Quantitation Report (Qedit)

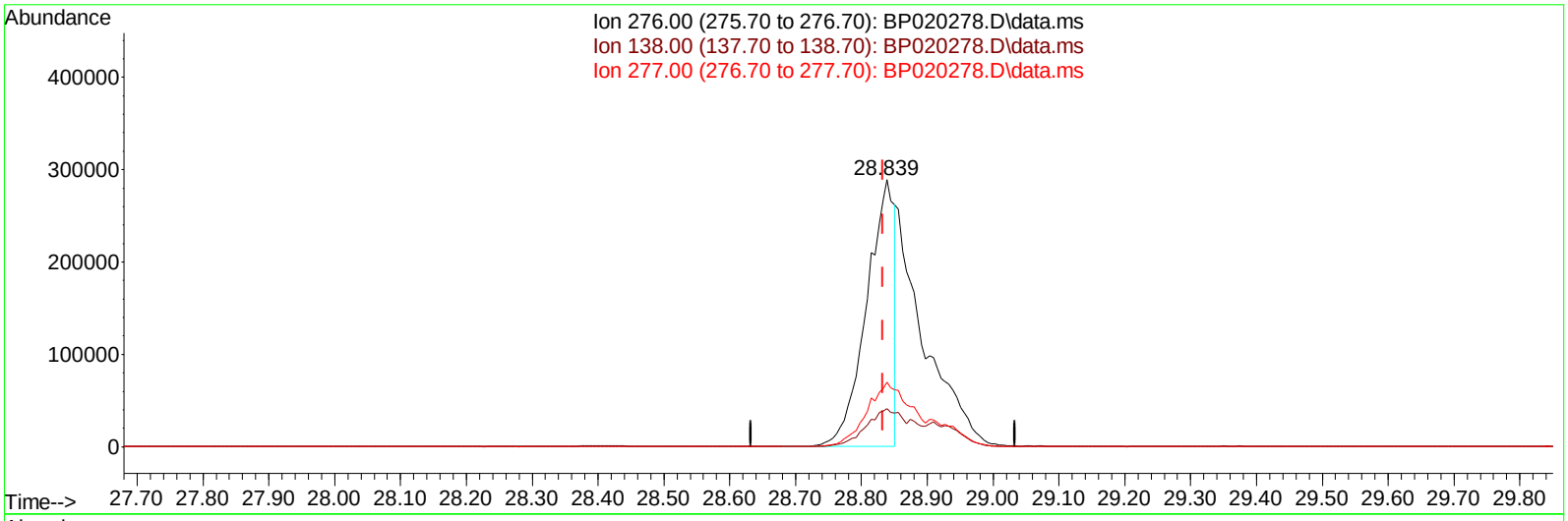
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020278.D
Acq On : 09 May 2024 22:39
Operator : MA/JU
Sample : P2321-02MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

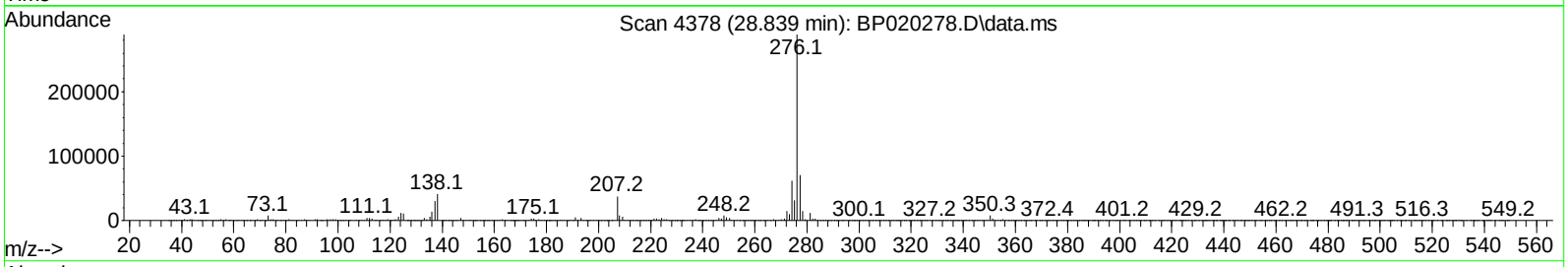
Quant Time: May 09 23:35:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

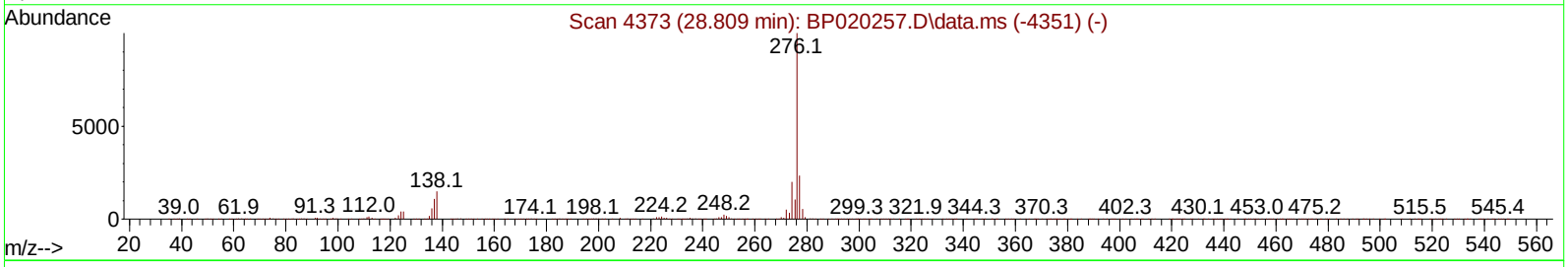
Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024







TIC: BP020278.D\data.ms

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

28.839min (+ 0.006) 21.20 ng/ul

response 851508

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.33
277.00	23.70	24.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020278.D
Acq On : 09 May 2024 22:39
Operator : MA/JU
Sample : P2321-02MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 09 23:35:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
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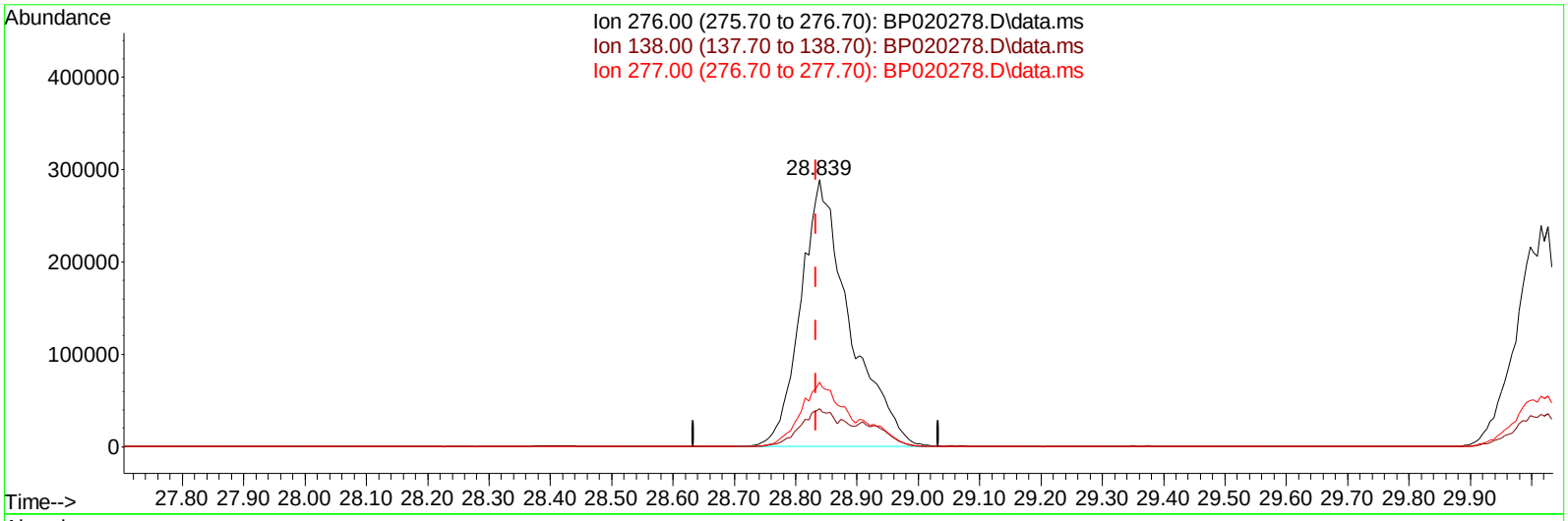
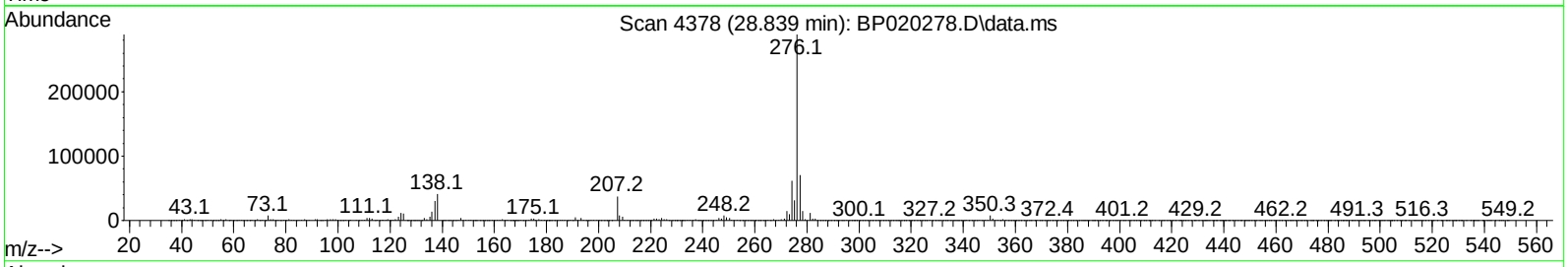
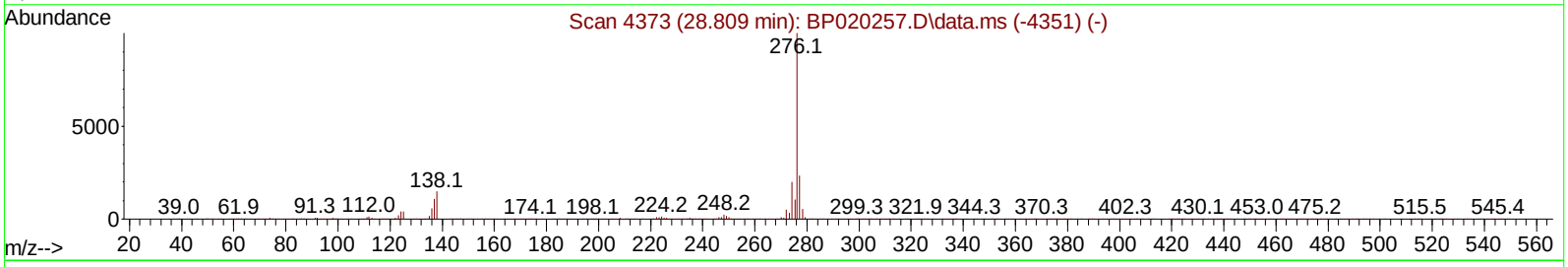






TIC: BP020278.D\data.ms

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

28.839min (+ 0.006) 39.94 ng/ul m

response 1604091

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.33
277.00	23.70	24.29
0.00	0.00	0.00

Quantitation Report (Qedit)

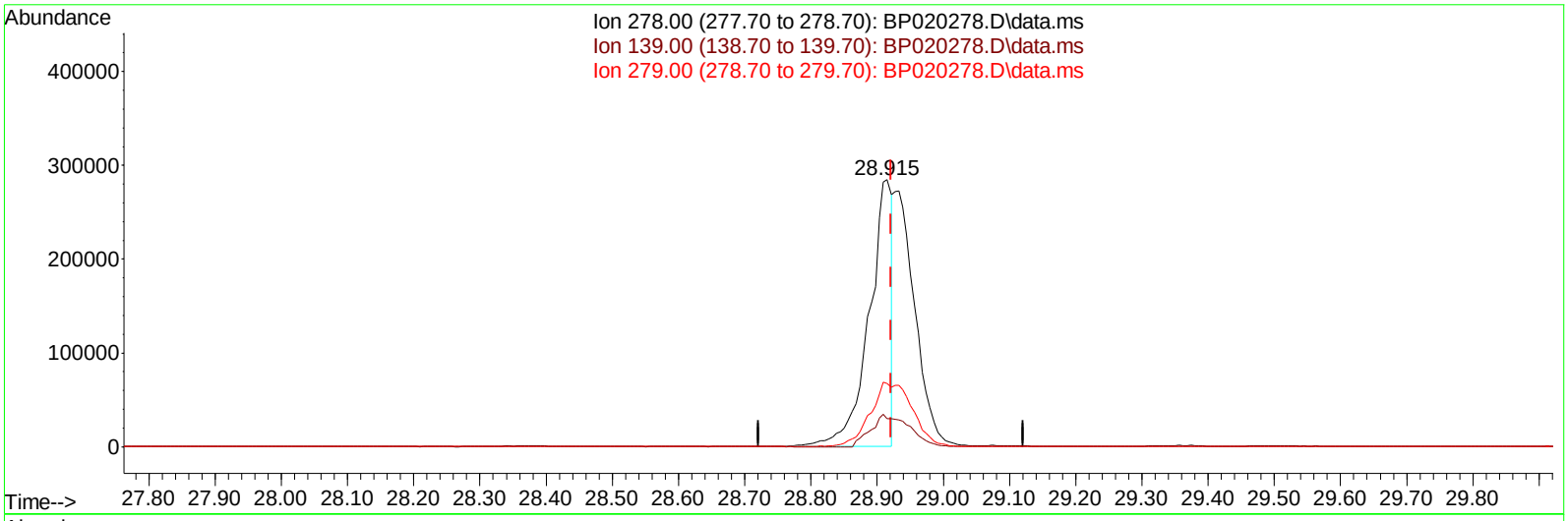
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020278.D
Acq On : 09 May 2024 22:39
Operator : MA/JU
Sample : P2321-02MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

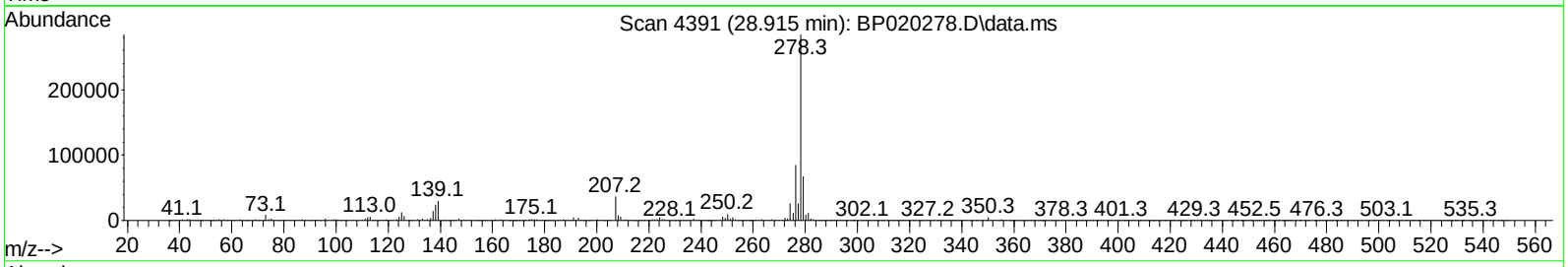
Quant Time: May 09 23:35:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

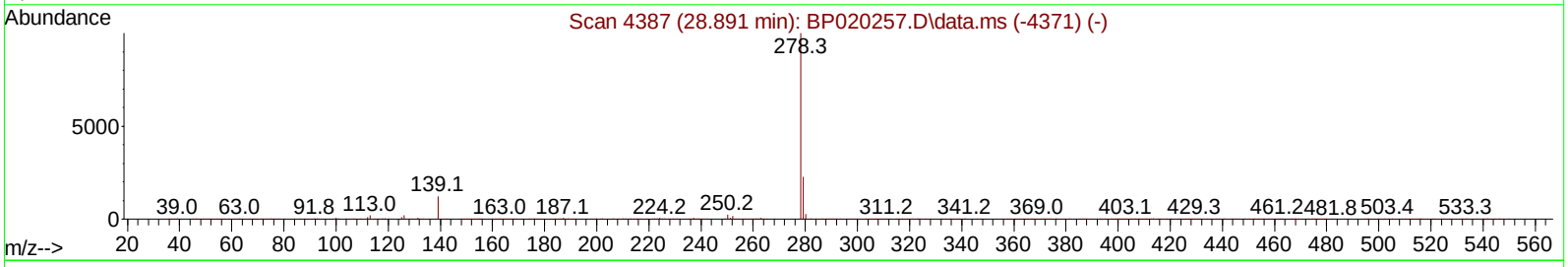
Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024







TIC: BP020278.D\data.ms

(95) Dibenzo(a,h)anthracene

28.915min (-0.006) 20.30 ng/ul

response 674396

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	10.47
279.00	24.10	23.62
0.00	0.00	0.00

Quantitation Report (Qedit)

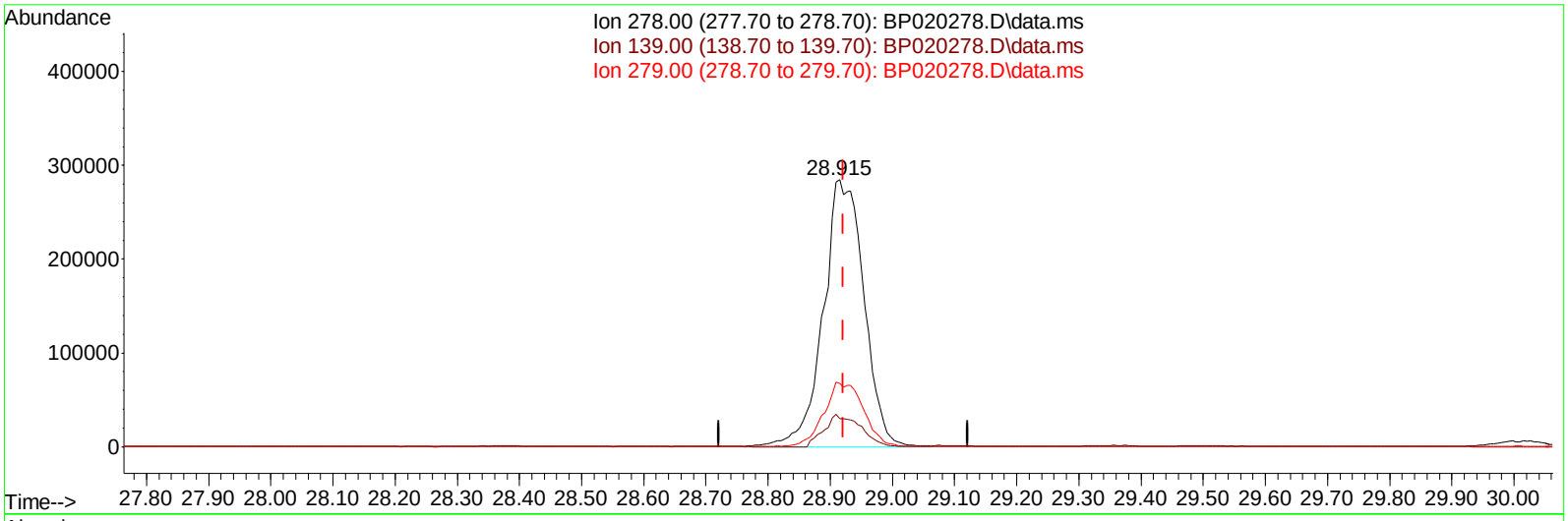
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020278.D
Acq On : 09 May 2024 22:39
Operator : MA/JU
Sample : P2321-02MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

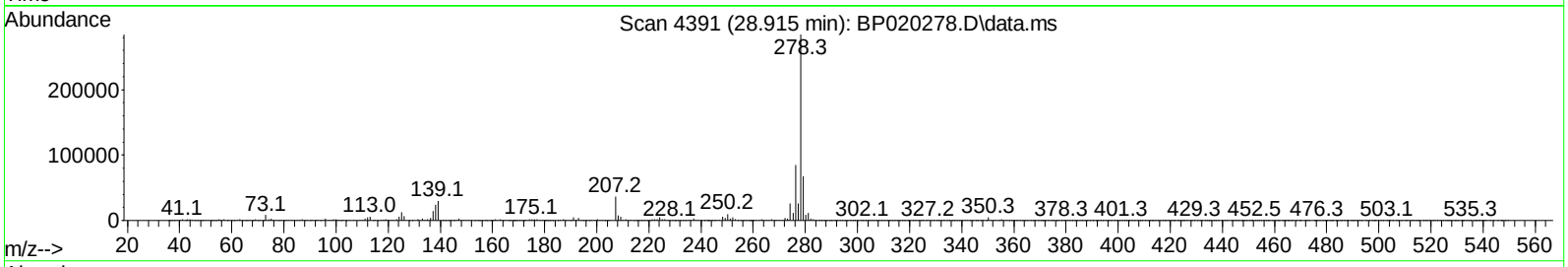
Quant Time: May 09 23:35:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

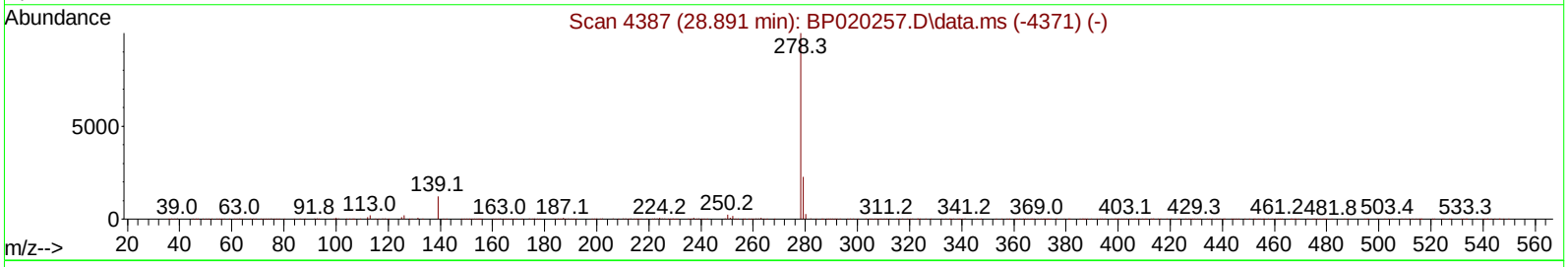
Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024







TIC: BP020278.D\data.ms

(95) Dibenzo(a,h)anthracene

28.915min (-0.006) 38.89 ng/ul m

response 1292049

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	10.47
279.00	24.10	23.62
0.00	0.00	0.00

Quantitation Report (Qedit)

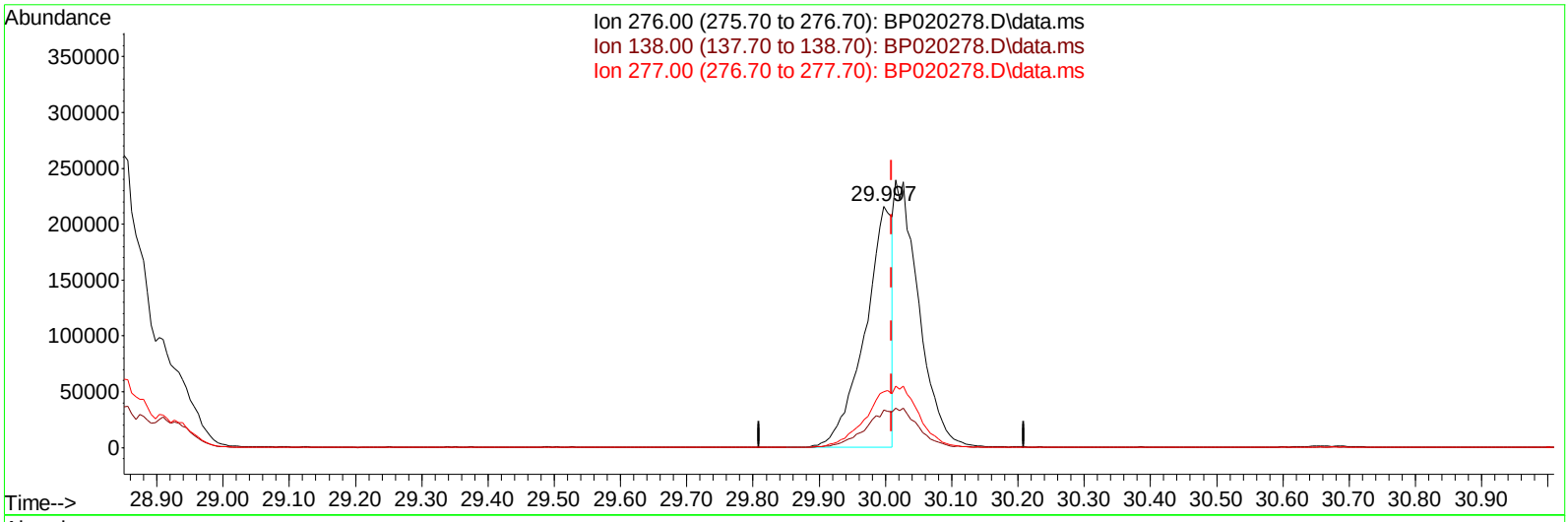
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020278.D
Acq On : 09 May 2024 22:39
Operator : MA/JU
Sample : P2321-02MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

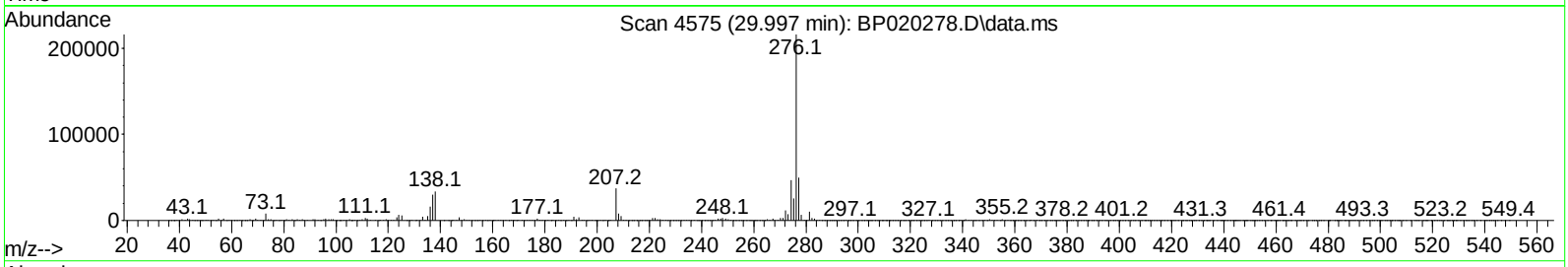
Quant Time: May 09 23:35:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

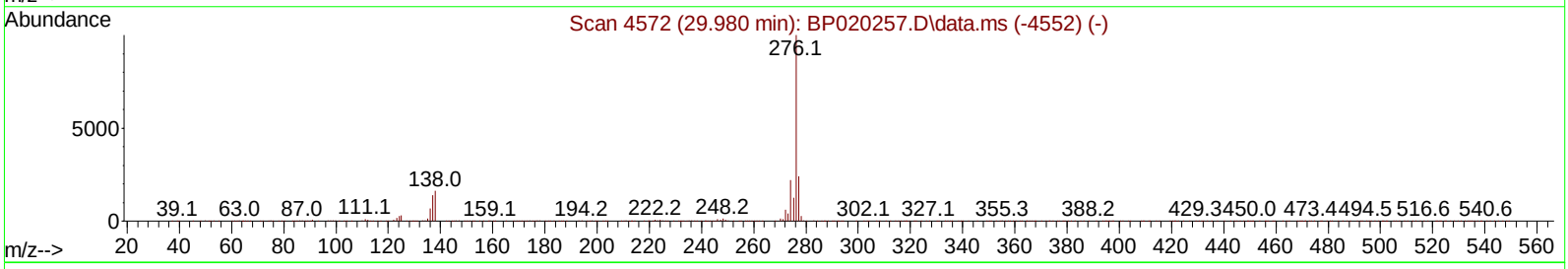
Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024







TIC: BP020278.D\data.ms

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

29.997min (-0.012) 18.94 ng/ul

response 613503

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.69
277.00	24.20	23.18
0.00	0.00	0.00

Quantitation Report (Qedit)

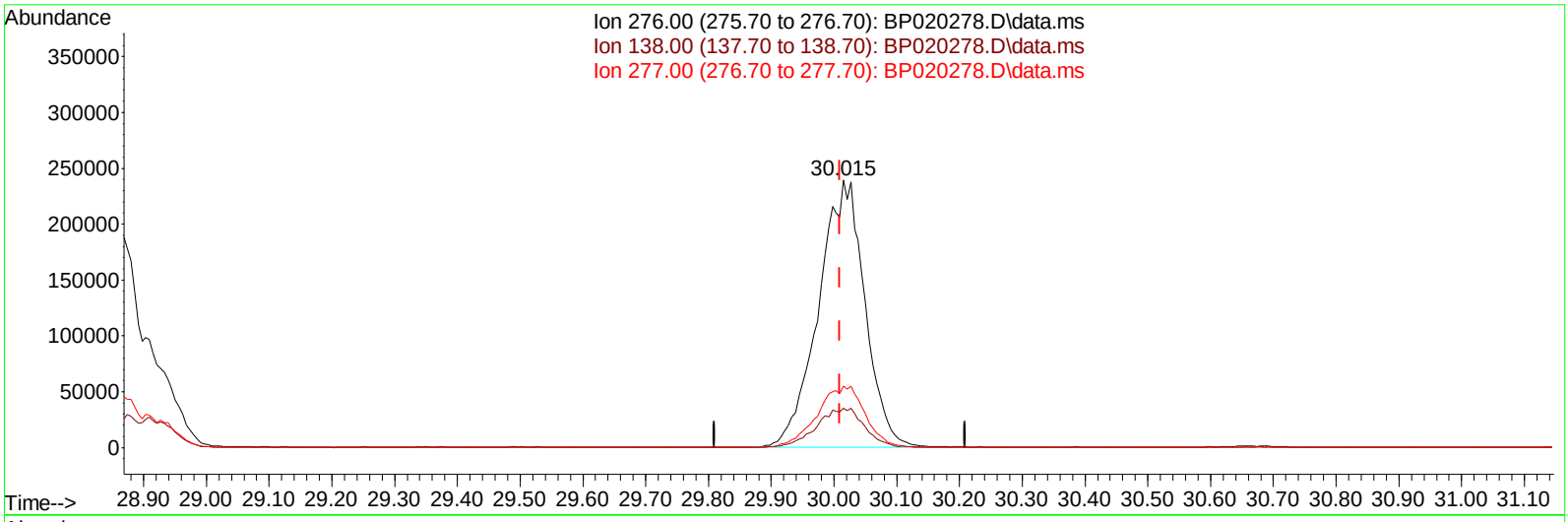
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020278.D
Acq On : 09 May 2024 22:39
Operator : MA/JU
Sample : P2321-02MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

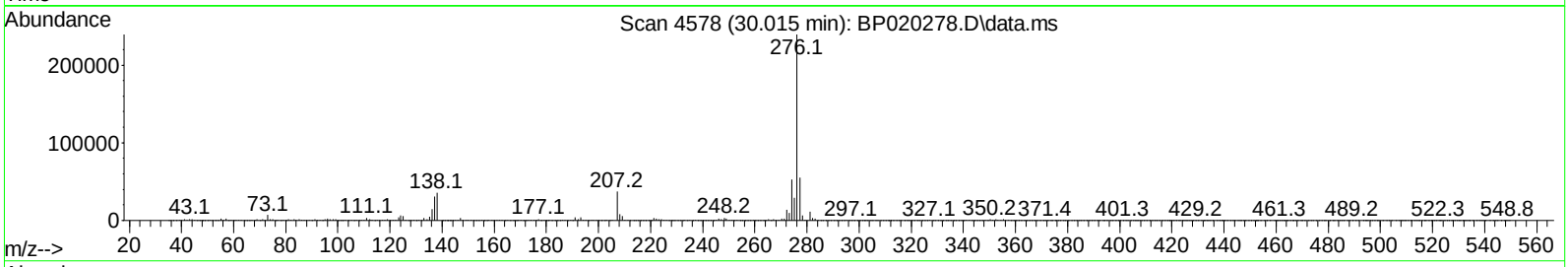
Quant Time: May 09 23:35:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

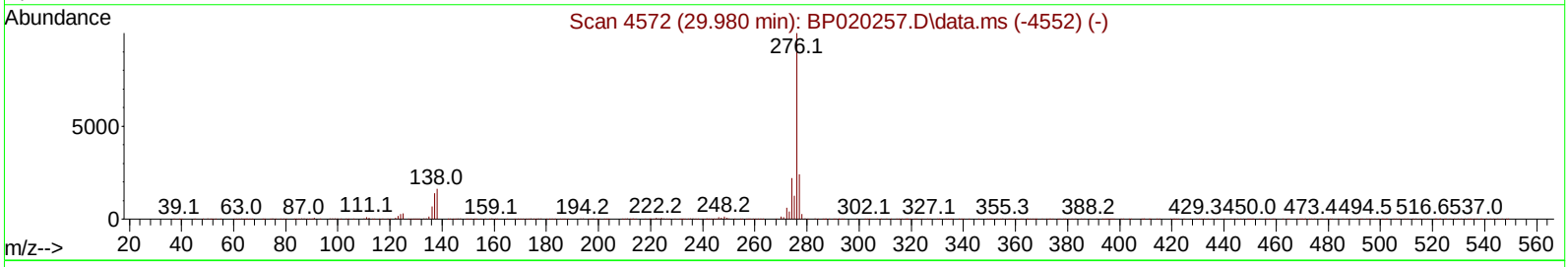
Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024







TIC: BP020278.D\data.ms

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

30.015min (+ 0.006) 37.96 ng/ul m

response 1229831

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	14.79
277.00	24.20	23.03
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020278.D
Acq On : 09 May 2024 22:39
Operator : MA/JU
Sample : P2321-02MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 09 23:37:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	79092	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	320123	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	217692	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.139	188	470739	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	485530	20.000	ng/ul	0.00
88) Perylene-d12	25.004	264	578889	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	7914	4.226	ng/uL	0.00
4) Pyridine-d5	3.611	84	124517	22.883	ng/ul	0.00
7) Phenol-d5	6.805	99	179620	26.444	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	99428	24.097	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	139106	28.648	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	150759	27.453	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	69681	29.068	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	78662	28.655	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	155140	30.969	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	188094	26.828	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	450408	28.333	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	506038	28.816	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	57836	23.671	ng/ul	0.00
60) Fluorene-d10	15.316	176	393210	29.655	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	48616	16.275	ng/ul	0.00
73) Anthracene-d10	17.239	188	612862	30.095	ng/ul	0.00
81) Pyrene-d10	19.651	212	753581	26.552	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	801083	28.620	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	26477	12.459	ng/uL	92
5) Pyridine	3.628	79	178808	32.488	ng/ul	96
6) Benzaldehyde	6.787	77	139337	40.812	ng/ul	95
8) Phenol	6.828	94	250169	35.684	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.058	93	178565	32.550	ng/ul	99
12) 2-Chlorophenol	7.181	128	187565	36.997	ng/ul	97
13) 2-Methylphenol	8.057	108	181800	34.765	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	204511	29.885	ng/ul	96
16) Acetophenone	8.440	105	303809	33.334	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.422	70	159913	32.332	ng/ul	94
18) 4-Methylphenol	8.387	108	204365	35.956	ng/ul	97
19) Hexachloroethane	8.657	117	77838	33.574	ng/ul	92
22) Nitrobenzene	8.816	77	231322	33.615	ng/ul	98
23) Isophorone	9.334	82	442814	33.464	ng/ul	99
25) 2-Nitrophenol	9.516	139	113190	39.807	ng/ul	92
26) 2,4-Dimethylphenol	9.575	107	217881	35.122	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.816	93	243724	33.224	ng/ul	100
29) 2,4-Dichlorophenol	10.046	162	197332	40.498	ng/ul	100
30) Naphthalene	10.434	128	645841	39.141	ng/ul	100
32) 4-Chloroaniline	10.569	127	224952	32.811	ng/ul	100
33) Hexachlorobutadiene	10.693	225	136284	36.010	ng/ul	97
34) Caprolactam	11.381	113	66534	39.106	ng/ul	94
35) 4-Chloro-3-methylphenol	11.704	107	231509	38.160	ng/ul	98

Quantitation Report (QT Reviewed)

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Data File : BP020278.D
Acq On : 09 May 2024 22:39
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Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 09 23:37:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	424354	36.962	ng/ul	96
37) 1-Methylnaphthalene	12.281	142	444902	38.510	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	269992	39.768	ng/ul	98
40) Hexachlorocyclopentadiene	12.398	237	72097	19.526	ng/ul	95
41) 2,4,6-Trichlorophenol	12.693	196	174052	40.880	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	189303	41.320	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	577290	37.493	ng/ul	98
44) 2-Chloronaphthalene	13.140	162	459142	37.580	ng/ul	99
45) 2-Nitroaniline	13.369	65	152411	37.608	ng/ul	94
47) Dimethylphthalate	13.751	163	585166	36.442	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	123116	38.568	ng/ul	97
50) Acenaphthylene	14.004	152	736093	37.267	ng/ul	99
51) 3-Nitroaniline	14.234	138	119259	40.056	ng/ul	98
52) Acenaphthene	14.351	153	503571	37.937	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	49073	25.045	ng/ul	95
55) 4-Nitrophenol	14.563	109	84432	33.191	ng/ul	94
56) Dibenzofuran	14.698	168	720435	39.463	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	186615	40.661	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.945	232	168826	41.036	ng/ul#	96
59) Diethylphthalate	15.157	149	583628	36.411	ng/ul	99
61) Fluorene	15.369	166	594746	39.209	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	310546	38.590	ng/ul	92
63) 4-Nitroaniline	15.434	138	122188	49.246	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.492	198	89739	28.810	ng/ul	92
67) N-Nitrosodiphenylamine	15.604	169	497767	37.977	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	196876	38.611	ng/ul	98
69) Hexachlorobenzene	16.404	284	232093	39.300	ng/ul	94
70) Atrazine	16.604	200	199637	42.955	ng/ul	99
71) Pentachlorophenol	16.781	266	152828	42.813	ng/ul	99
72) Phenanthrene	17.186	178	967186	40.270	ng/ul	99
74) Anthracene	17.280	178	942756	38.593	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	262851	37.570	ng/uL	98
76) Pentachlorobenzene	14.616	250	269357	38.473	ng/uL	95
77) Carbazole	17.580	167	861836	40.954	ng/ul	99
78) Di-n-butylphthalate	18.180	149	1014555	39.774	ng/ul	99
80) Fluoranthene	19.298	202	1217896	36.463	ng/ul	98
82) Pyrene	19.680	202	1268668	36.505	ng/ul	98
83) Butylbenzylphthalate	20.657	149	475522	36.045	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.551	252	284812	28.823	ng/ul	98
85) Benzo(a)anthracene	21.621	228	1259141	38.235	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.574	149	680612	35.762	ng/ul#	95
87) Chrysene	21.686	228	1186920	38.887	ng/ul	99
89) Di-n-octyl phthalate	22.868	149	1229543	33.165	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	1316058	38.218	ng/ul	98
91) Benzo(k)fluoranthene	24.021	252	1270155	36.194	ng/ul	100
93) Benzo(a)pyrene	24.857	252	1093392	33.370	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.839	276	1604091m	39.936	ng/ul	
95) Dibenzo(a,h)anthracene	28.915	278	1292049m	38.890	ng/ul	
96) Benzo(g,h,i)perylene	30.015	276	1229831m	37.963	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020278.D
Acq On : 09 May 2024 22:39
Operator : MA/JU
Sample : P2321-02MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 09 23:37:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E0Y32MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024