Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020178.D
Acq On : 03 May 2024 16:19
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020778

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 04 04:51:57 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	112469	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	483663	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.293	164	348442	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	760481	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	615421	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	601064	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	20217	7.592	ng/uL	0.00
4) Pyridine-d5	3.617	84	144188	18.634	ng/ul	0.00
7) Phenol-d5	6.805	99	181637	18.805	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	114327	19.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	136833	19.817	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	154015	19.723	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	73756	20.364	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	84694	20.420	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	160121	21.156	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	212050	20.018	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	520919	20.472	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	565123	20.105	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	74308	19.001	ng/ul	0.00
60) Fluorene-d10	15.310	176	433899	20.444	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	96668	20.031	ng/ul	0.00
73) Anthracene-d10	17.234	188	676772	20.571	ng/ul	0.00
81) Pyrene-d10	19.639	212	762675	21.200	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	586235	20.172	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	21846	7.229	ng/uL	96
5) Pyridine	3.634	79	148343	18.954	ng/ul	96
6) Benzaldehyde	6.793	77	109528	22.560	ng/ul	97
8) Phenol	6.834	94	189754	19.034	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	153585	19.688	ng/ul	99
12) 2-Chlorophenol	7.193	128	141480	19.625	ng/ul	98
13) 2-Methylphenol	8.063	108	144799	19.472	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	193398	19.874	ng/ul	97
16) Acetophenone	8.446	105	261460	20.174	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	145761	20.725	ng/ul	99
18) 4-Methylphenol	8.393	108	157041	19.430	ng/ul	99
19) Hexachloroethane	8.669	117	64729	19.634	ng/ul	93
22) Nitrobenzene	8.828	77	210162	20.213	ng/ul	99
23) Isophorone	9.340	82	402068	20.111	ng/ul	99
25) 2-Nitrophenol	9.528	139	88560	20.614	ng/ul	99
26) 2,4-Dimethylphenol	9.581	107	188432	20.104	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.828	93	225441	20.340	ng/ul	97
29) 2,4-Dichlorophenol	10.057	162	153612	20.866	ng/ul	97
30) Naphthalene	10.446	128	498370	19.991	ng/ul	100
32) 4-Chloroaniline	10.575	127	205627	19.851	ng/ul	99
33) Hexachlorobutadiene	10.704	225	115969	20.281	ng/ul	96
34) Caprolactam	11.387	113	52170m	20.295	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	193409	21.100	ng/ul	98
36) 2-Methylnaphthalene	12.069	142	351965	20.291	ng/ul	96

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Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020778

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 04 04:51:57 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	357269	20.468	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	216628	19.934	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	107790	18.238	ng/ul	97
41) 2,4,6-Trichlorophenol	12.693	196	137948	20.242	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	143122	19.517	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	493139	20.010	ng/ul	98
44) 2-Chloronaphthalene	13.146	162	384620	19.668	ng/ul	100
45) 2-Nitroaniline	13.381	65	136479	21.040	ng/ul	98
47) Dimethylphthalate	13.757	163	532645	20.724	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	107155	20.972	ng/ul	94
50) Acenaphthylene	14.004	152	635322	20.095	ng/ul	100
51) 3-Nitroaniline	14.228	138	98371	20.642	ng/ul	100
52) Acenaphthene	14.357	153	428842	20.184	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	62146	19.815	ng/ul	94
55) 4-Nitrophenol	14.557	109	77059	18.926	ng/ul	92
56) Dibenzofuran	14.704	168	589395	20.170	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	155990	21.235	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.940	232	138601	21.048	ng/ul	98
59) Diethylphthalate	15.157	149	547681	21.347	ng/ul	98
61) Fluorene	15.375	166	498996	20.552	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	272689	21.170	ng/ul	96
63) 4-Nitroaniline	15.434	138	86807	21.858	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.487	198	103241	20.517	ng/ul	100
67) N-Nitrosodiphenylamine	15.598	169	423841	20.017	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	170176	20.659	ng/ul	93
69) Hexachlorobenzene	16.404	284	193845	20.318	ng/ul	98
70) Atrazine	16.604	200	147679	19.669	ng/ul	99
71) Pentachlorophenol	16.775	266	115575	20.042	ng/ul	99
72) Phenanthrene	17.181	178	776030	20.000	ng/ul	99
74) Anthracene	17.269	178	805689	20.416	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	217854	19.275	ng/uL	97
76) Pentachlorobenzene	14.610	250	226998	20.070	ng/uL	96
77) Carbazole	17.569	167	694756	20.436	ng/ul	99
78) Di-n-butylphthalate	18.169	149	898615	21.807	ng/ul	99
80) Fluoranthene	19.286	202	914467	21.600	ng/ul	99
82) Pyrene	19.669	202	947515	21.510	ng/ul	99
83) Butylbenzylphthalate	20.645	149	363804	21.756	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.545	252	246529	19.683	ng/ul	97
85) Benzo(a)anthracene	21.604	228	848459	20.326	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	520898	21.593	ng/ul	99
87) Chrysene	21.674	228	789705	20.412	ng/ul	99
89) Di-n-octyl phthalate	22.851	149	765558	19.888	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	730615	20.434	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	734262	20.151	ng/ul	99
93) Benzo(a)pyrene	24.821	252	686996	20.193	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.774	276	842101m	20.192	ng/ul	
95) Dibenzo(a,h)anthracene	28.851	278	679442	19.696	ng/ul	99
96) Benzo(g,h,i)perylene	29.951	276	677631m	20.146	ng/ul	

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

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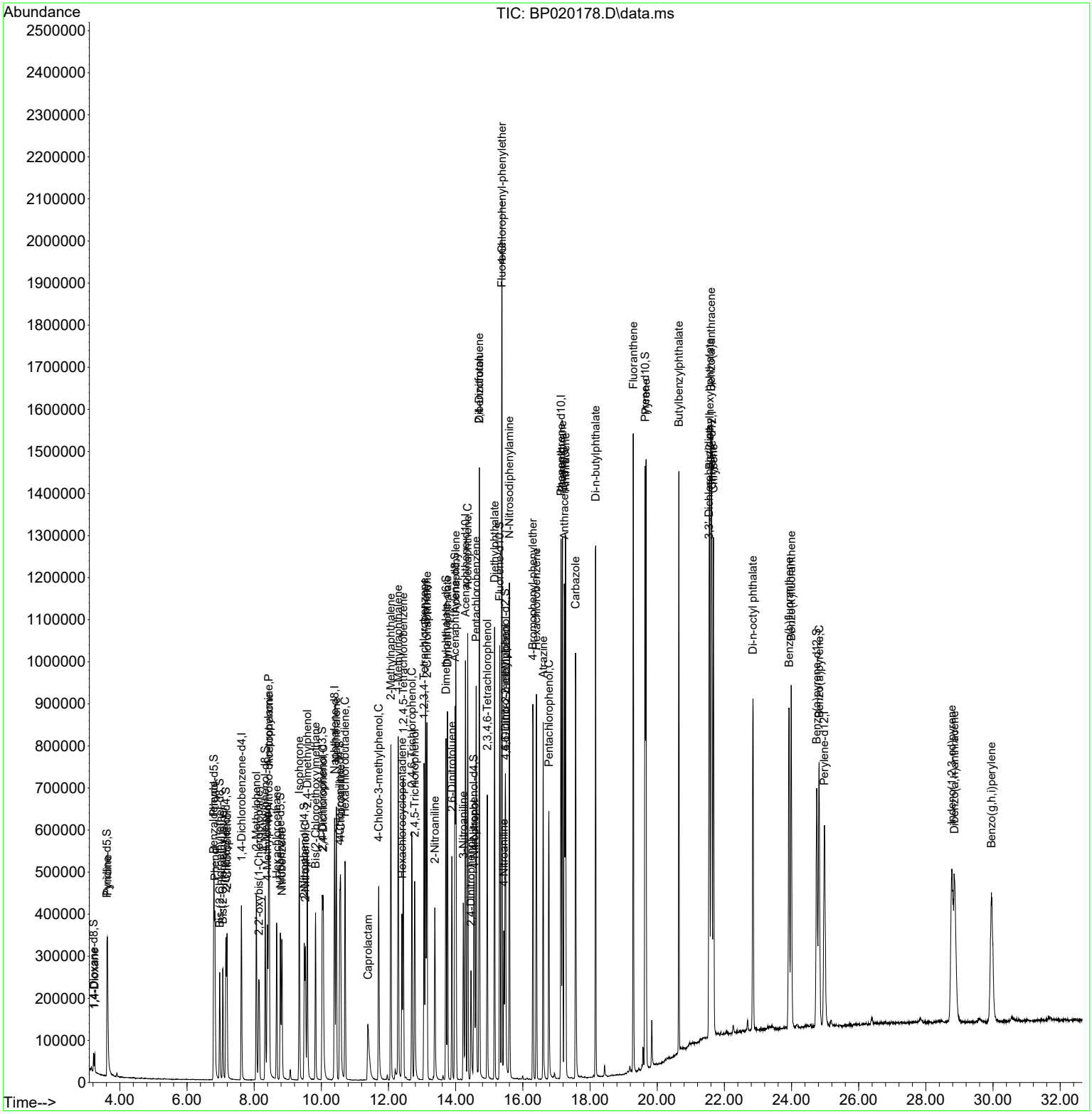
Data File : BP020178.D
Acq On : 03 May 2024 16:19
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 04 04:51:57 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

Instrument :
BNA_P
ClientSampleId :
SSTD020778

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020178.D
Acq On : 03 May 2024 16:19
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 04 04:51:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
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Instrument :
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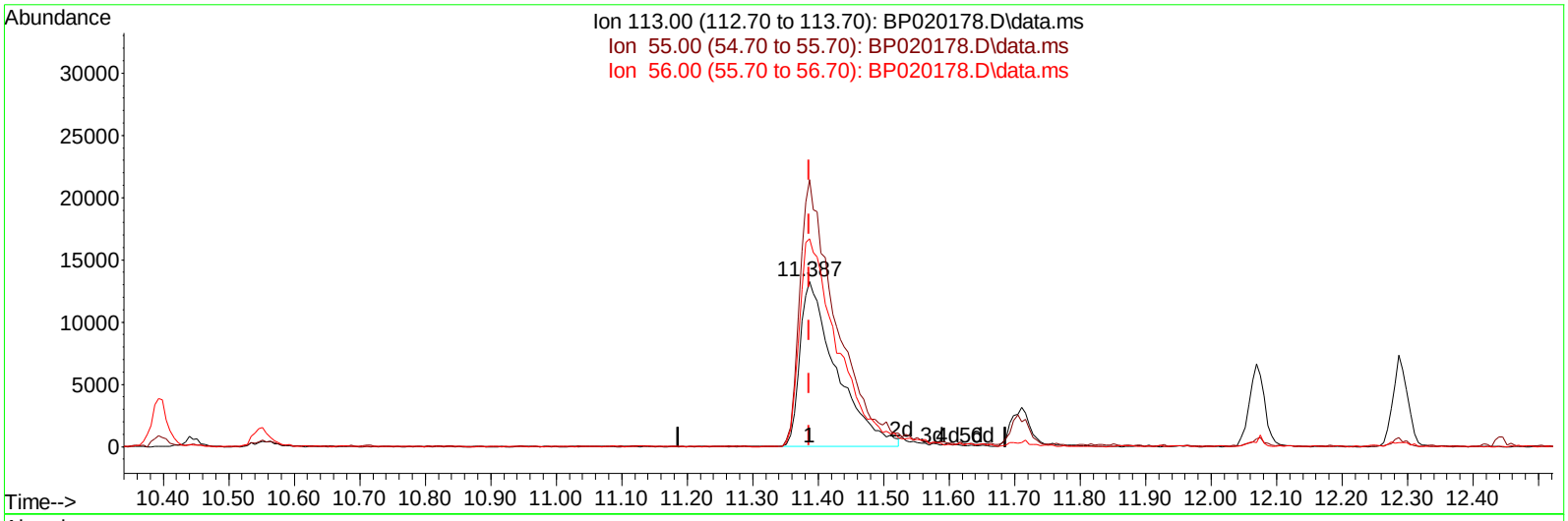
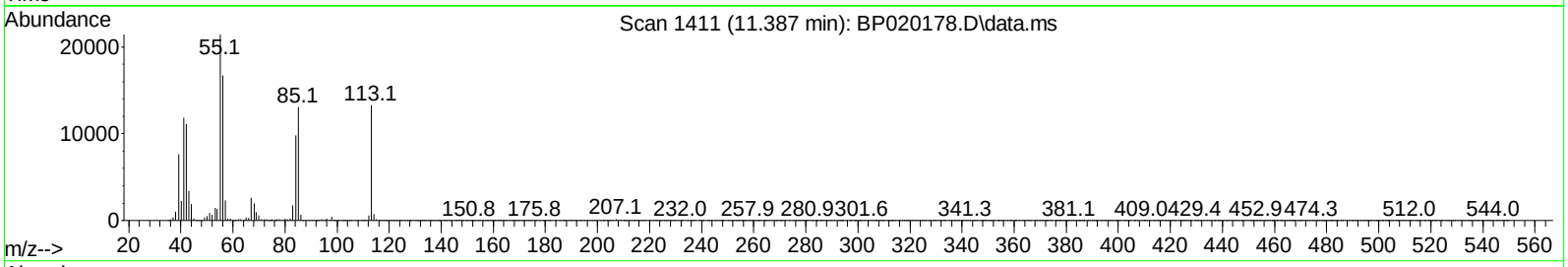
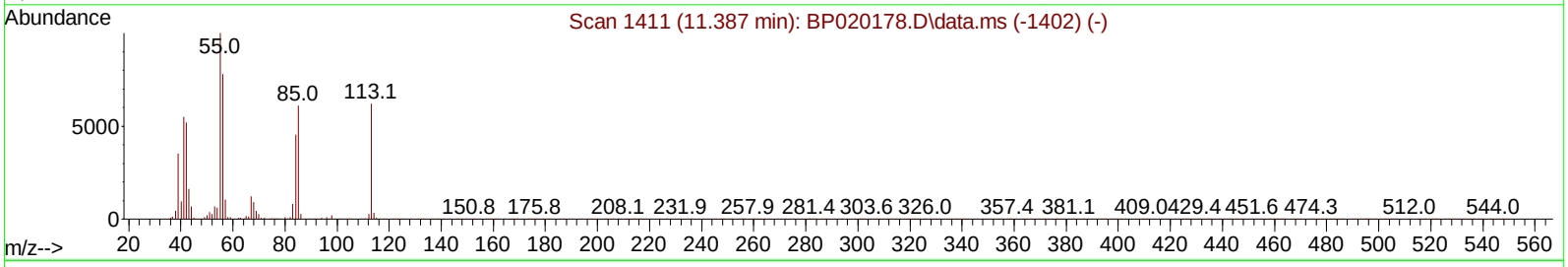
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024







TIC: BP020178.D\data.ms

(34) Caprolactam

11.387min (+ 0.000) 19.97 ng/ul

response 51325

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	161.34
56.00	131.80	125.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
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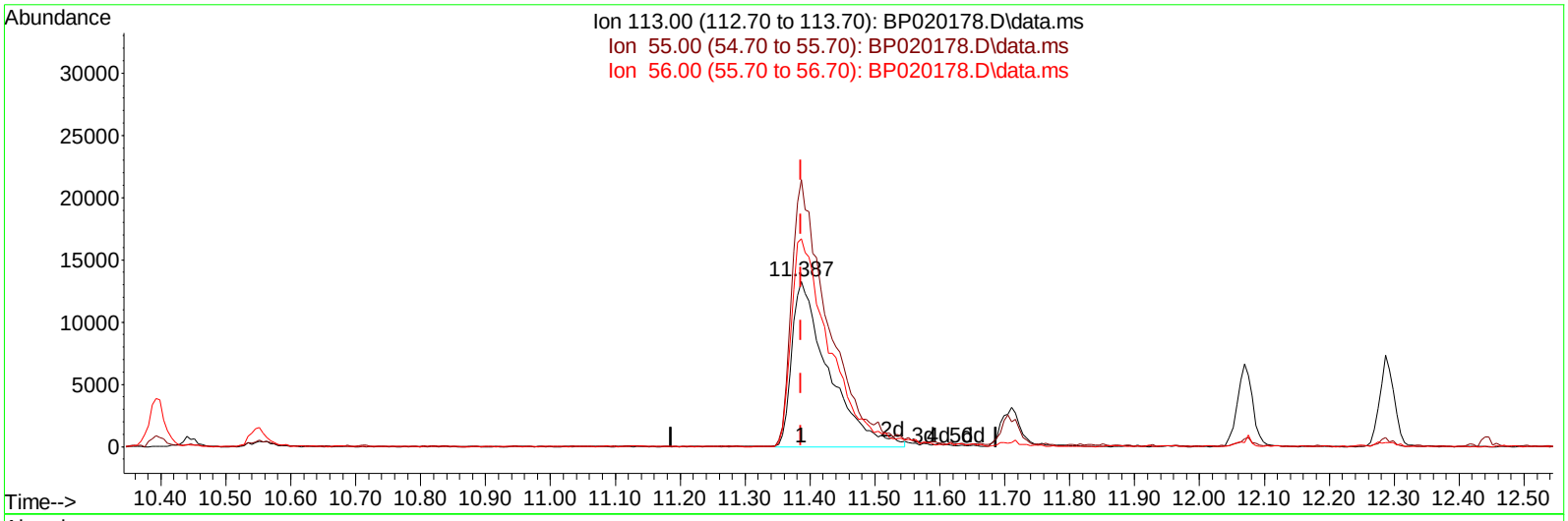

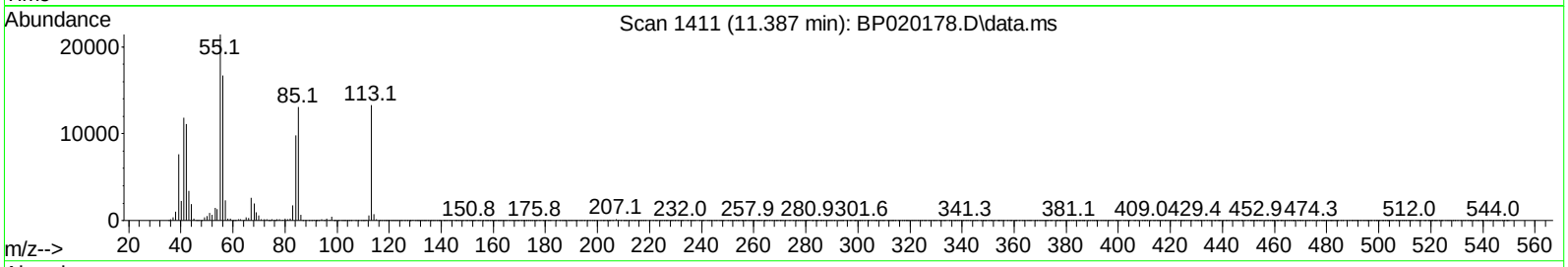

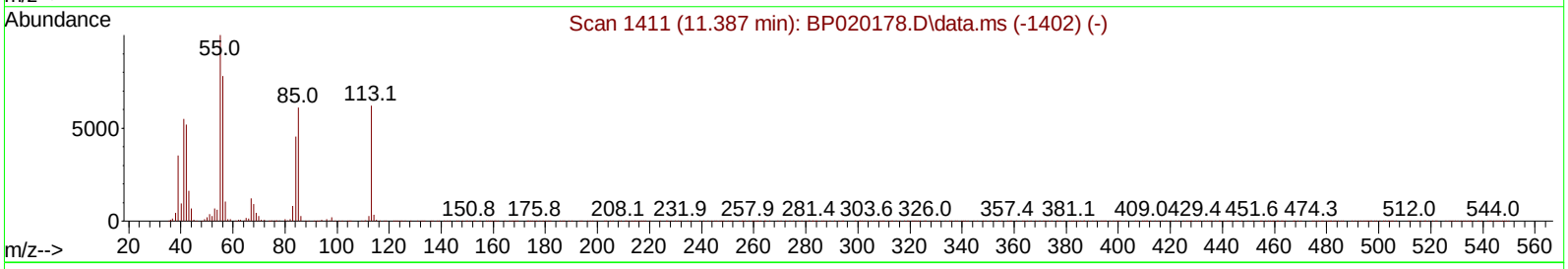

TIC: BP020178.D\data.ms

(34) Caprolactam

11.387min (+ 0.000) 20.30 ng/ul m

response 52170

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	161.34
56.00	131.80	125.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
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Quant Time: May 04 04:51:01 2024
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ClientSampleId :
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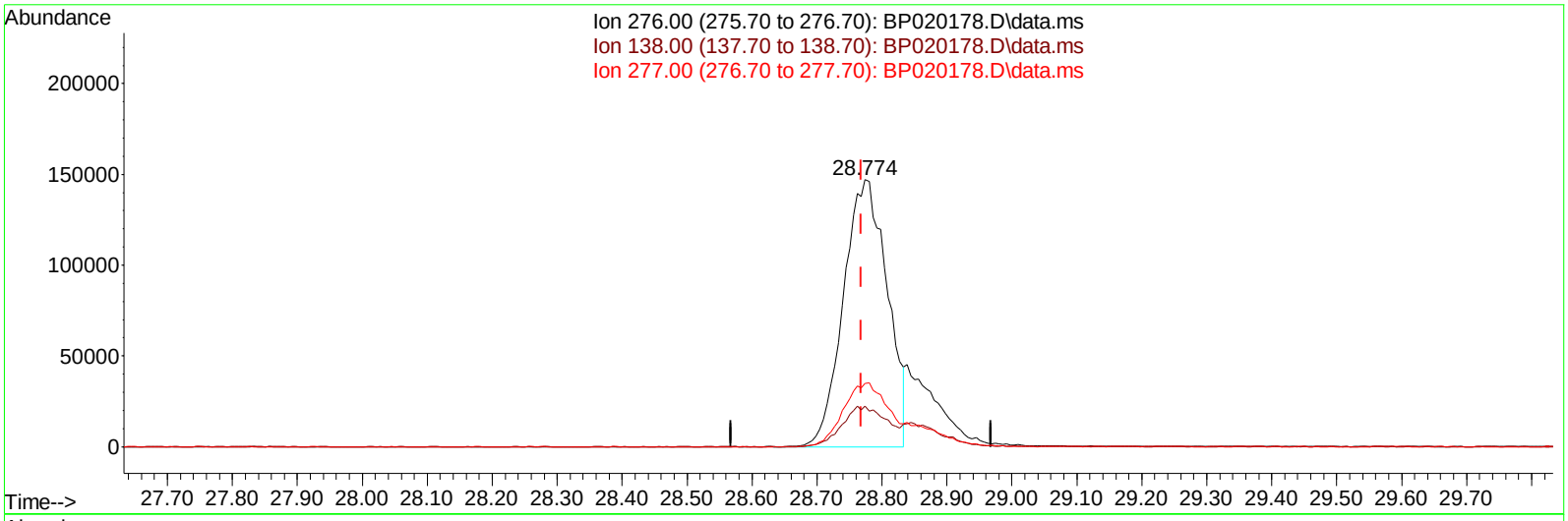

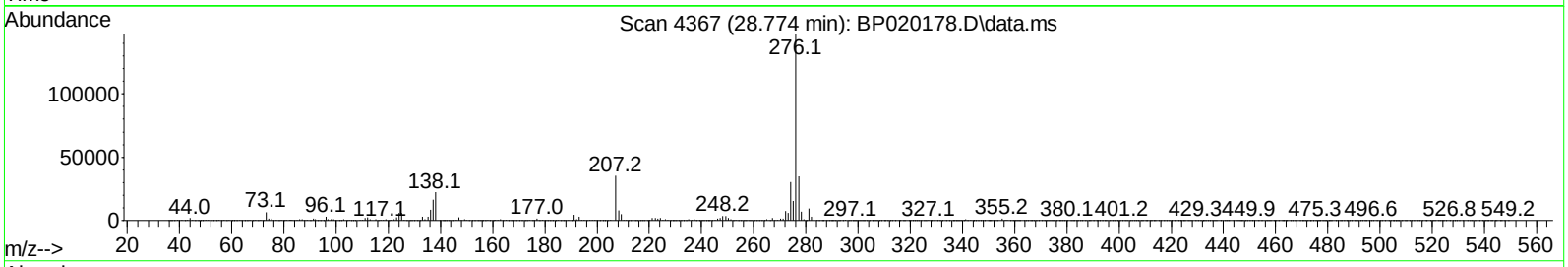

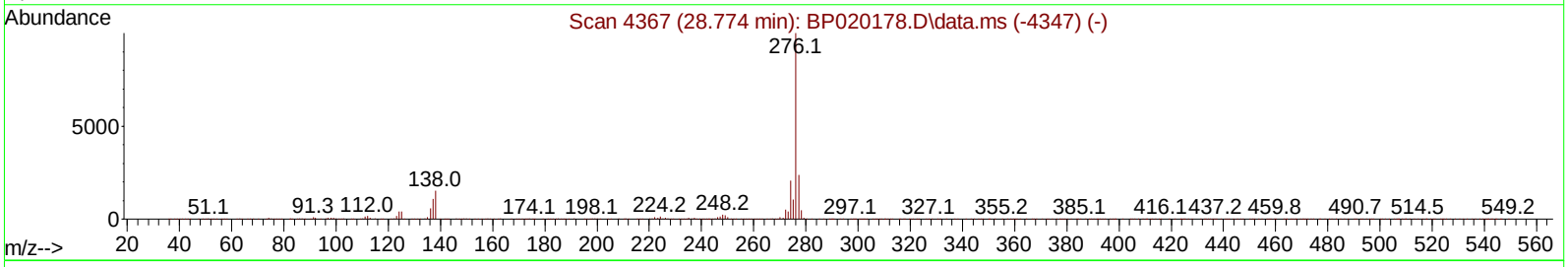

TIC: BP020178.D\data.ms

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

28.774min (+ 0.006) 16.50 ng/ul

response 688285

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	15.20
277.00	23.70	23.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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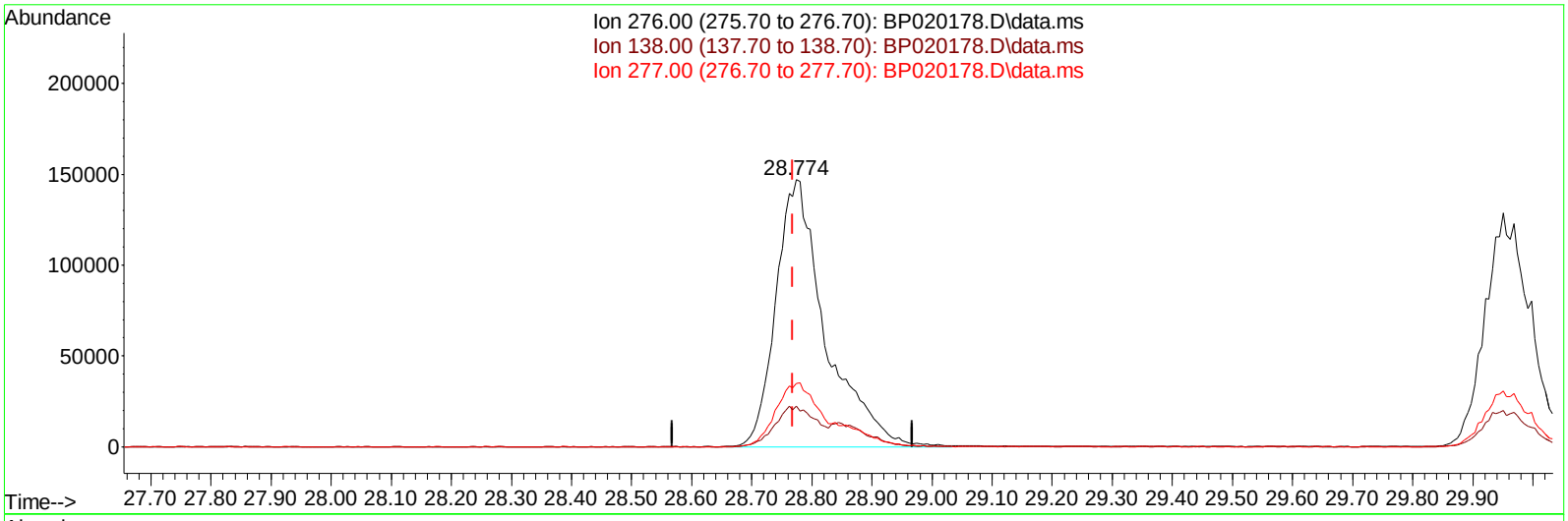

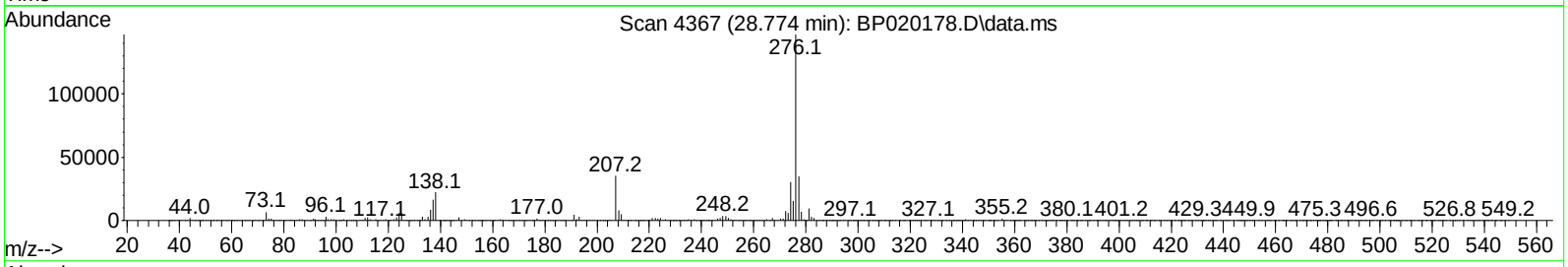

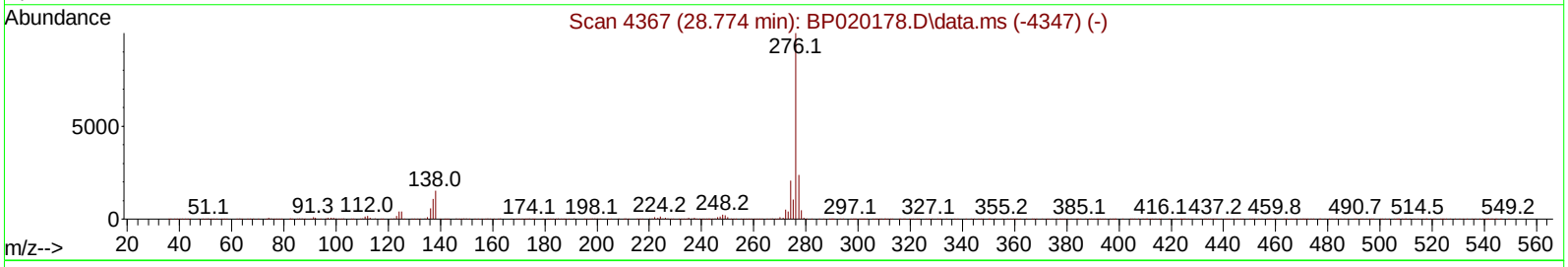

TIC: BP020178.D\data.ms

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

28.774min (+ 0.006) 20.19 ng/ul m

response 842101

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	15.20
277.00	23.70	23.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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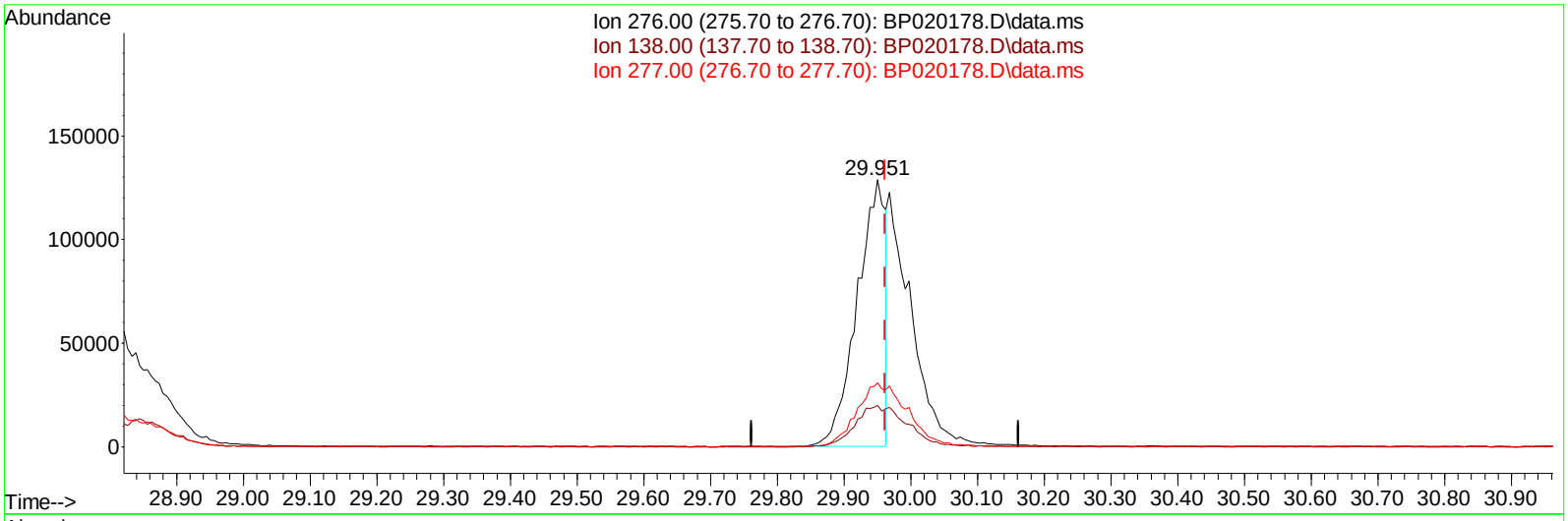

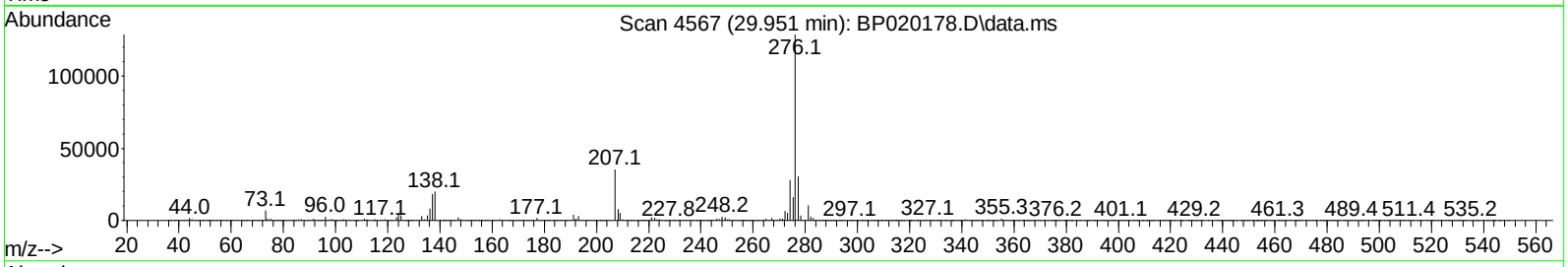

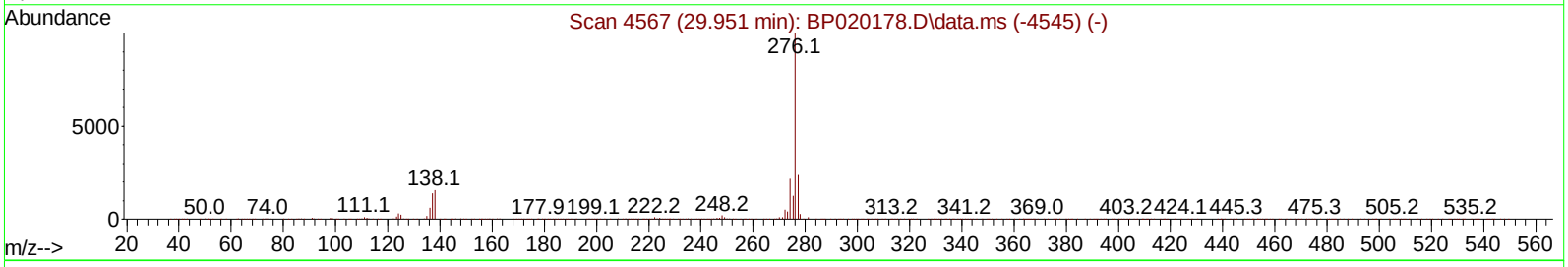

TIC: BP020178.D\data.ms

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

29.951min (-0.011) 11.21 ng/ul

response 377059

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.51
277.00	24.20	23.87
0.00	0.00	0.00

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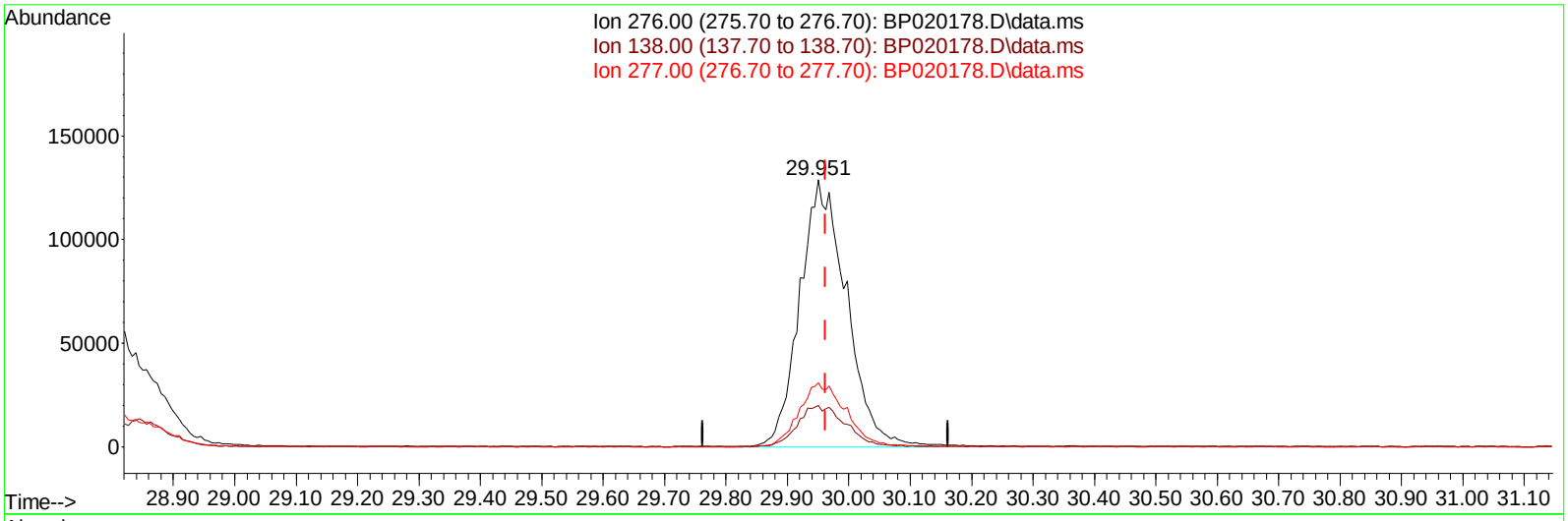
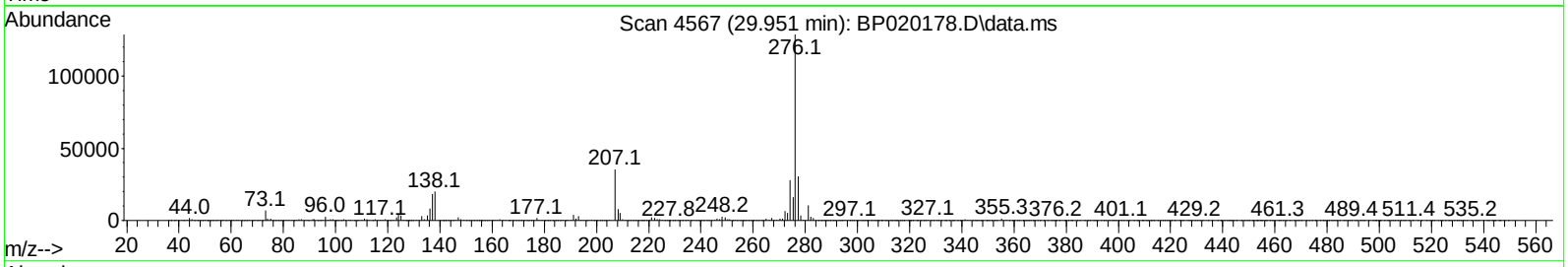
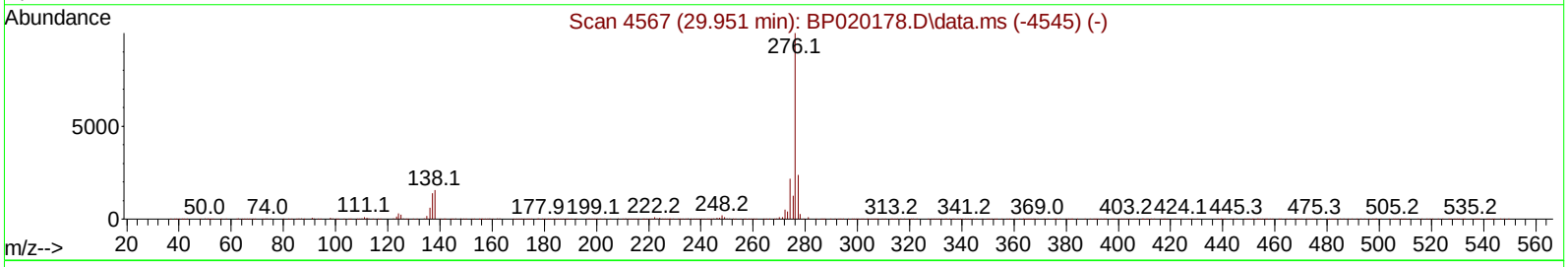
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024







TIC: BP020178.D\data.ms

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

29.951min (-0.011) 20.15 ng/ul m

response 677631

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.51
277.00	24.20	23.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020178.D
Acq On : 03 May 2024 16:19
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 04 04:51:57 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

Instrument :
BNA_P
ClientSampleId :
SSTD020778

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
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	112469	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	483663	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.293	164	348442	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	760481	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	615421	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	601064	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	20217	7.592	ng/uL	0.00
4) Pyridine-d5	3.617	84	144188	18.634	ng/ul	0.00
7) Phenol-d5	6.805	99	181637	18.805	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	114327	19.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	136833	19.817	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	154015	19.723	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	73756	20.364	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	84694	20.420	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	160121	21.156	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	212050	20.018	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	520919	20.472	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	565123	20.105	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	74308	19.001	ng/ul	0.00
60) Fluorene-d10	15.310	176	433899	20.444	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	96668	20.031	ng/ul	0.00
73) Anthracene-d10	17.234	188	676772	20.571	ng/ul	0.00
81) Pyrene-d10	19.639	212	762675	21.200	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	586235	20.172	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	21846	7.229	ng/uL	96
5) Pyridine	3.634	79	148343	18.954	ng/ul	96
6) Benzaldehyde	6.793	77	109528	22.560	ng/ul	97
8) Phenol	6.834	94	189754	19.034	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	153585	19.688	ng/ul	99
12) 2-Chlorophenol	7.193	128	141480	19.625	ng/ul	98
13) 2-Methylphenol	8.063	108	144799	19.472	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	193398	19.874	ng/ul	97
16) Acetophenone	8.446	105	261460	20.174	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	145761	20.725	ng/ul	99
18) 4-Methylphenol	8.393	108	157041	19.430	ng/ul	99
19) Hexachloroethane	8.669	117	64729	19.634	ng/ul	93
22) Nitrobenzene	8.828	77	210162	20.213	ng/ul	99
23) Isophorone	9.340	82	402068	20.111	ng/ul	99
25) 2-Nitrophenol	9.528	139	88560	20.614	ng/ul	99
26) 2,4-Dimethylphenol	9.581	107	188432	20.104	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.828	93	225441	20.340	ng/ul	97
29) 2,4-Dichlorophenol	10.057	162	153612	20.866	ng/ul	97
30) Naphthalene	10.446	128	498370	19.991	ng/ul	100
32) 4-Chloroaniline	10.575	127	205627	19.851	ng/ul	99
33) Hexachlorobutadiene	10.704	225	115969	20.281	ng/ul	96
34) Caprolactam	11.387	113	52170m	20.295	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	193409	21.100	ng/ul	98

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 04 04:51:57 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

Instrument :
BNA_P
ClientSampleId :
SSTD020778

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	351965	20.291	ng/ul	96
37) 1-Methylnaphthalene	12.287	142	357269	20.468	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	216628	19.934	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	107790	18.238	ng/ul	97
41) 2,4,6-Trichlorophenol	12.693	196	137948	20.242	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	143122	19.517	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	493139	20.010	ng/ul	98
44) 2-Chloronaphthalene	13.146	162	384620	19.668	ng/ul	100
45) 2-Nitroaniline	13.381	65	136479	21.040	ng/ul	98
47) Dimethylphthalate	13.757	163	532645	20.724	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	107155	20.972	ng/ul	94
50) Acenaphthylene	14.004	152	635322	20.095	ng/ul	100
51) 3-Nitroaniline	14.228	138	98371	20.642	ng/ul	100
52) Acenaphthene	14.357	153	428842	20.184	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	62146	19.815	ng/ul	94
55) 4-Nitrophenol	14.557	109	77059	18.926	ng/ul	92
56) Dibenzofuran	14.704	168	589395	20.170	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	155990	21.235	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.940	232	138601	21.048	ng/ul	98
59) Diethylphthalate	15.157	149	547681	21.347	ng/ul	98
61) Fluorene	15.375	166	498996	20.552	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	272689	21.170	ng/ul	96
63) 4-Nitroaniline	15.434	138	86807	21.858	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.487	198	103241	20.517	ng/ul	100
67) N-Nitrosodiphenylamine	15.598	169	423841	20.017	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	170176	20.659	ng/ul	93
69) Hexachlorobenzene	16.404	284	193845	20.318	ng/ul	98
70) Atrazine	16.604	200	147679	19.669	ng/ul	99
71) Pentachlorophenol	16.775	266	115575	20.042	ng/ul	99
72) Phenanthrene	17.181	178	776030	20.000	ng/ul	99
74) Anthracene	17.269	178	805689	20.416	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	217854	19.275	ng/uL	97
76) Pentachlorobenzene	14.610	250	226998	20.070	ng/uL	96
77) Carbazole	17.569	167	694756	20.436	ng/ul	99
78) Di-n-butylphthalate	18.169	149	898615	21.807	ng/ul	99
80) Fluoranthene	19.286	202	914467	21.600	ng/ul	99
82) Pyrene	19.669	202	947515	21.510	ng/ul	99
83) Butylbenzylphthalate	20.645	149	363804	21.756	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.545	252	246529	19.683	ng/ul	97
85) Benzo(a)anthracene	21.604	228	848459	20.326	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	520898	21.593	ng/ul	99
87) Chrysene	21.674	228	789705	20.412	ng/ul	99
89) Di-n-octyl phthalate	22.851	149	765558	19.888	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	730615	20.434	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	734262	20.151	ng/ul	99
93) Benzo(a)pyrene	24.821	252	686996	20.193	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.774	276	842101m	20.192	ng/ul	
95) Dibenzo(a,h)anthracene	28.851	278	679442	19.696	ng/ul	99
96) Benzo(g,h,i)perylene	29.951	276	677631m	20.146	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
SSTD020778

Manual Integrations
APPROVED

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020178.D
Acq On : 03 May 2024 16:19
Operator : MA/JU
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Misc :
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Quant Time: May 04 04:51:57 2024
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Quant Title : SVOA CALIBRATION
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