

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023276.D
 Acq On : 21 Nov 2024 08:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

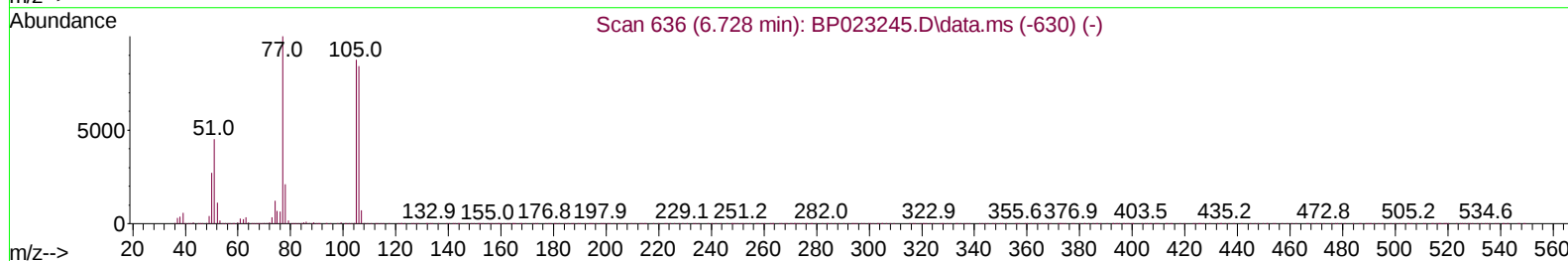
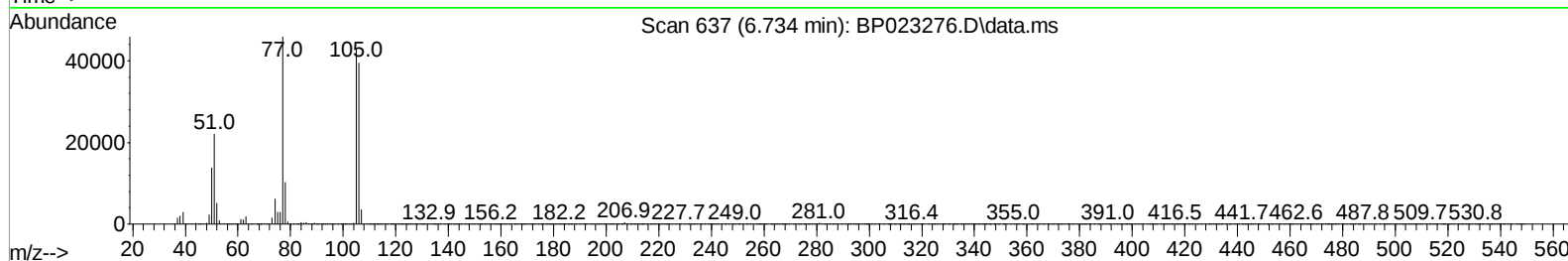
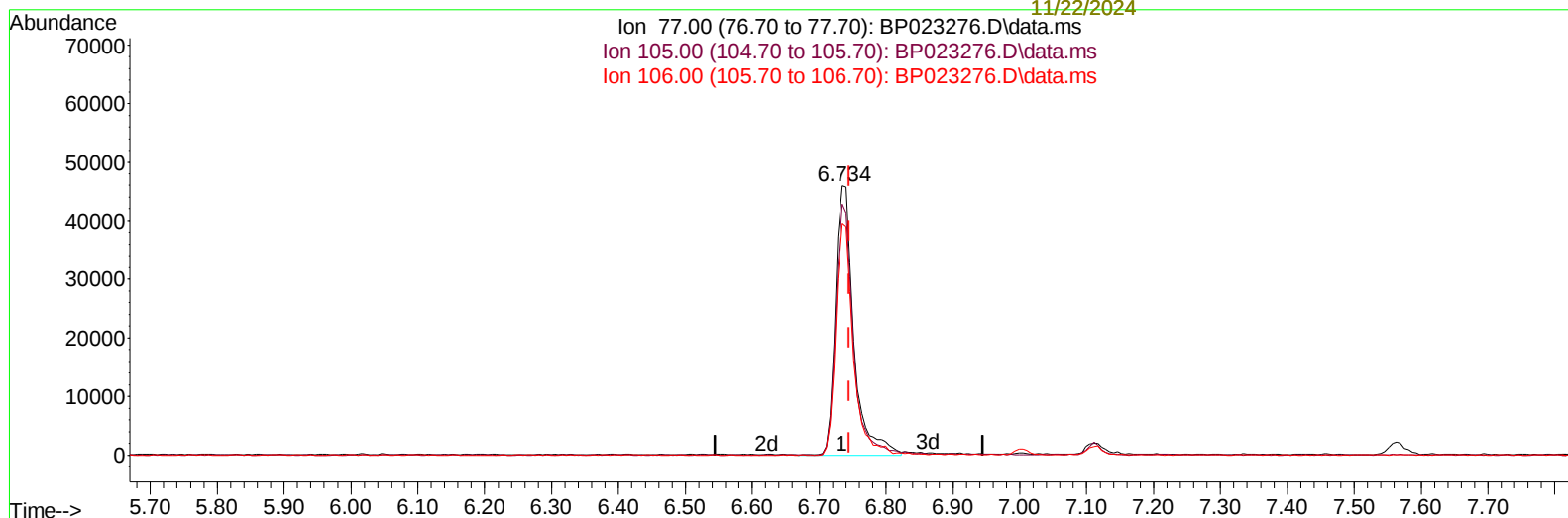
Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 21 23:49:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Reviewed By :Yogesh
 Patel
 11/22/2024

Supervised By :mohammad
 ahmed
 11/22/2024



TIC: BP023276.D\data.ms

(6) Benzaldehyde

6.734min (-0.012) 22.46 ng/u1

response 88318

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.60	93.19
106.00	81.90	86.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023276.D
 Acq On : 21 Nov 2024 08:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

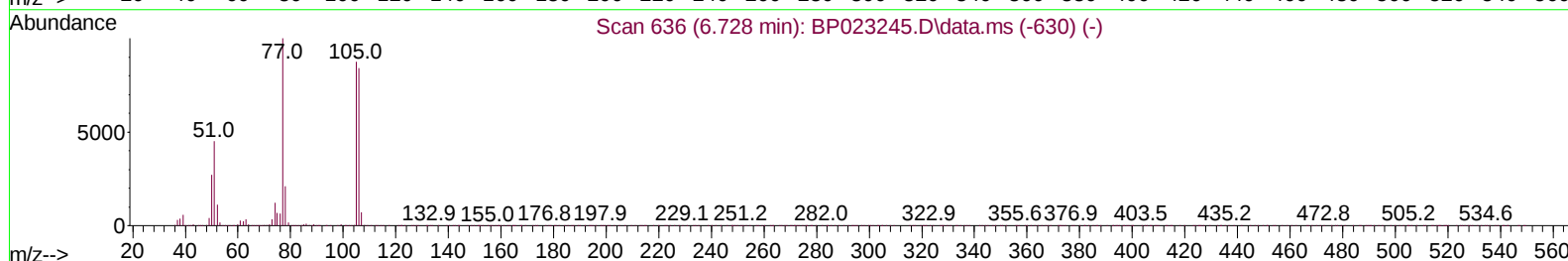
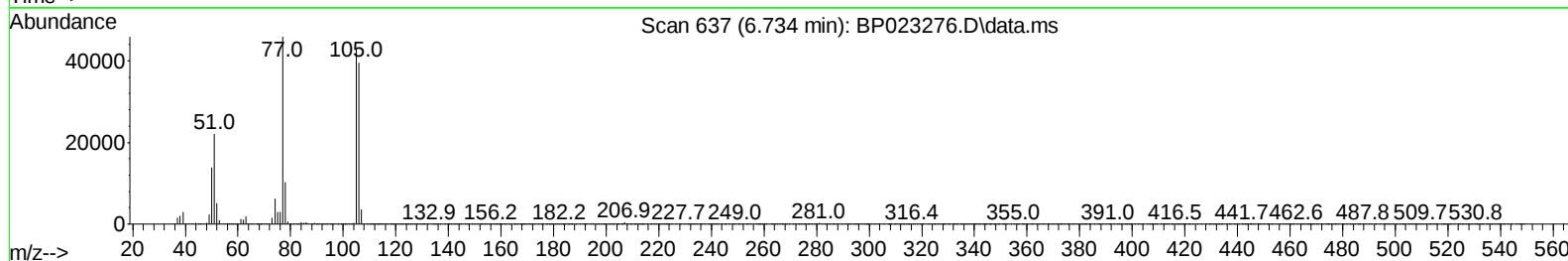
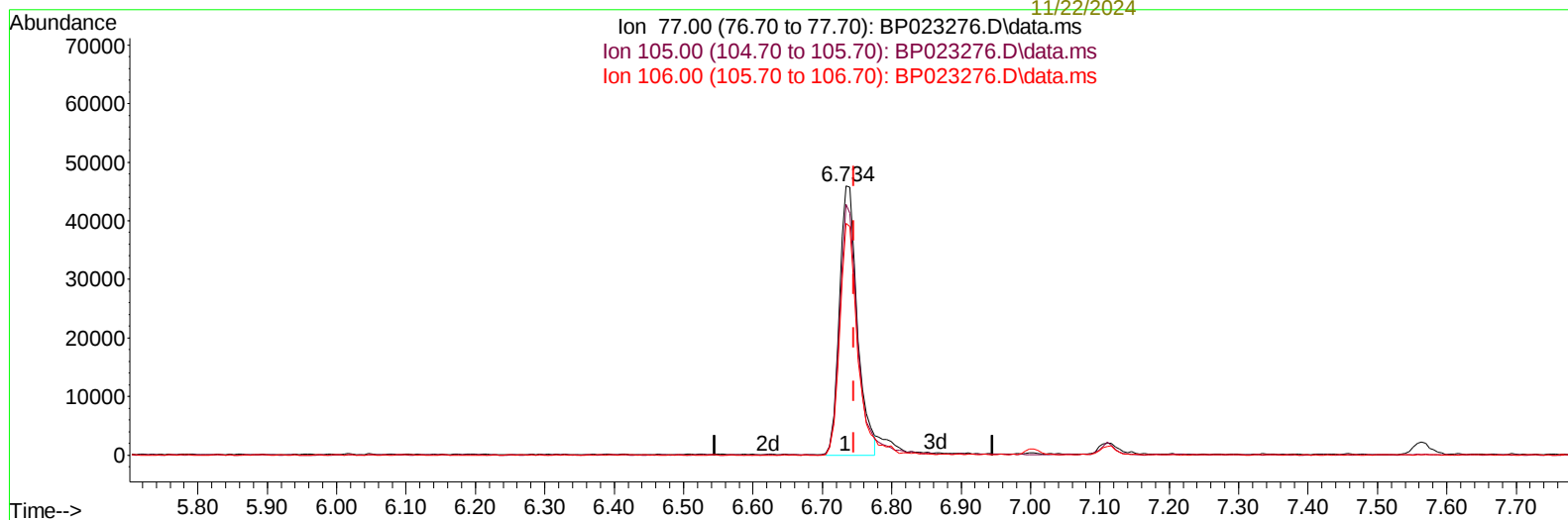
Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 21 23:49:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Reviewed By :Yogesh
 Patel
 11/22/2024

Supervised By :mohammad
 ahmed
 11/22/2024



TIC: BP023276.D\data.ms

(6) Benzaldehyde

6.734min (-0.012) 21.05 ng/ul m

response 82756

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.60	93.19
106.00	81.90	86.13
0.00	0.00	0.00

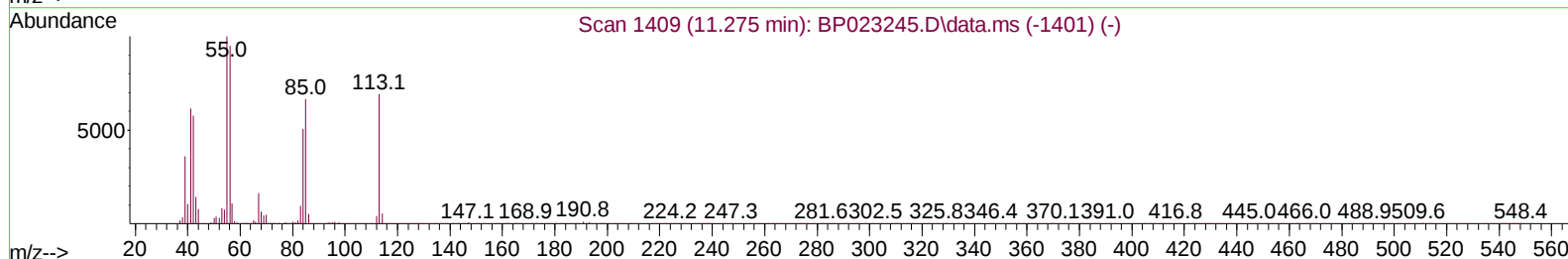
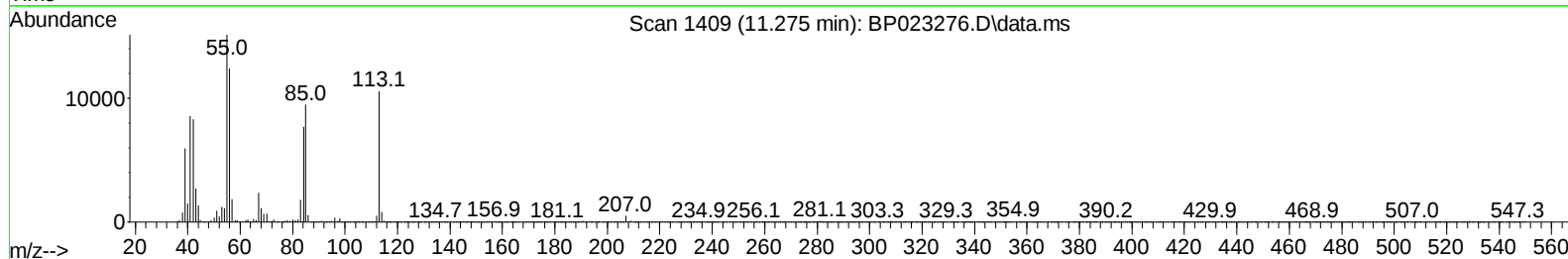
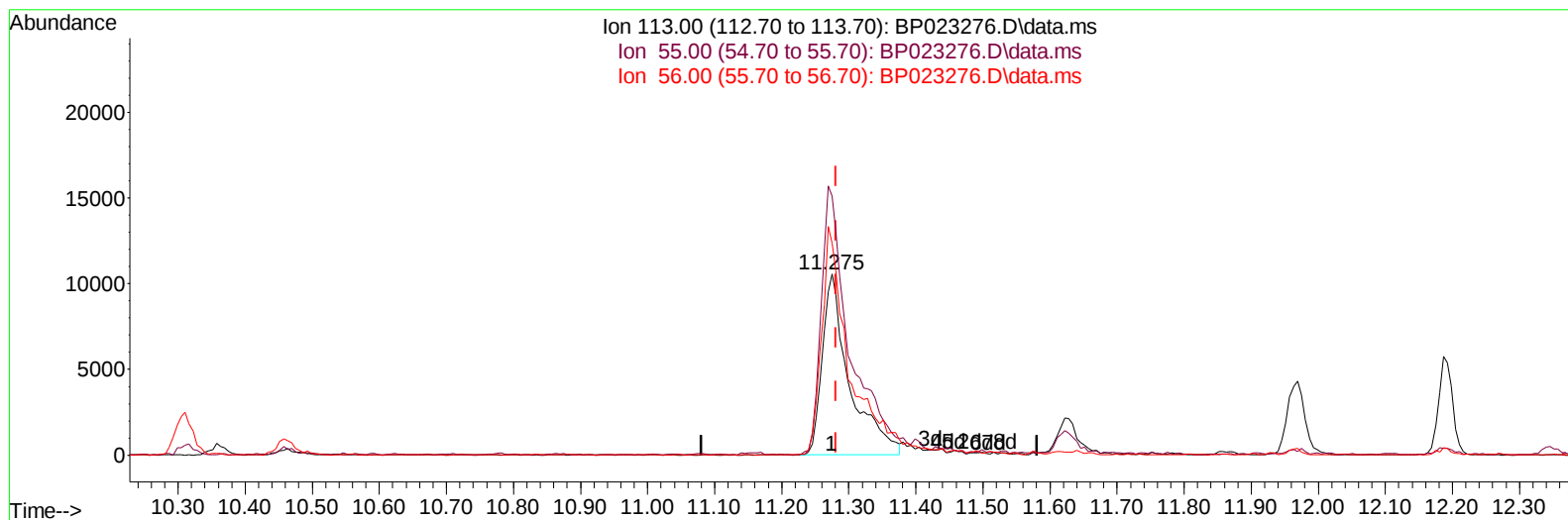
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023276.D
Acq On : 21 Nov 2024 08:36
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 21 23:49:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023276.D\data.ms

(34) Caprolactam

11.275min (-0.006) 17.67 ng/ul

response 29950

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	143.18
56.00	124.80	117.37
0.00	0.00	0.00

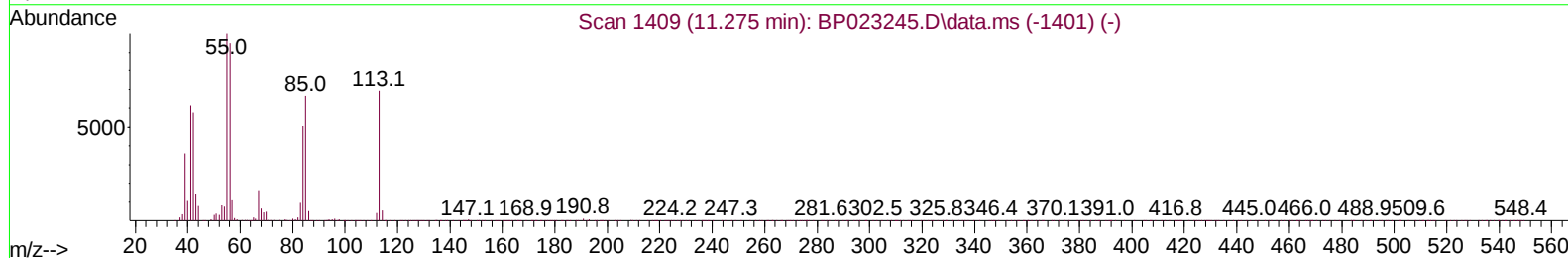
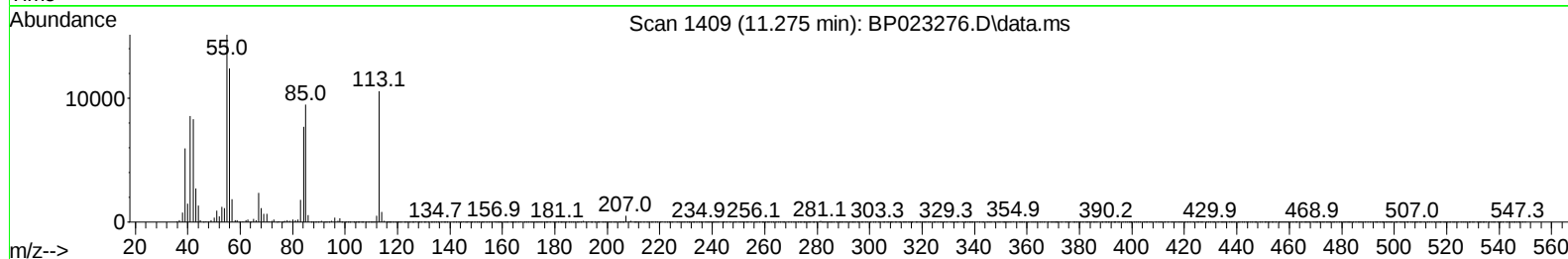
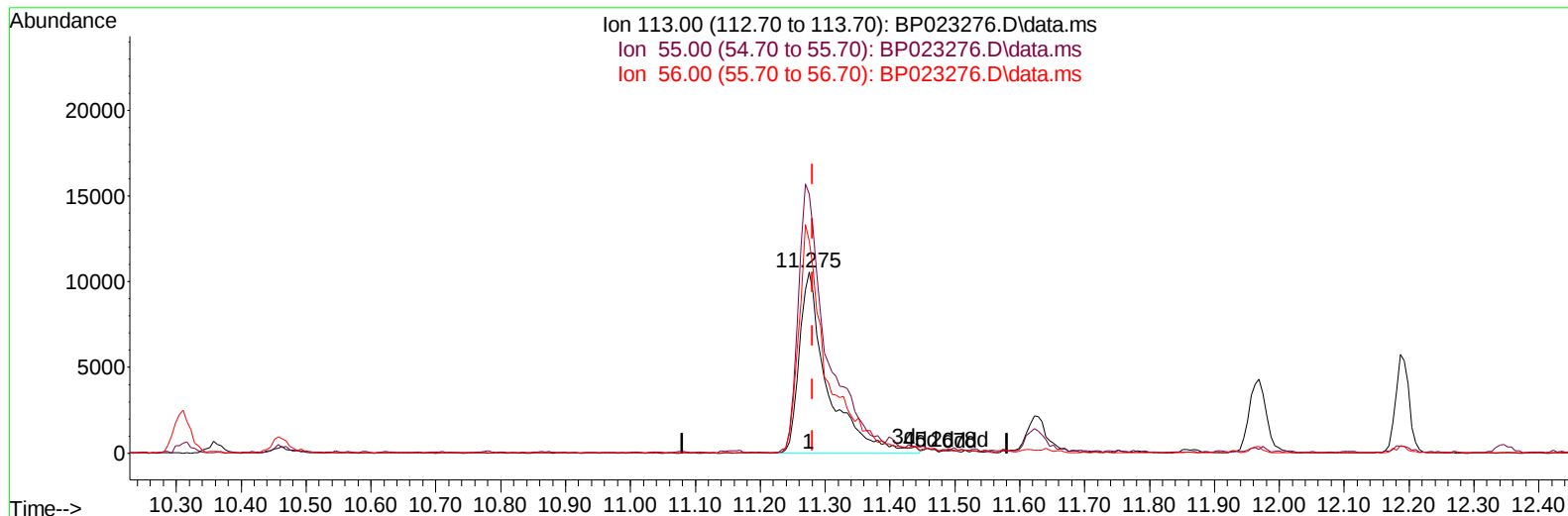
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023276.D
Acq On : 21 Nov 2024 08:36
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 21 23:49:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023276.D\data.ms

(34) Caprolactam

11.275min (-0.006) 18.65 ng/ul m

response 31610

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	143.18
56.00	124.80	117.37
0.00	0.00	0.00

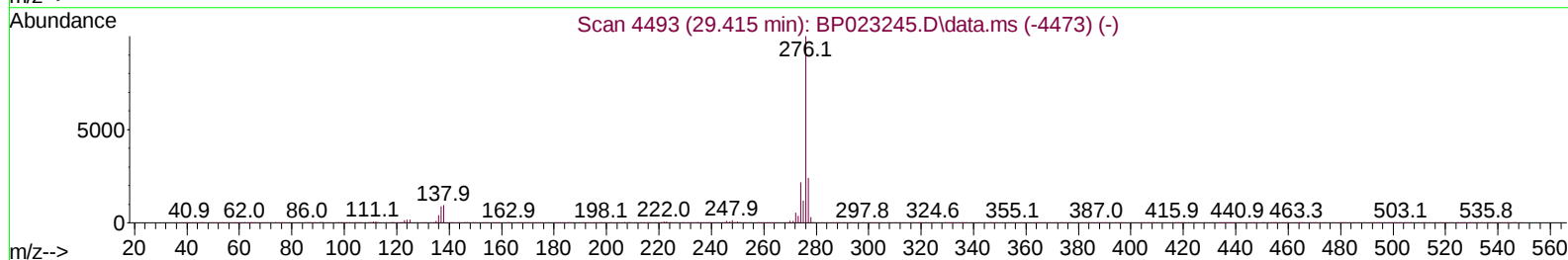
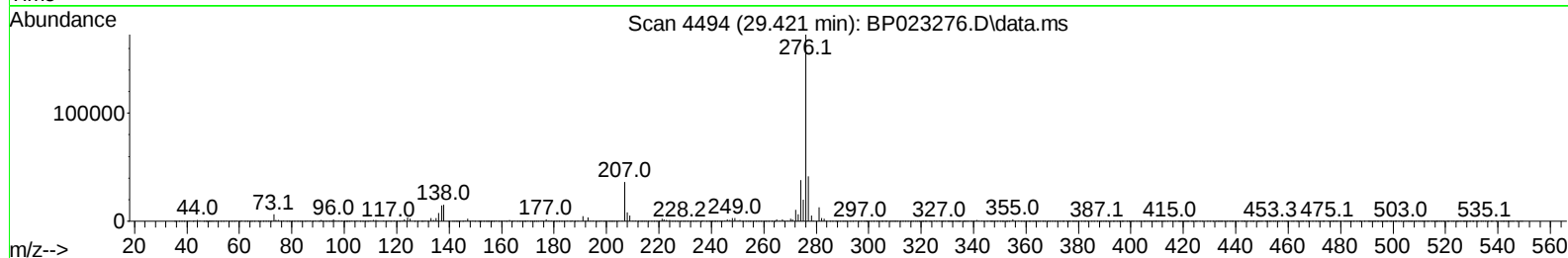
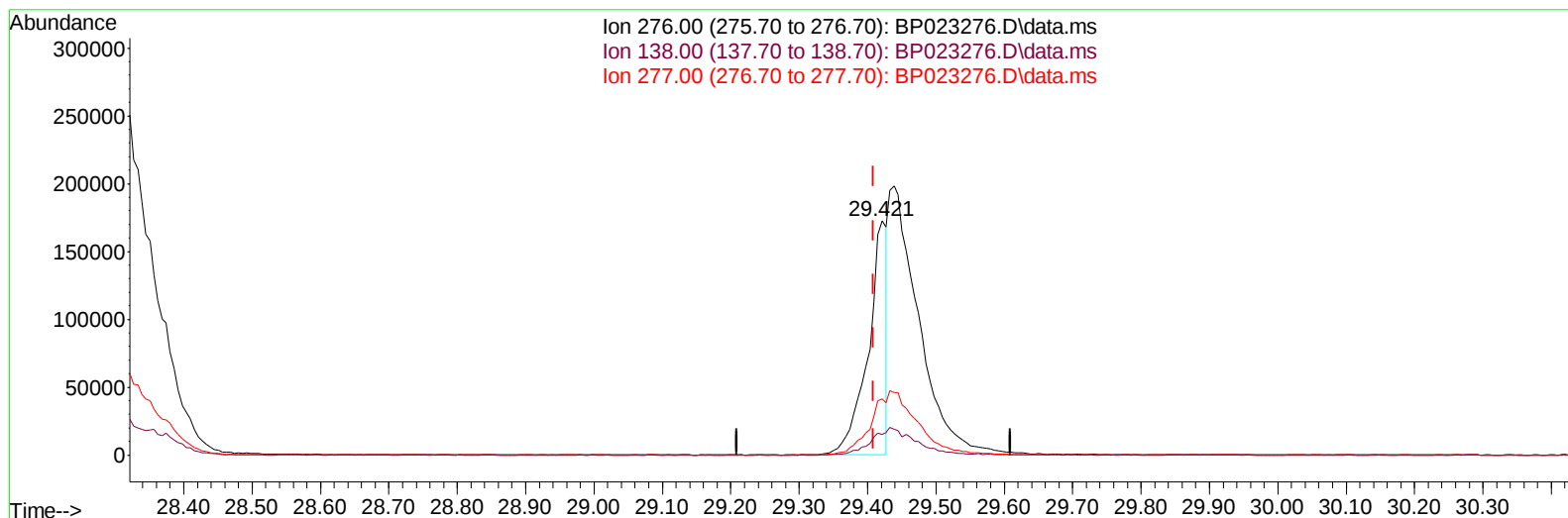
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023276.D
Acq On : 21 Nov 2024 08:36
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 21 23:49:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023276.D\data.ms

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

29.421min (+ 0.012) 7.78 ng/u1

response 330513

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	8.86
277.00	24.30	23.95
0.00	0.00	0.00

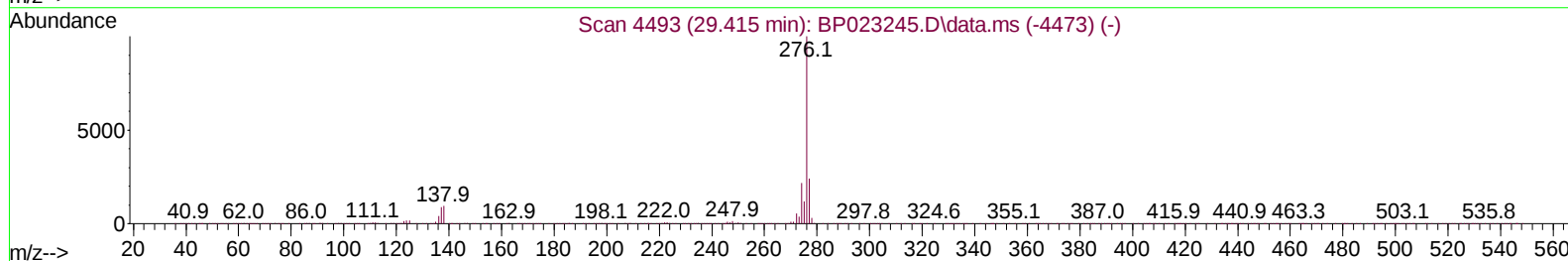
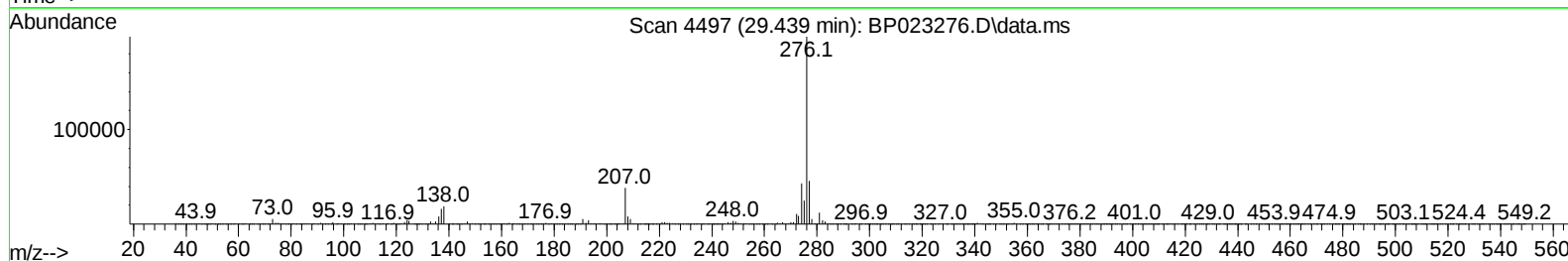
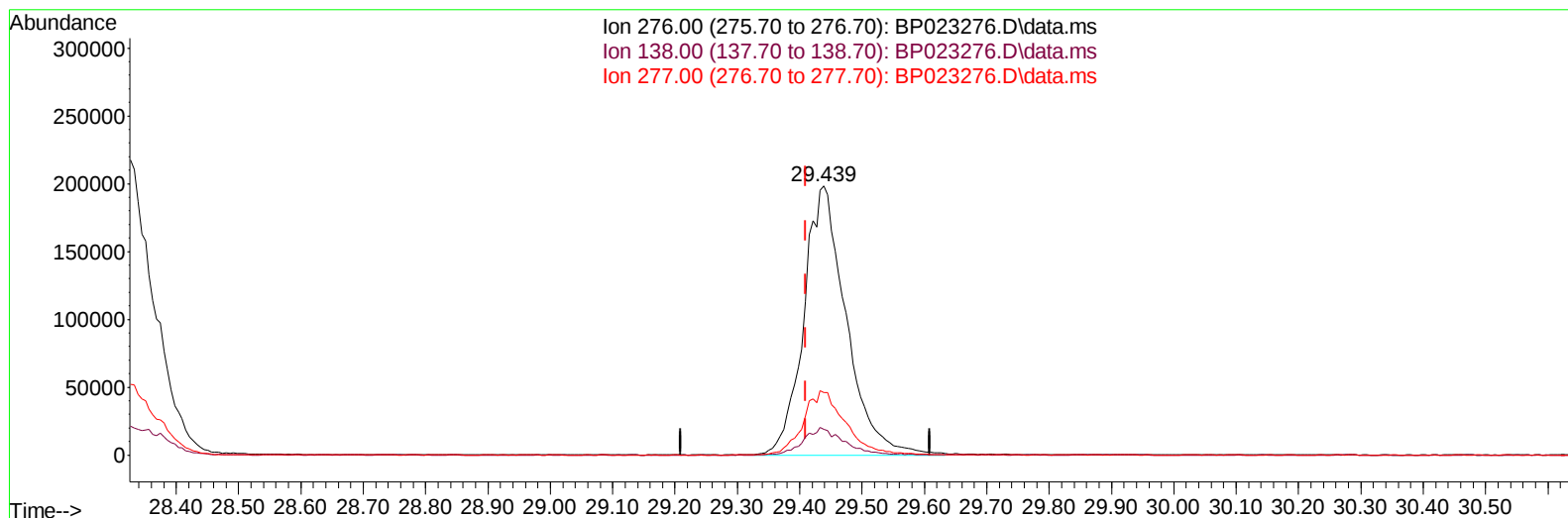
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023276.D
Acq On : 21 Nov 2024 08:36
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 21 23:49:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023276.D\data.ms

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

29.439min (+ 0.030) 22.04 ng/ul m

response 936050

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	9.61
277.00	24.30	23.18
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023276.D
 Acq On : 21 Nov 2024 08:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 21 23:55:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	92408	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	331030	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.181	164	241859	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.981	188	587546	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.439	240	659295	20.000	ng/ul	0.02
88) Perylene-d12	24.663	264	797593	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	16982	8.833	ng/uL	0.00
4) Pyridine-d5	3.546	84	117864	20.635	ng/ul	0.00
7) Phenol-d5	6.769	99	138954	20.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	84694	21.100	ng/ul	0.00
11) 2-Chlorophenol-d4	7.111	132	111065	22.197	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	109270	19.436	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	52369	22.724	ng/ul	0.00
24) 2-Nitrophenol-d4	9.416	143	58921	21.446	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	126078	21.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	128943	18.785	ng/ul	-0.01
46) Dimethylphthalate-d6	13.593	166	373525	21.428	ng/ul	0.00
49) Acenaphthylene-d8	13.869	160	407342	22.396	ng/ul	0.00
54) 4-Nitrophenol-d4	14.445	143	38545	14.714	ng/ul	-0.01
60) Fluorene-d10	15.187	176	326640	21.373	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.357	200	64223	18.247	ng/ul	0.00
73) Anthracene-d10	17.098	188	552902	22.225	ng/ul	0.00
81) Pyrene-d10	19.480	212	695706	22.909	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.439	264	834160	21.956	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.164	88	19568	8.809	ng/uL	97
5) Pyridine	3.564	79	121545	21.189	ng/ul	97
6) Benzaldehyde	6.734	77	82756m	21.049	ng/ul	
8) Phenol	6.799	94	144445	20.247	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.999	93	112756	21.032	ng/ul	97
12) 2-Chlorophenol	7.140	128	109985	21.172	ng/ul	97
13) 2-Methylphenol	8.016	108	105565	19.823	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.075	45	128701	21.206	ng/ul	97
16) Acetophenone	8.375	105	181854	19.249	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.358	70	90604	19.207	ng/ul	99
18) 4-Methylphenol	8.340	108	110890	18.852	ng/ul	100
19) Hexachloroethane	8.610	117	52056	20.720	ng/ul	96
22) Nitrobenzene	8.746	77	153492	23.212	ng/ul	99
23) Isophorone	9.263	82	250508	21.187	ng/ul	99
25) 2-Nitrophenol	9.446	139	61568	21.231	ng/ul	98
26) 2,4-Dimethylphenol	9.510	107	131820	21.051	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.734	93	143013	21.982	ng/ul	99
29) 2,4-Dichlorophenol	9.981	162	122536	21.501	ng/ul	98
30) Naphthalene	10.357	128	352590	21.924	ng/ul	99
32) 4-Chloroaniline	10.481	127	122775	18.462	ng/ul	94
33) Hexachlorobutadiene	10.634	225	109758	21.285	ng/ul	99
34) Caprolactam	11.275	113	31610m	18.648	ng/ul	
35) 4-Chloro-3-methylphenol	11.622	107	125940	20.542	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023276.D
 Acq On : 21 Nov 2024 08:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 21 23:55:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.969	142	246282	20.285	ng/ul	99
37) 1-Methylnaphthalene	12.193	142	254355	20.493	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.351	216	188378	23.071	ng/ul	96
40) Hexachlorocyclopentadiene	12.310	237	55522	12.946	ng/ul	98
41) 2,4,6-Trichlorophenol	12.604	196	112673	22.662	ng/ul	96
42) 2,4,5-Trichlorophenol	12.687	196	115998	21.641	ng/ul	98
43) 1,1'-Biphenyl	12.993	154	352215	22.727	ng/ul	99
44) 2-Chloronaphthalene	13.040	162	291840	23.036	ng/ul	99
45) 2-Nitroaniline	13.275	65	81066	22.789	ng/ul	92
47) Dimethylphthalate	13.634	163	375368	21.835	ng/ul	99
48) 2,6-Dinitrotoluene	13.763	165	74958	22.416	ng/ul	98
50) Acenaphthylene	13.904	152	436670	23.751	ng/ul	99
51) 3-Nitroaniline	14.110	138	63726	22.126	ng/ul	95
52) Acenaphthene	14.251	153	297405	22.281	ng/ul	99
53) 2,4-Dinitrophenol	14.345	184	40292	16.981	ng/ul	93
55) 4-Nitrophenol	14.469	109	47305	15.435	ng/ul	94
56) Dibenzofuran	14.592	168	442279	21.446	ng/ul	100
57) 2,4-Dinitrotoluene	14.592	165	112722	21.150	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.822	232	112901	21.548	ng/ul	96
59) Diethylphthalate	15.022	149	363745	21.394	ng/ul	98
61) Fluorene	15.251	166	367558	21.775	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.251	204	215082	21.641	ng/ul	98
63) 4-Nitroaniline	15.304	138	59635	22.251	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.375	198	66483	17.682	ng/ul	100
67) N-Nitrosodiphenylamine	15.469	169	306594	22.582	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	152302	22.891	ng/ul	96
69) Hexachlorobenzene	16.275	284	186695	22.290	ng/ul	97
70) Atrazine	16.451	200	131220	19.995	ng/ul	98
71) Pentachlorophenol	16.645	266	104097	20.018	ng/ul	98
72) Phenanthrene	17.034	178	627276	22.612	ng/ul	98
74) Anthracene	17.134	178	636722	22.829	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	187628	24.187	ng/uL	96
76) Pentachlorobenzene	14.504	250	199578	22.532	ng/uL	97
77) Carbazole	17.422	167	539312	22.163	ng/ul	99
78) Di-n-butylphthalate	17.992	149	607959	22.514	ng/ul	100
80) Fluoranthene	19.128	202	830941	23.751	ng/ul	99
82) Pyrene	19.510	202	863589	22.978	ng/ul	99
83) Butylbenzylphthalate	20.469	149	302657	24.459	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.345	252	299520	20.239	ng/ul	98
85) Benzo(a)anthracene	21.416	228	910620	22.620	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	419620	23.863	ng/ul	98
87) Chrysene	21.486	228	867249	22.895	ng/ul	98
89) Di-n-octyl phthalate	22.563	149	724474	22.389	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1009420	22.738	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	983124	22.496	ng/ul#	99
93) Benzo(a)pyrene	24.510	252	928724	23.142	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.321	276	1180857	21.120	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.374	278	968104	21.325	ng/ul	99
96) Benzo(g,h,i)perylene	29.439	276	936050m	22.041	ng/ul	

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

