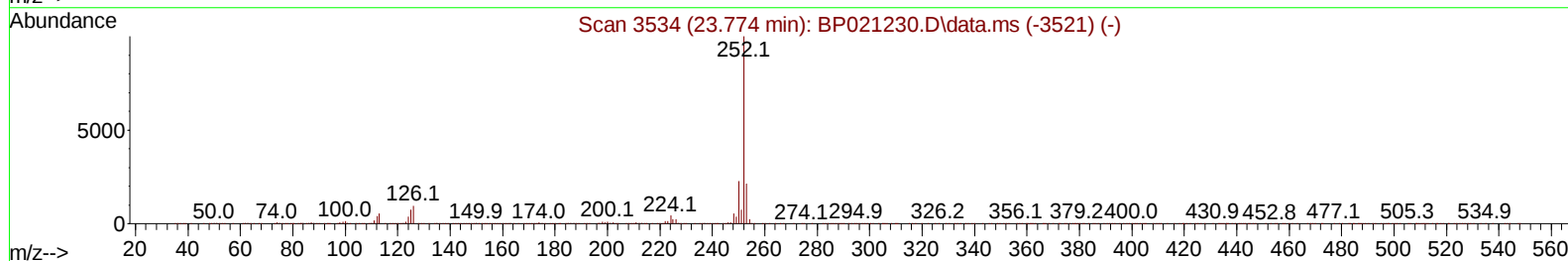
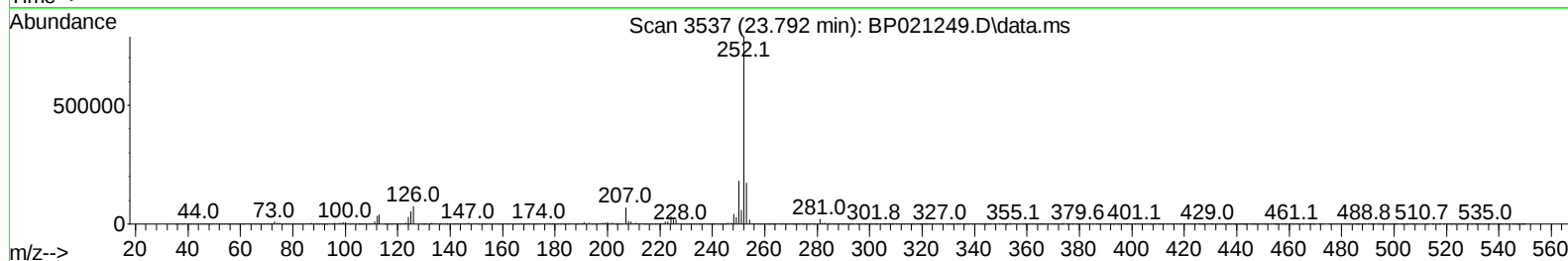
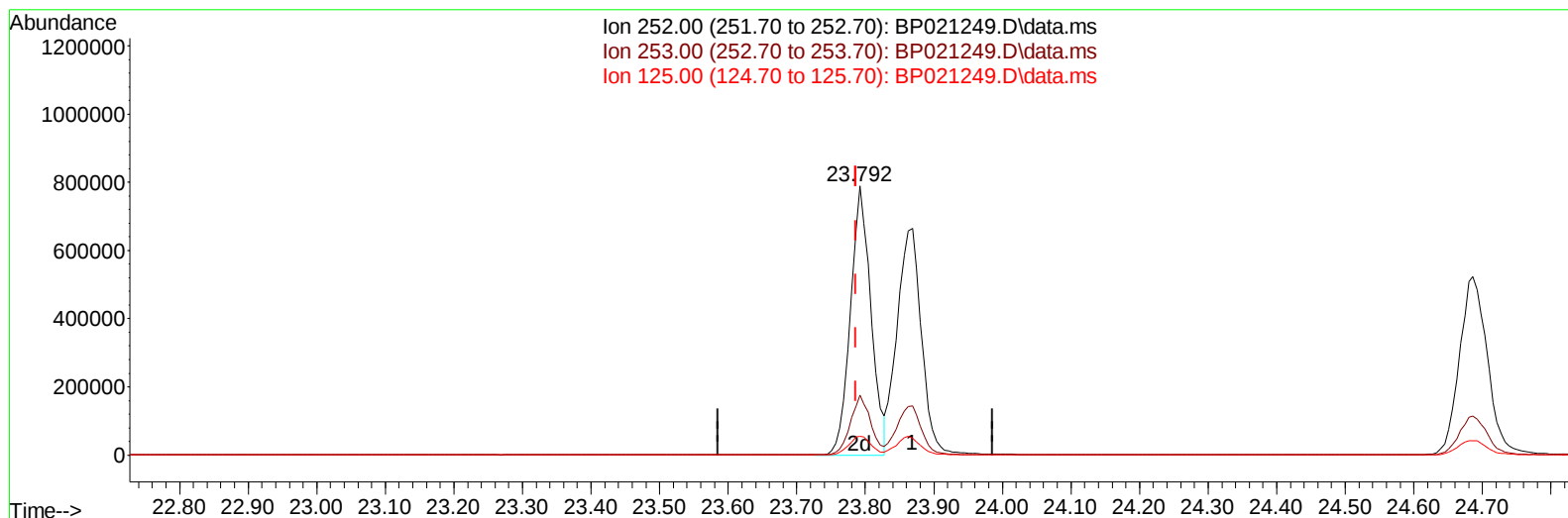
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021249.D
 Acq On : 31 Jul 2024 01:45
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

(90) Benzo(b)fluoranthene

23.792min (+ 0.006) 19.55 ng/ul m

response 1638290

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.21
125.00	8.70	6.88#
0.00	0.00	0.00

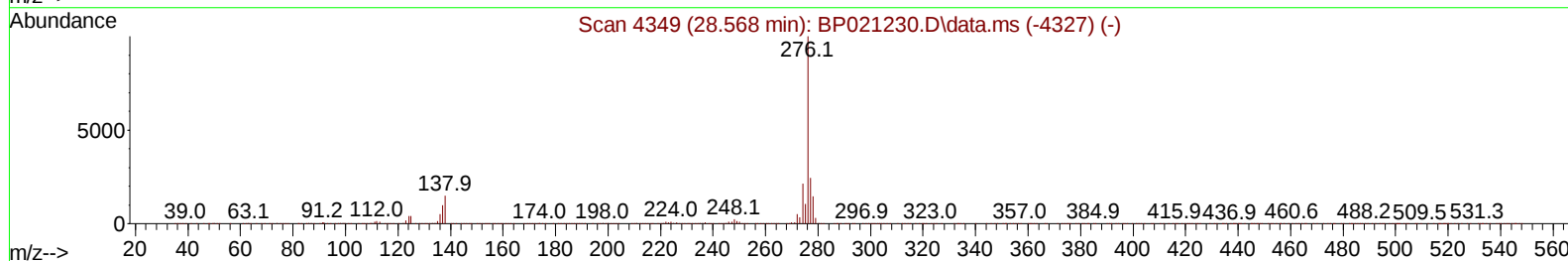
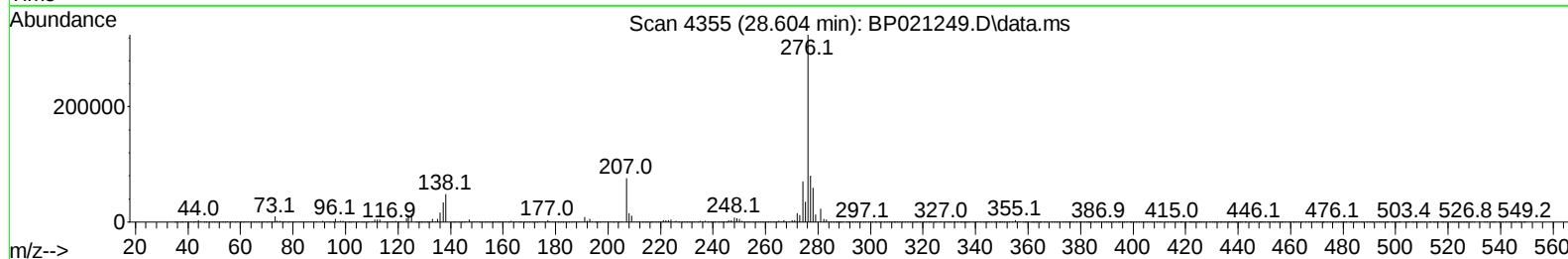
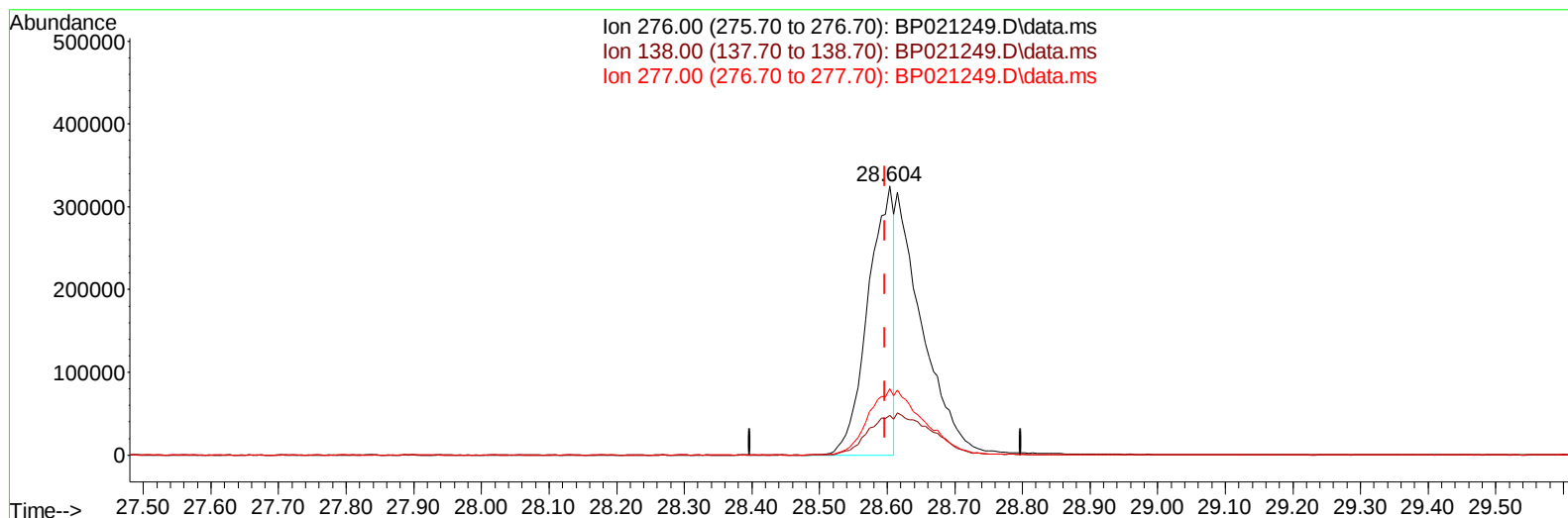
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021249.D
Acq On : 31 Jul 2024 01:45
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

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

28.604min (+ 0.006) 8.43 ng/u1

response 860639

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	14.86
277.00	24.00	24.71
0.00	0.00	0.00

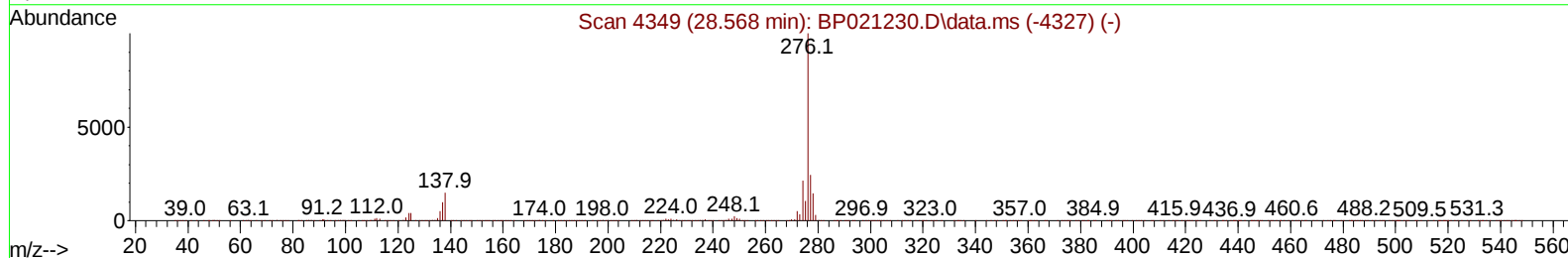
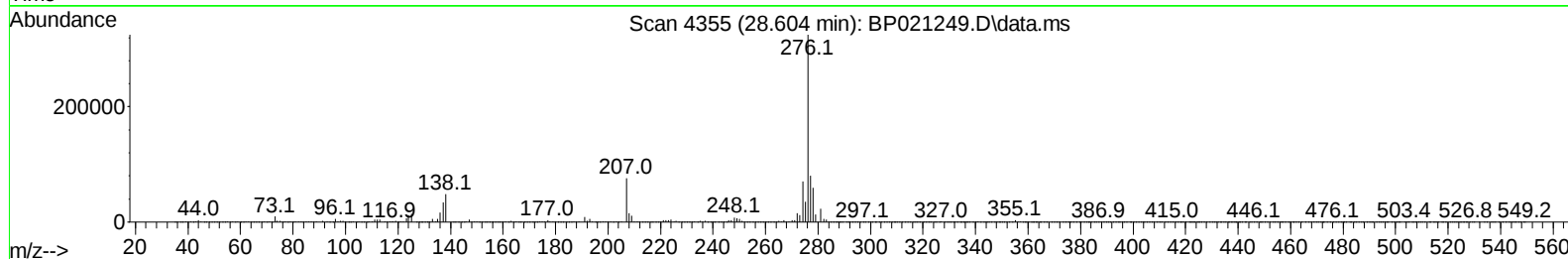
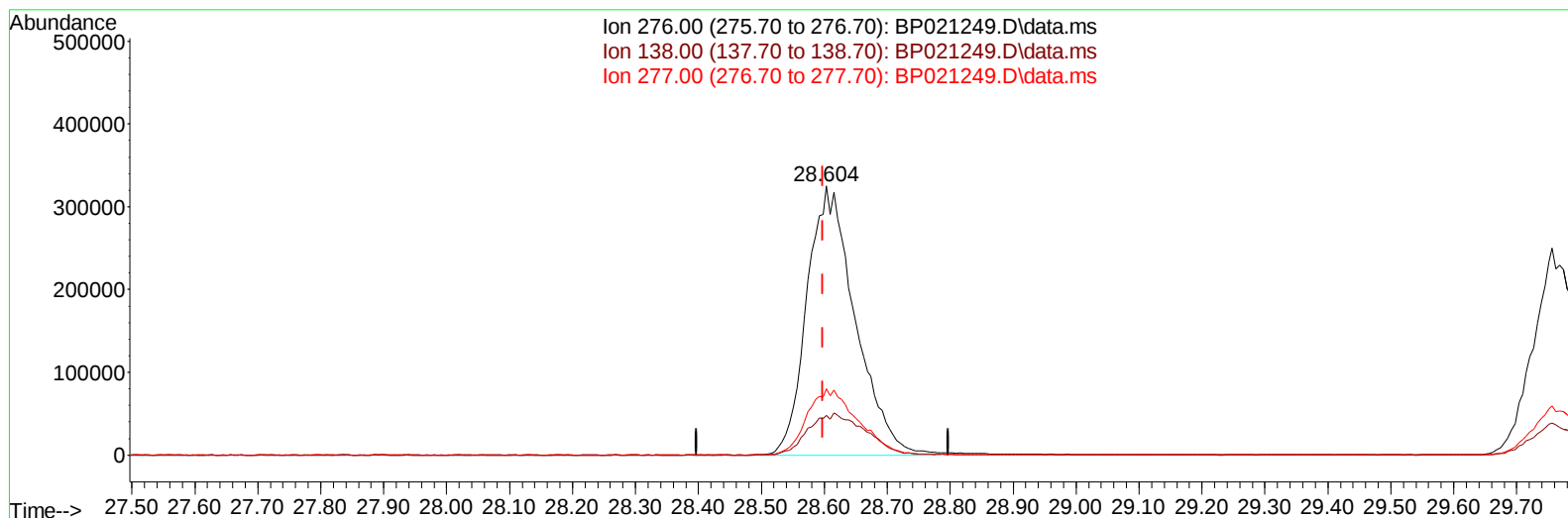
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021249.D
Acq On : 31 Jul 2024 01:45
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

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

28.604min (+ 0.006) 16.95 ng/ul m

response 1729790

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	14.86
277.00	24.00	24.71
0.00	0.00	0.00

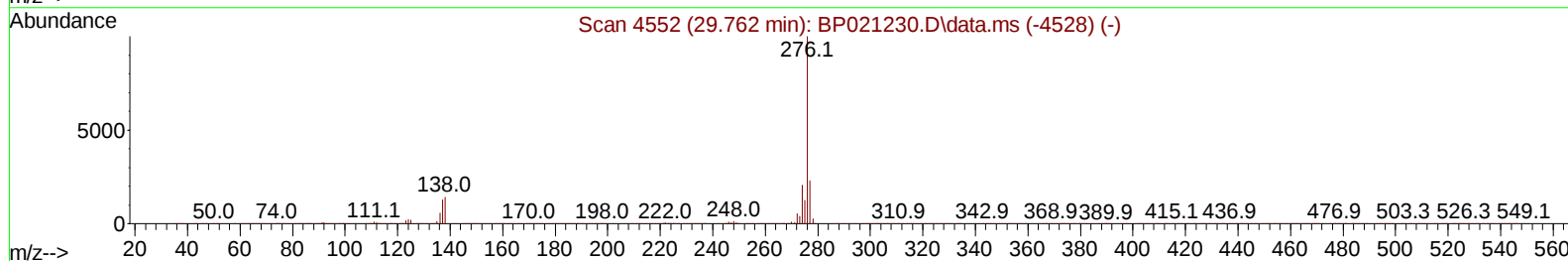
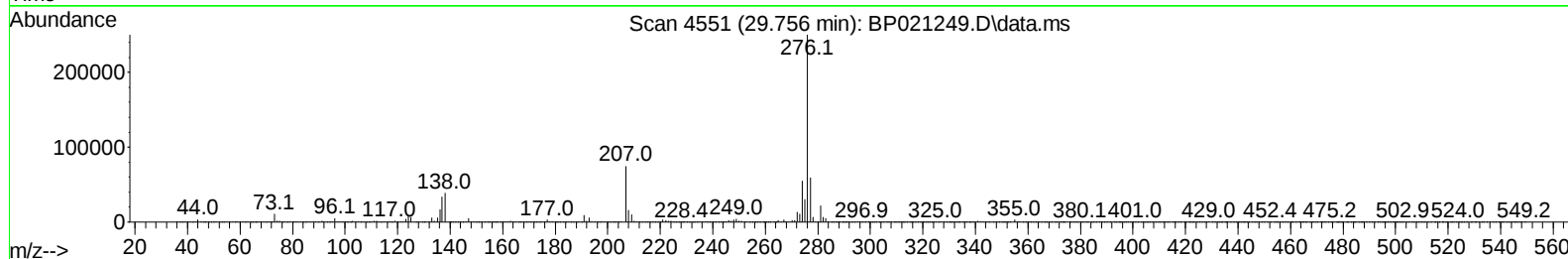
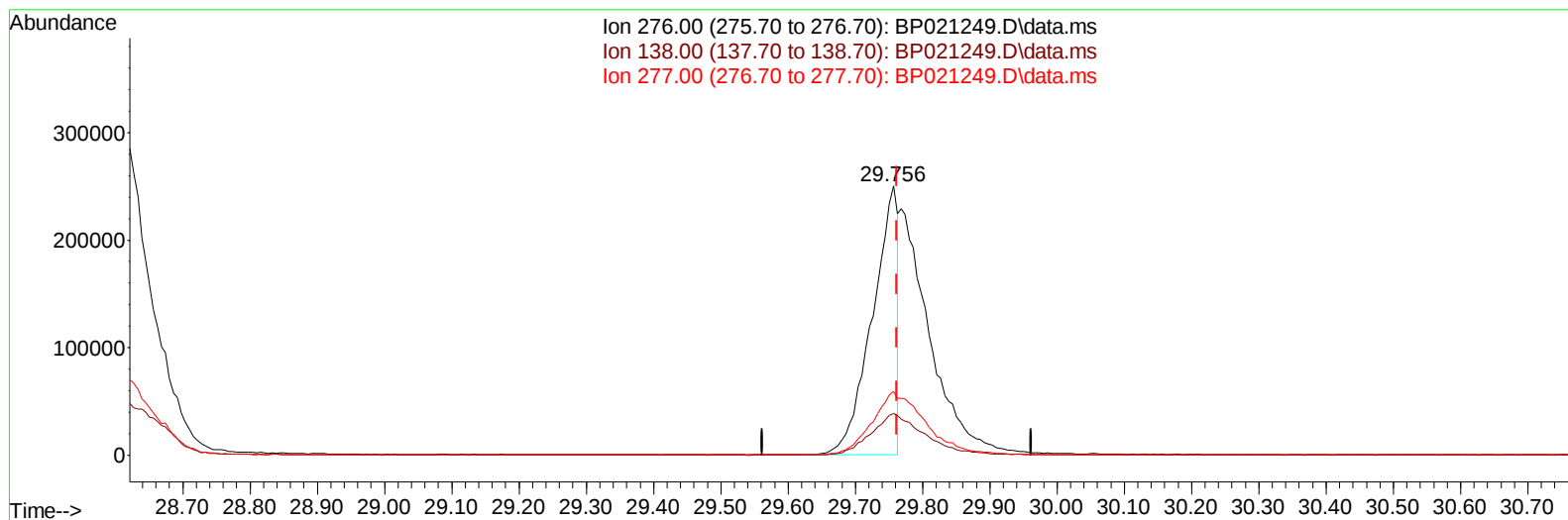
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021249.D
Acq On : 31 Jul 2024 01:45
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

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

29.756min (-0.005) 7.91 ng/u1

response 657168

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	15.55
277.00	22.70	23.62
0.00	0.00	0.00

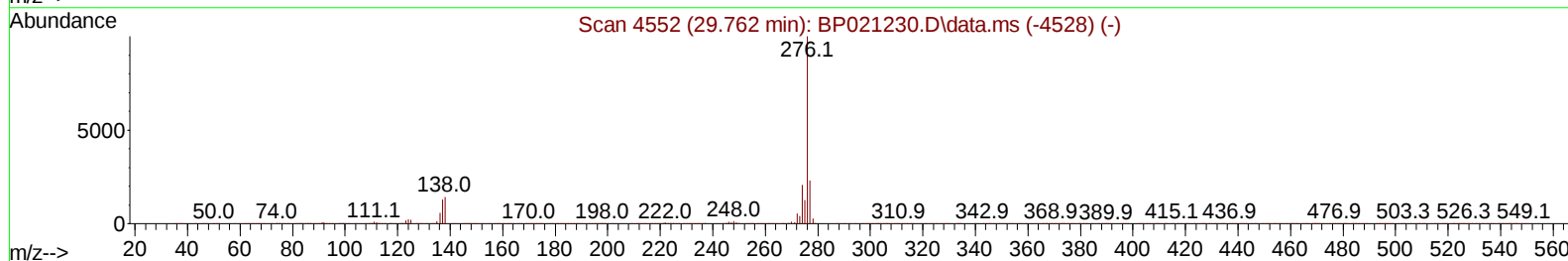
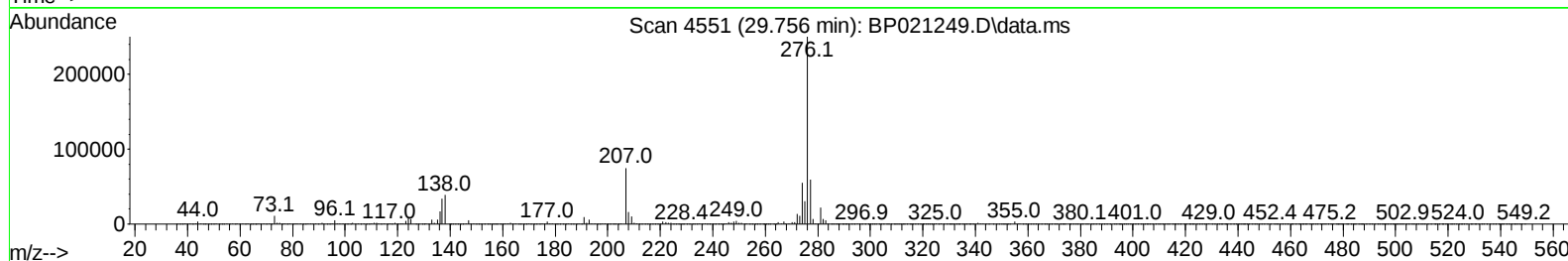
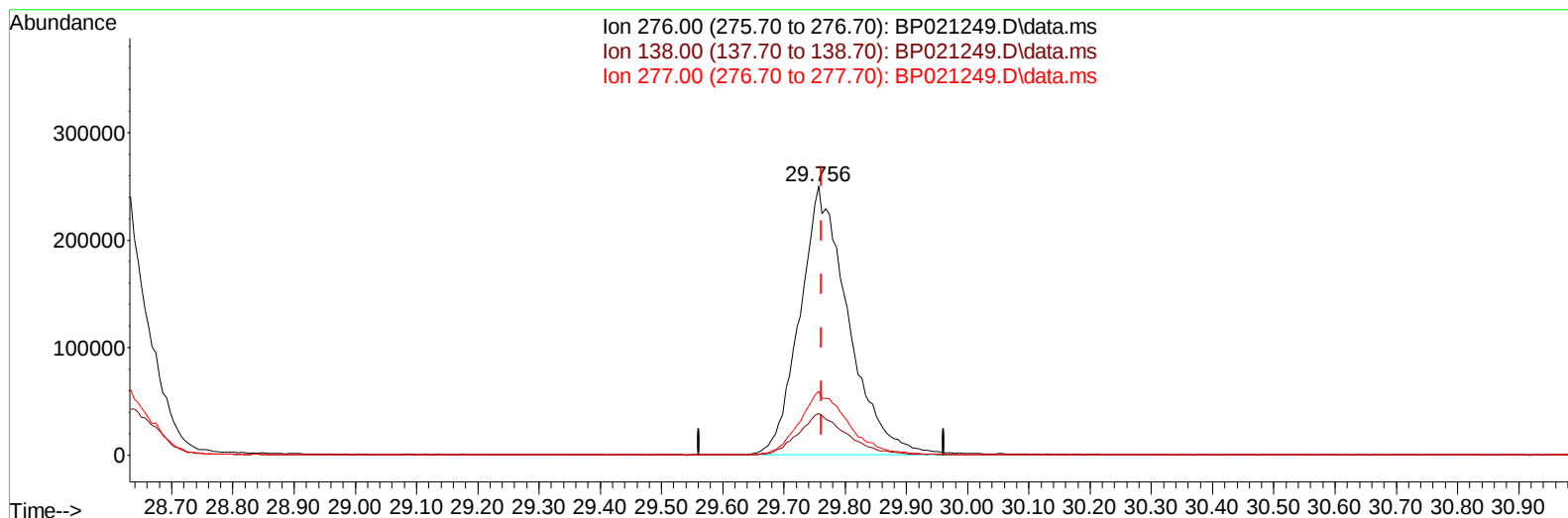
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021249.D
Acq On : 31 Jul 2024 01:45
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:00:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021249.D\data.ms

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

29.756min (-0.005) 16.59 ng/ul m

response 1378793

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	15.55
277.00	22.70	23.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021249.D
 Acq On : 31 Jul 2024 01:45
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:05:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	236146	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	958235	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	519803	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	1176853	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1307257	20.000	ng/ul	# 0.01
88) Perylene-d12	24.839	264	1381094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	40988	7.899	ng/uL	0.00
4) Pyridine-d5	3.593	84	225034	14.979	ng/ul	0.00
7) Phenol-d5	6.852	99	363104	18.860	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	220081	18.863	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	306790	19.341	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	294885	18.442	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	146137	19.635	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	164445	19.304	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	301195	19.553	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	405967	19.894	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	752581	19.916	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	821198	19.354	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	132619	24.667	ng/ul	-0.01
60) Fluorene-d10	15.293	176	634326	20.462	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	133028	18.682	ng/ul	0.00
73) Anthracene-d10	17.198	188	1040925	19.914	ng/ul	0.00
81) Pyrene-d10	19.586	212	1301539	16.104	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.616	264	1309051	19.218	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	45221	7.923	ng/uL	99
5) Pyridine	3.611	79	229738	14.826	ng/ul	98
6) Benzaldehyde	6.811	77	224755m	23.156	ng/ul	
8) Phenol	6.875	94	367254	18.851	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.081	93	301502	18.734	ng/ul	99
12) 2-Chlorophenol	7.216	128	303091	19.065	ng/ul	99
13) 2-Methylphenol	8.099	108	283406	18.810	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	447987	19.268	ng/ul	96
16) Acetophenone	8.463	105	469394	19.020	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.434	70	234973	18.171	ng/ul	99
18) 4-Methylphenol	8.422	108	305818	18.947	ng/ul	95
19) Hexachloroethane	8.681	117	132231	18.509	ng/ul	99
22) Nitrobenzene	8.834	77	354968	19.910	ng/ul	99
23) Isophorone	9.352	82	664520	18.748	ng/ul	98
25) 2-Nitrophenol	9.534	139	174201	19.607	ng/ul	97
26) 2,4-Dimethylphenol	9.605	107	338104	19.299	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.816	93	407106	18.896	ng/ul	99
29) 2,4-Dichlorophenol	10.081	162	292083	19.240	ng/ul	98
30) Naphthalene	10.446	128	979140	19.426	ng/ul	99
32) 4-Chloroaniline	10.581	127	388656	19.945	ng/ul	98
33) Hexachlorobutadiene	10.710	225	214557	18.849	ng/ul	99
34) Caprolactam	11.404	113	76495m	16.357	ng/ul	
35) 4-Chloro-3-methylphenol	11.734	107	258412	15.660	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021249.D
 Acq On : 31 Jul 2024 01:45
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:05:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.057	142	527633	15.250	ng/ul	99
37) 1-Methylnaphthalene	12.281	142	546434	15.356	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	339101	20.088	ng/ul	99
40) Hexachlorocyclopentadiene	12.387	237	183687	20.801	ng/ul	99
41) 2,4,6-Trichlorophenol	12.699	196	205990	19.311	ng/ul	99
42) 2,4,5-Trichlorophenol	12.799	196	211953	18.780	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	720360	18.963	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	572511	18.878	ng/ul	100
45) 2-Nitroaniline	13.375	65	160326	19.117	ng/ul	96
47) Dimethylphthalate	13.728	163	741770	19.347	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	155250	20.253	ng/ul	97
50) Acenaphthylene	13.998	152	919773	19.146	ng/ul	99
51) 3-Nitroaniline	14.228	138	143173	21.464	ng/ul	93
52) Acenaphthene	14.340	153	621870	19.503	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	101752	25.276	ng/ul	98
55) 4-Nitrophenol	14.587	109	96485	22.062	ng/ul	82
56) Dibenzofuran	14.681	168	861391	19.728	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	232073	22.055	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	201027	20.801	ng/ul	95
59) Diethylphthalate	15.122	149	760037	19.835	ng/ul	100
61) Fluorene	15.345	166	719808	20.202	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.340	204	392465	20.299	ng/ul	96
63) 4-Nitroaniline	15.428	138	140826	25.493	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.487	198	143248	18.970	ng/ul	99
67) N-Nitrosodiphenylamine	15.575	169	615216	17.952	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	263164	19.078	ng/ul	96
69) Hexachlorobenzene	16.375	284	322534	20.393	ng/ul	95
70) Atrazine	16.563	200	256437	20.532	ng/ul	99
71) Pentachlorophenol	16.757	266	211291	24.597	ng/ul	95
72) Phenanthrene	17.139	178	1172180	19.200	ng/ul	100
74) Anthracene	17.234	178	1200739	19.293	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	331123	17.579	ng/uL	98
76) Pentachlorobenzene	14.598	250	350012	18.700	ng/uL	98
77) Carbazole	17.534	167	1076647	21.161	ng/ul	100
78) Di-n-butylphthalate	18.098	149	1340977	19.104	ng/ul	100
80) Fluoranthene	19.239	202	1527842	15.654	ng/ul	98
82) Pyrene	19.622	202	1584542	15.954	ng/ul	96
83) Butylbenzylphthalate	20.557	149	659037	15.926	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	577755	19.341	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1705095	18.620	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	994303	16.697	ng/ul	98
87) Chrysene	21.592	228	1632767	19.188	ng/ul	99
89) Di-n-octyl phthalate	22.680	149	1702021	18.655	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1638290m	19.547	ng/ul	
91) Benzo(k)fluoranthene	23.869	252	1638282	19.587	ng/ul#	98
93) Benzo(a)pyrene	24.686	252	1491304	18.830	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.604	276	1729790m	16.949	ng/ul	
95) Dibenzo(a,h)anthracene	28.662	278	1415381	16.748	ng/ul	98
96) Benzo(g,h,i)perylene	29.756	276	1378793m	16.589	ng/ul	

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021249.D
 Acq On : 31 Jul 2024 01:45
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 31 03:05:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024

