

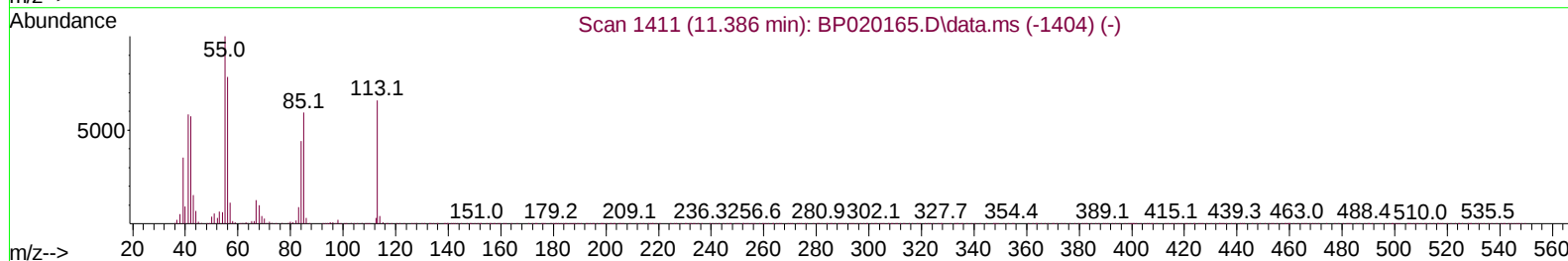
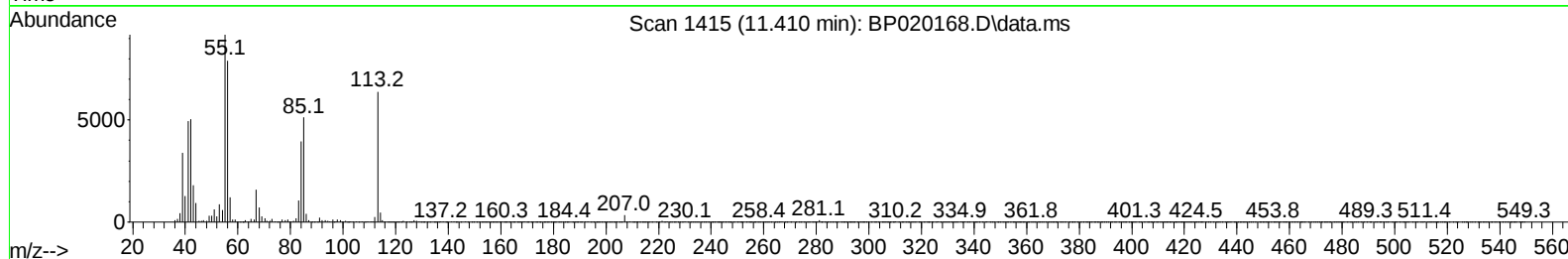
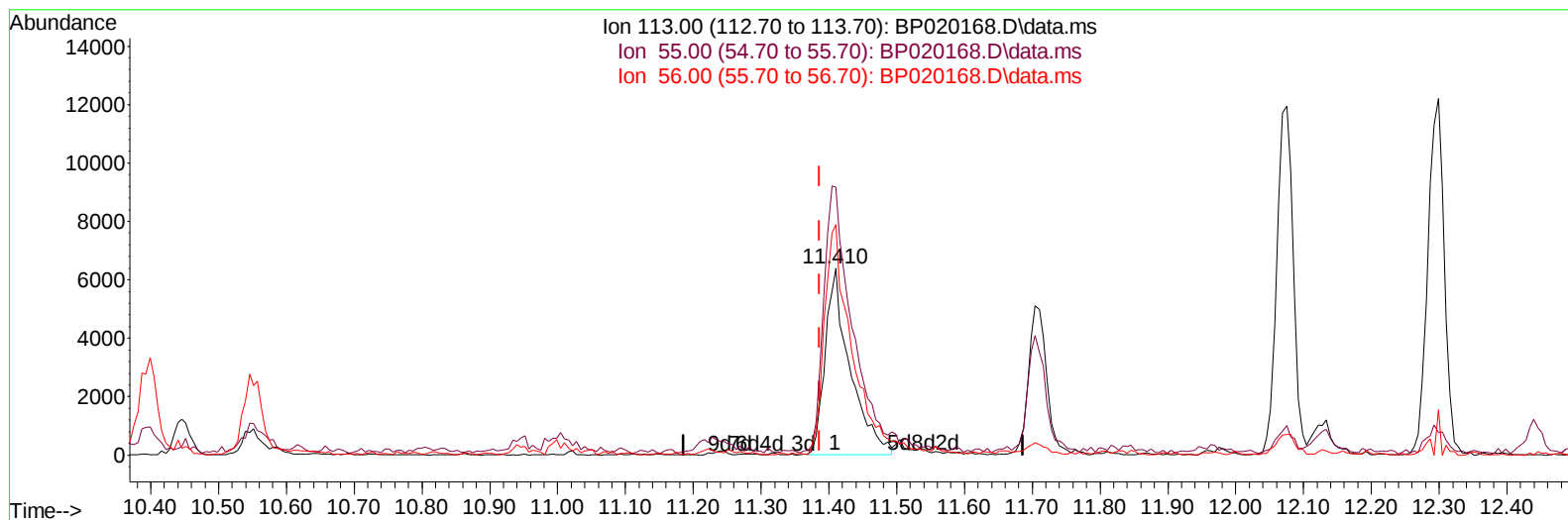
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020168.D
 Acq On : 03 May 2024 08:25
 Operator : MA/JU
 Sample : P2220-04MS 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0813MS

Manual IntegrationsAPPROVED

Quant Time: May 03 11:48:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024



TIC: BP020168.D\data.ms

(34) Caprolactam

11.410min (+ 0.024) 7.15 ng/ul

response 16208

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	143.63
56.00	131.80	123.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020168.D
 Acq On : 03 May 2024 08:25
 Operator : MA/JU
 Sample : P2220-04MS 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_P

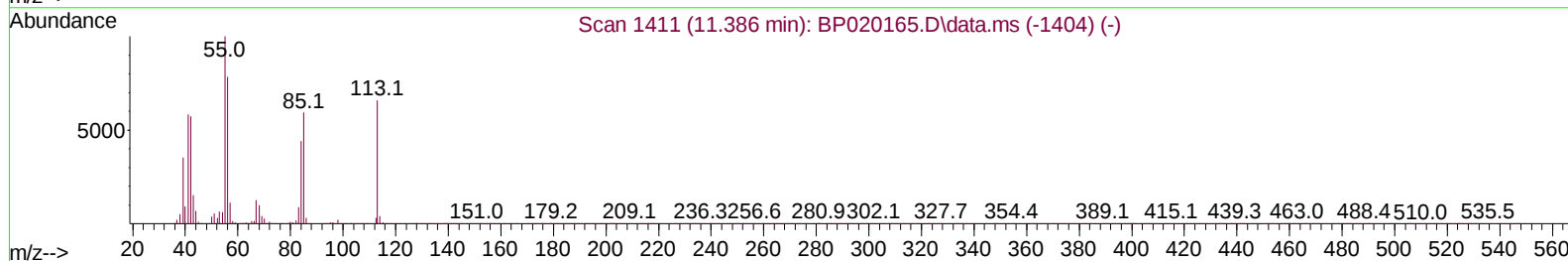
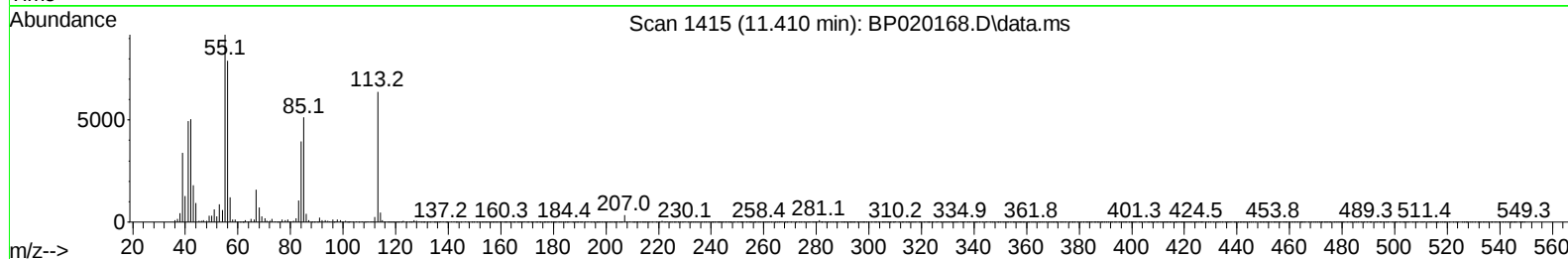
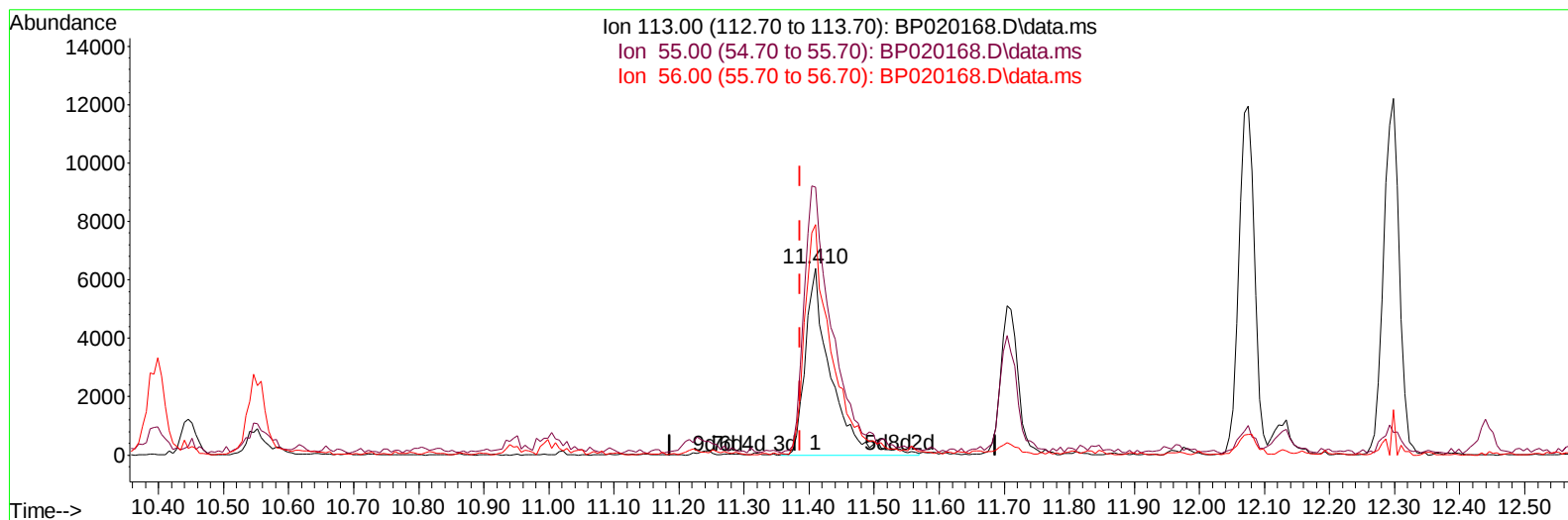
ClientSampleId :

E0813MS

Manual IntegrationsAPPROVED

Quant Time: May 03 11:48:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024



TIC: BP020168.D\data.ms

(34) Caprolactam

11.410min (+ 0.024) 7.61 ng/ul m

response 17262

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	143.63
56.00	131.80	123.63
0.00	0.00	0.00

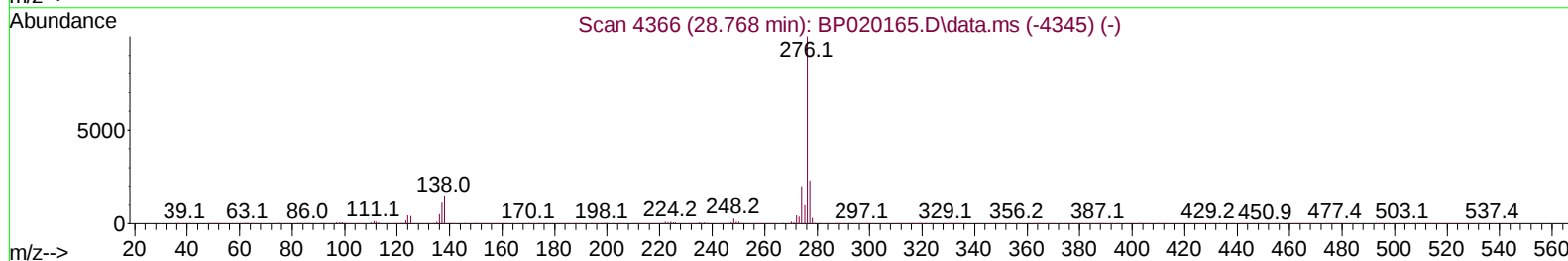
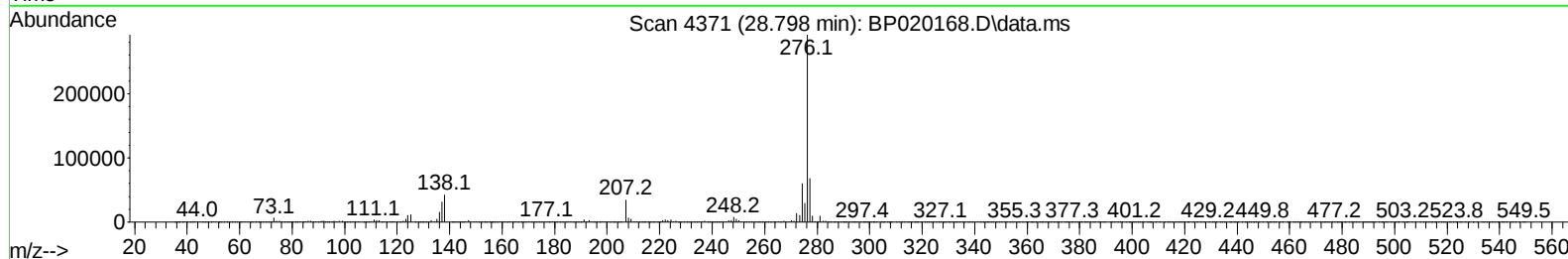
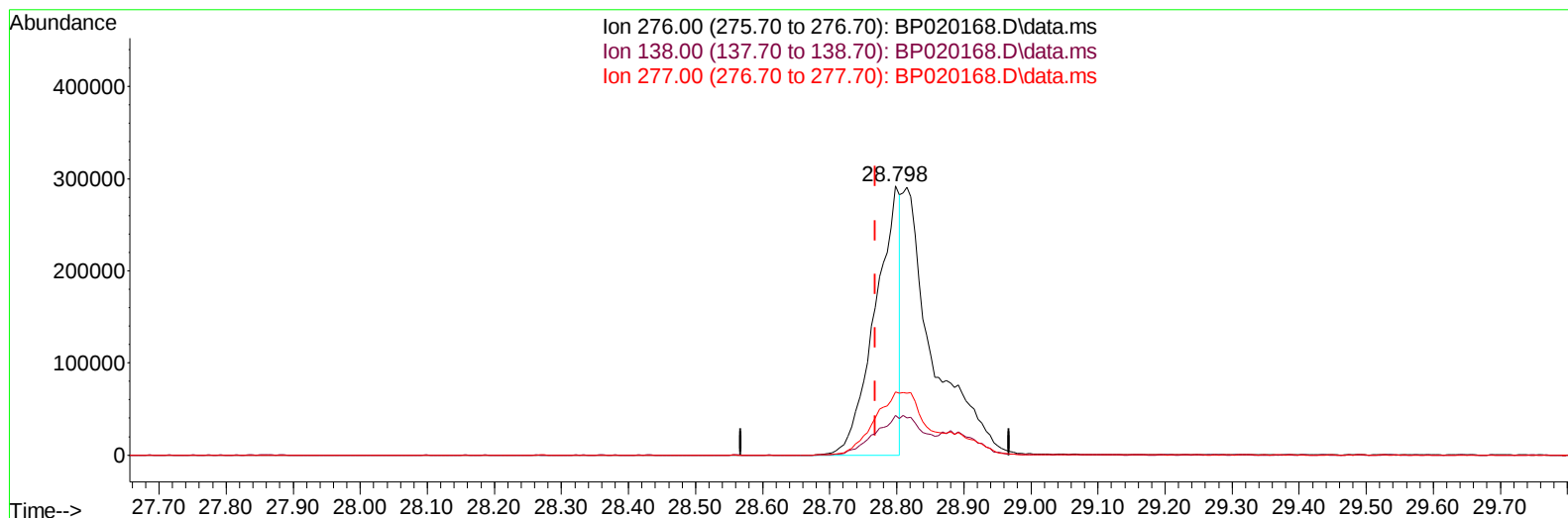
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020168.D
Acq On : 03 May 2024 08:25
Operator : MA/JU
Sample : P2220-04MS 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0813MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 11:48:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration



TIC: BP020168.D\data.ms

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

28.798min (+ 0.030) 20.74 ng/u1

response 746617

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.75
277.00	23.70	23.53
0.00	0.00	0.00

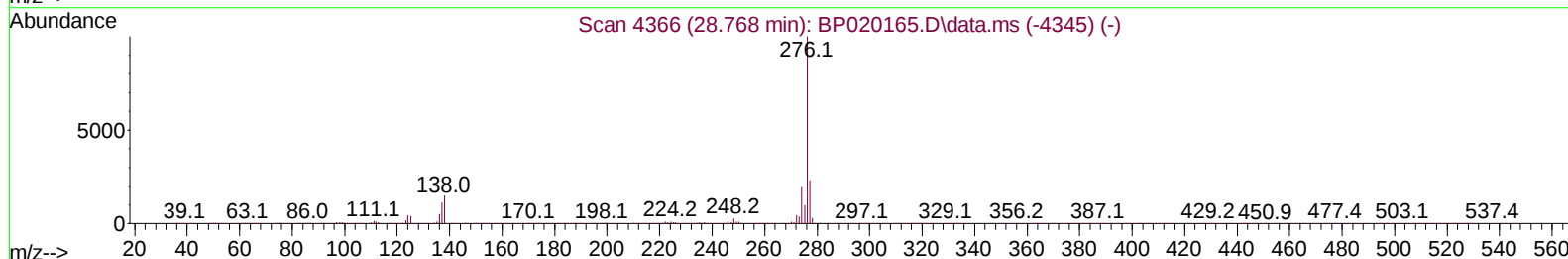
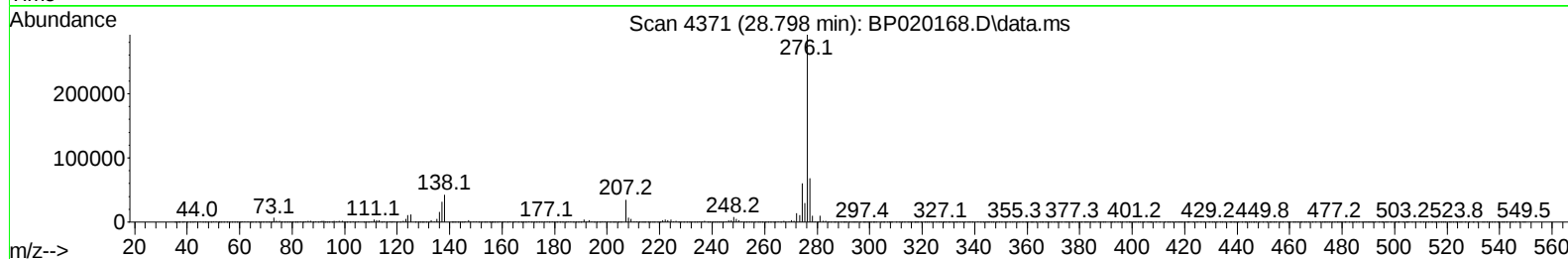
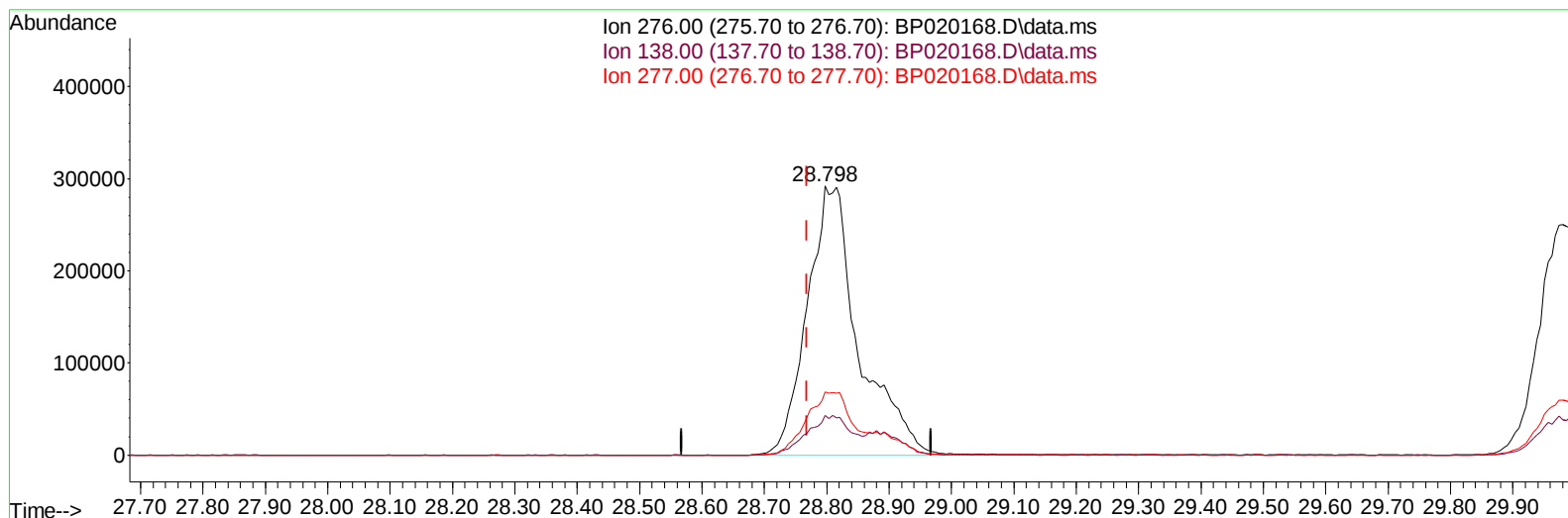
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020168.D
 Acq On : 03 May 2024 08:25
 Operator : MA/JU
 Sample : P2220-04MS 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0813MS

Manual IntegrationsAPPROVED

Quant Time: May 03 11:48:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024



TIC: BP020168.D\data.ms

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

28.798min (+ 0.030) 46.47 ng/ul m

response 1672565

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.75
277.00	23.70	23.53
0.00	0.00	0.00

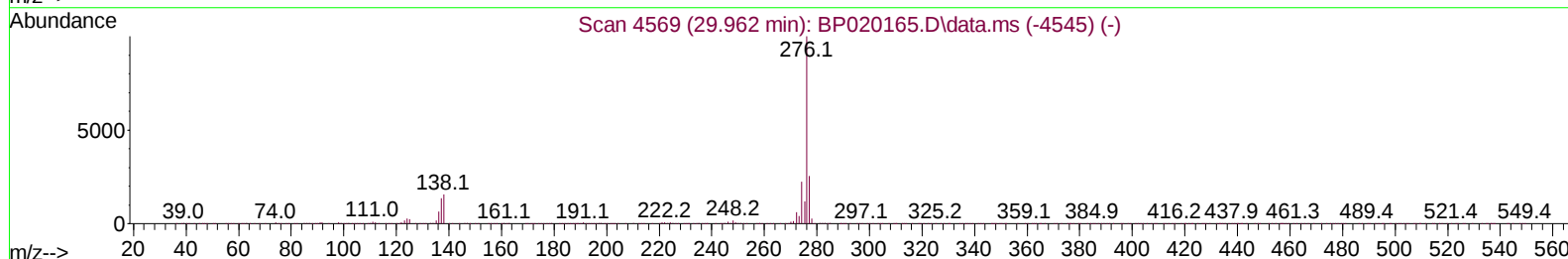
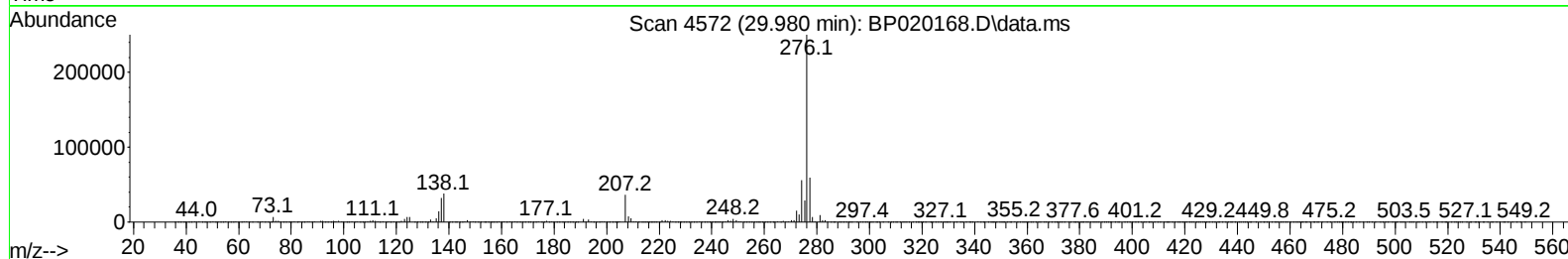
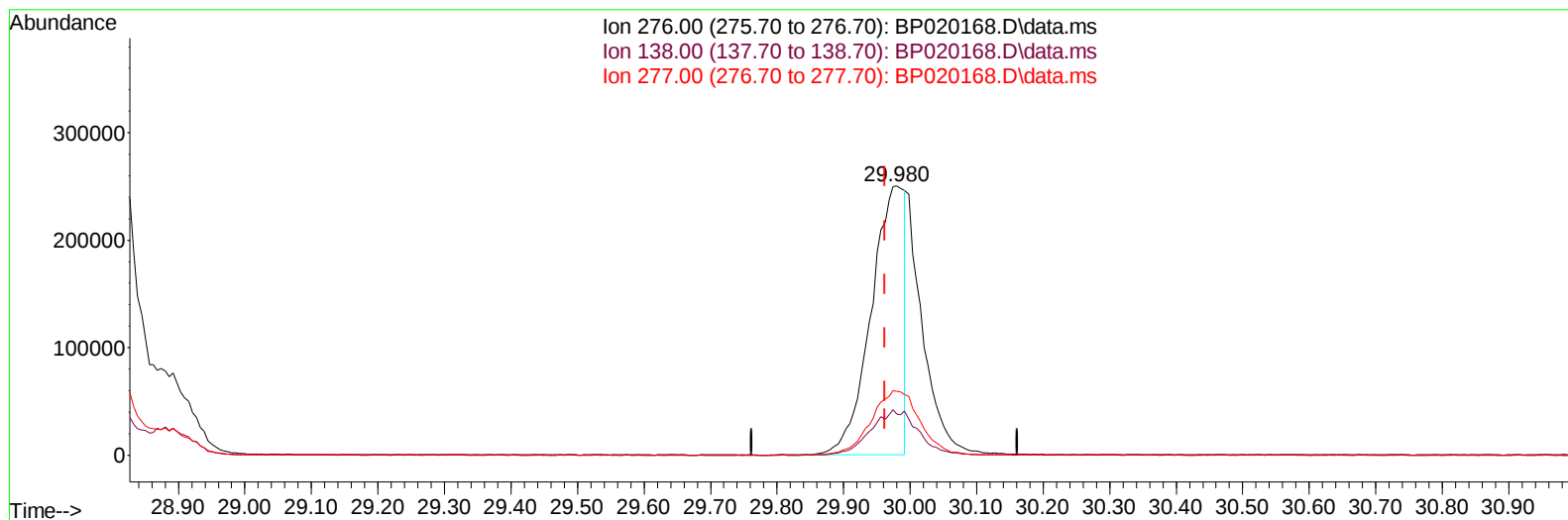
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020168.D
Acq On : 03 May 2024 08:25
Operator : MA/JU
Sample : P2220-04MS 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0813MS

Manual IntegrationsAPPROVED

Quant Time: May 03 11:48:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BP020168.D\data.ms

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

29.980min (+ 0.018) 30.25 ng/u1

response 878050

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.18
277.00	24.20	23.72
0.00	0.00	0.00

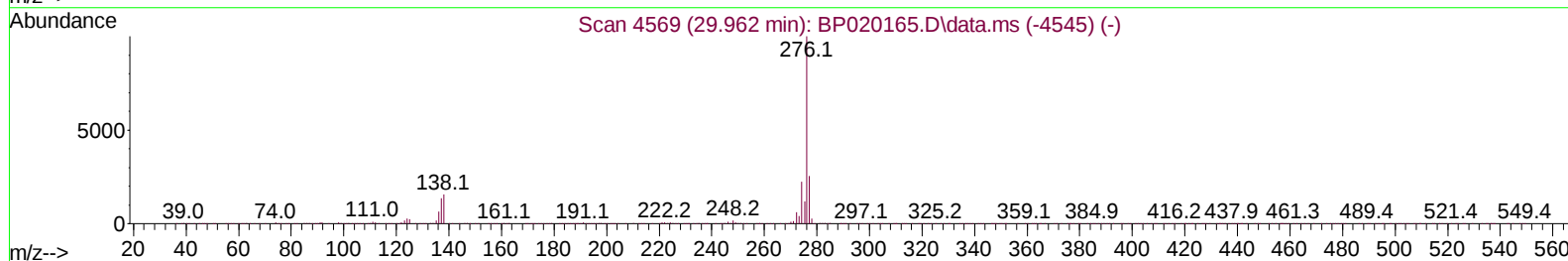
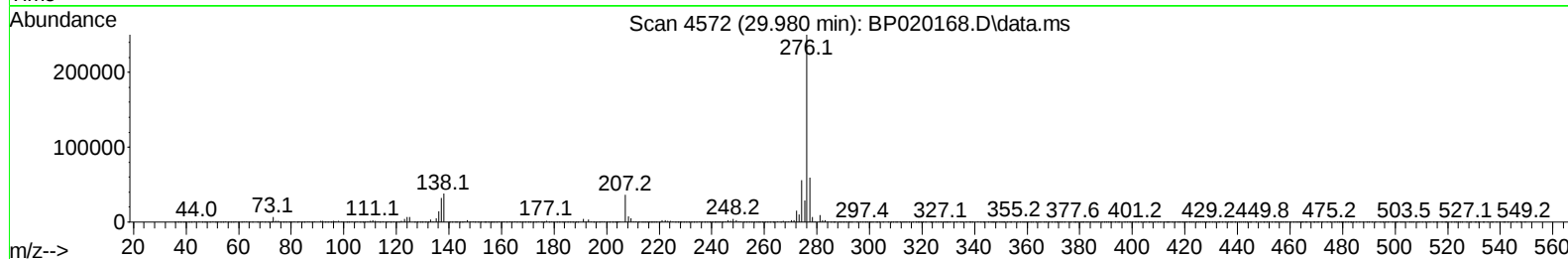
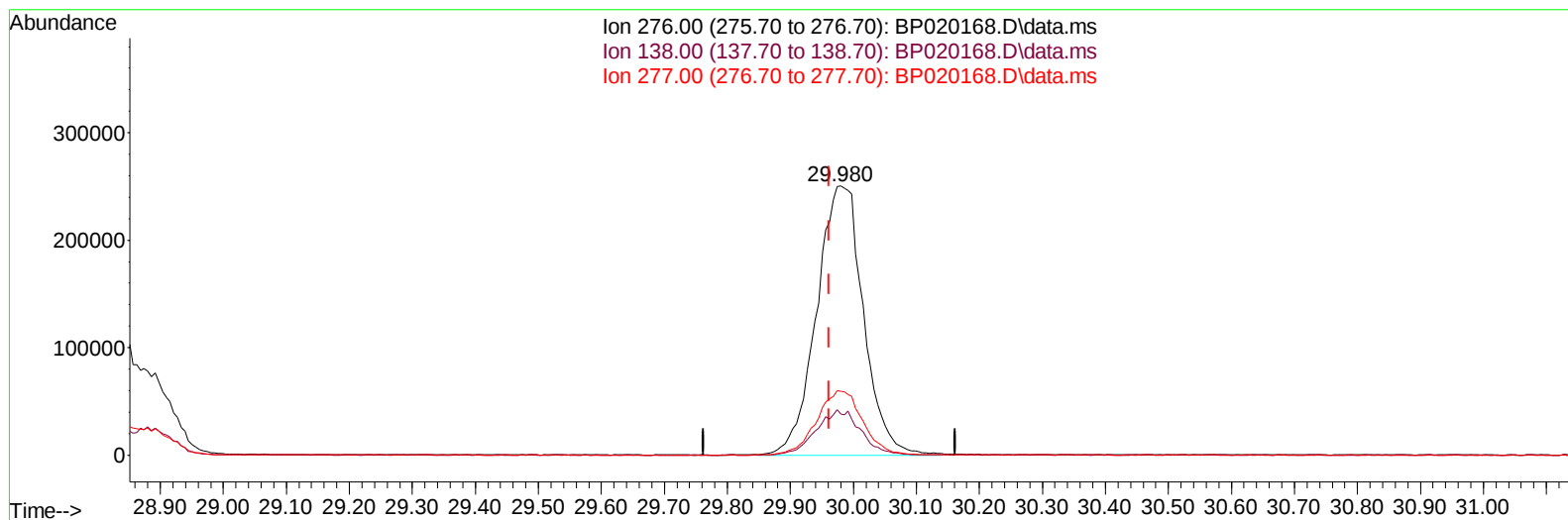
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020168.D
Acq On : 03 May 2024 08:25
Operator : MA/JU
Sample : P2220-04MS 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0813MS

Manual IntegrationsAPPROVED

Quant Time: May 03 11:48:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BP020168.D\data.ms

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

29.980min (+ 0.018) 44.55 ng/ul m

response 1293251

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.18
277.00	24.20	23.72
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020168.D
 Acq On : 03 May 2024 08:25
 Operator : MA/JU
 Sample : P2220-04MS 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0813MS

Manual IntegrationsAPPROVED

Quant Time: May 03 11:50:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	96188	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	426756	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	306507	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	682923	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	622943	20.000	ng/ul	0.01
88) Perylene-d12	24.992	264	518713	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	5637	2.475	ng/uL	0.00
4) Pyridine-d5	3.622	84	77237	11.671	ng/ul	0.00
7) Phenol-d5	6.816	99	71799	8.692	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	205653	40.983	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	187871	31.814	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	137604	20.604	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	135660	42.451	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	151751	41.467	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	259800	38.903	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	340718	36.454	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1037904	46.370	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	1087029	43.964	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	31704	9.216	ng/ul	0.01
60) Fluorene-d10	15.322	176	876800	46.965	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	208669	48.151	ng/ul	0.00
73) Anthracene-d10	17.239	188	1402489	47.472	ng/ul	0.00
81) Pyrene-d10	19.645	212	1731309	47.545	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.751	264	1297684	51.741	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	13786	5.334	ng/ul#	1
5) Pyridine	3.646	79	84297	12.594	ng/ul	97
6) Benzaldehyde	6.793	77	240885	58.015	ng/ul	95
8) Phenol	6.840	94	79419	9.315	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	260306	39.017	ng/ul	97
12) 2-Chlorophenol	7.199	128	191206	31.012	ng/ul	98
13) 2-Methylphenol	8.069	108	152250	23.940	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	326581	39.241	ng/ul	99
16) Acetophenone	8.452	105	478526	43.172	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	256204	42.594	ng/ul	98
18) 4-Methylphenol	8.399	108	148348	21.461	ng/ul	99
19) Hexachloroethane	8.669	117	98362	34.886	ng/ul	99
22) Nitrobenzene	8.828	77	368415	40.159	ng/ul	99
23) Isophorone	9.346	82	715757	40.575	ng/ul	99
25) 2-Nitrophenol	9.528	139	154502	40.759	ng/ul	97
26) 2,4-Dimethylphenol	9.587	107	177361	21.446	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	386342	39.505	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	253058	38.958	ng/ul	98
30) Naphthalene	10.446	128	865751	39.358	ng/ul	99
32) 4-Chloroaniline	10.575	127	322601	35.296	ng/ul	97
33) Hexachlorobutadiene	10.710	225	189439	37.548	ng/ul	98
34) Caprolactam	11.410	113	17262m	7.611	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	297438	36.776	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020168.D
 Acq On : 03 May 2024 08:25
 Operator : MA/JU
 Sample : P2220-04MS 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0813MS

Manual IntegrationsAPPROVED

Quant Time: May 03 11:50:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	643139	42.022	ng/ul	96
37) 1-Methylnaphthalene	12.298	142	659965	42.851	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	397358	41.568	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	129776	24.963	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	259694	43.321	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	279658	43.354	ng/ul	95
43) 1,1'-Biphenyl	13.104	154	901108	41.566	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	697909	40.570	ng/ul	99
45) 2-Nitroaniline	13.381	65	272928	47.831	ng/ul	96
47) Dimethylphthalate	13.763	163	1035248	45.790	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	218613	48.640	ng/ul	95
50) Acenaphthylene	14.016	152	1164432	41.870	ng/ul	99
51) 3-Nitroaniline	14.240	138	198363	47.319	ng/ul	98
52) Acenaphthene	14.363	153	778385	41.649	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	139862	50.697	ng/ul	93
55) 4-Nitrophenol	14.569	109	35234	9.837	ng/ul	97
56) Dibenzofuran	14.710	168	1150973	44.778	ng/ul	100
57) 2,4-Dinitrotoluene	14.710	165	332128	51.398	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.951	232	275441	47.551	ng/ul	97
59) Diethylphthalate	15.163	149	1085410	48.094	ng/ul	100
61) Fluorene	15.381	166	971891	45.506	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	527702	46.574	ng/ul	96
63) 4-Nitroaniline	15.434	138	193378	55.354	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.487	198	215038	47.587	ng/ul	99
67) N-Nitrosodiphenylamine	15.604	169	864239	45.450	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	343985	46.502	ng/ul	97
69) Hexachlorobenzene	16.404	284	400956	46.799	ng/ul	99
70) Atrazine	16.610	200	369583	54.814	ng/ul	99
71) Pentachlorophenol	16.775	266	239382	46.225	ng/ul	100
72) Phenanthrene	17.181	178	1610006	46.207	ng/ul	99
74) Anthracene	17.275	178	1578783	44.549	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	396970	39.111	ng/uL	98
76) Pentachlorobenzene	14.622	250	442772	43.593	ng/uL	99
77) Carbazole	17.569	167	1463261	47.929	ng/ul	100
78) Di-n-butylphthalate	18.175	149	1937113	52.346	ng/ul	99
80) Fluoranthene	19.292	202	2000592	46.684	ng/ul	99
82) Pyrene	19.675	202	2099677	47.090	ng/ul	98
83) Butylbenzylphthalate	20.639	149	859589	50.785	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.539	252	565915	44.637	ng/ul	97
85) Benzo(a)anthracene	21.610	228	1942280	45.969	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	1242824	50.898	ng/ul	99
87) Chrysene	21.680	228	1802356	46.025	ng/ul	100
89) Di-n-octyl phthalate	22.851	149	1914557	57.633	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	1612636	52.263	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	1660884	52.818	ng/ul	99
93) Benzo(a)pyrene	24.827	252	1294306	44.084	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.798	276	1672565m	46.471	ng/ul	
95) Dibenzo(a,h)anthracene	28.892	278	1357614	45.604	ng/ul	99
96) Benzo(g,h,i)perylene	29.980	276	1293251m	44.552	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

E0813MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024

Supervised By :mohammad ahmed 05/06/2024

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 11:50:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

