Quantitation Report (QT Reviewed)

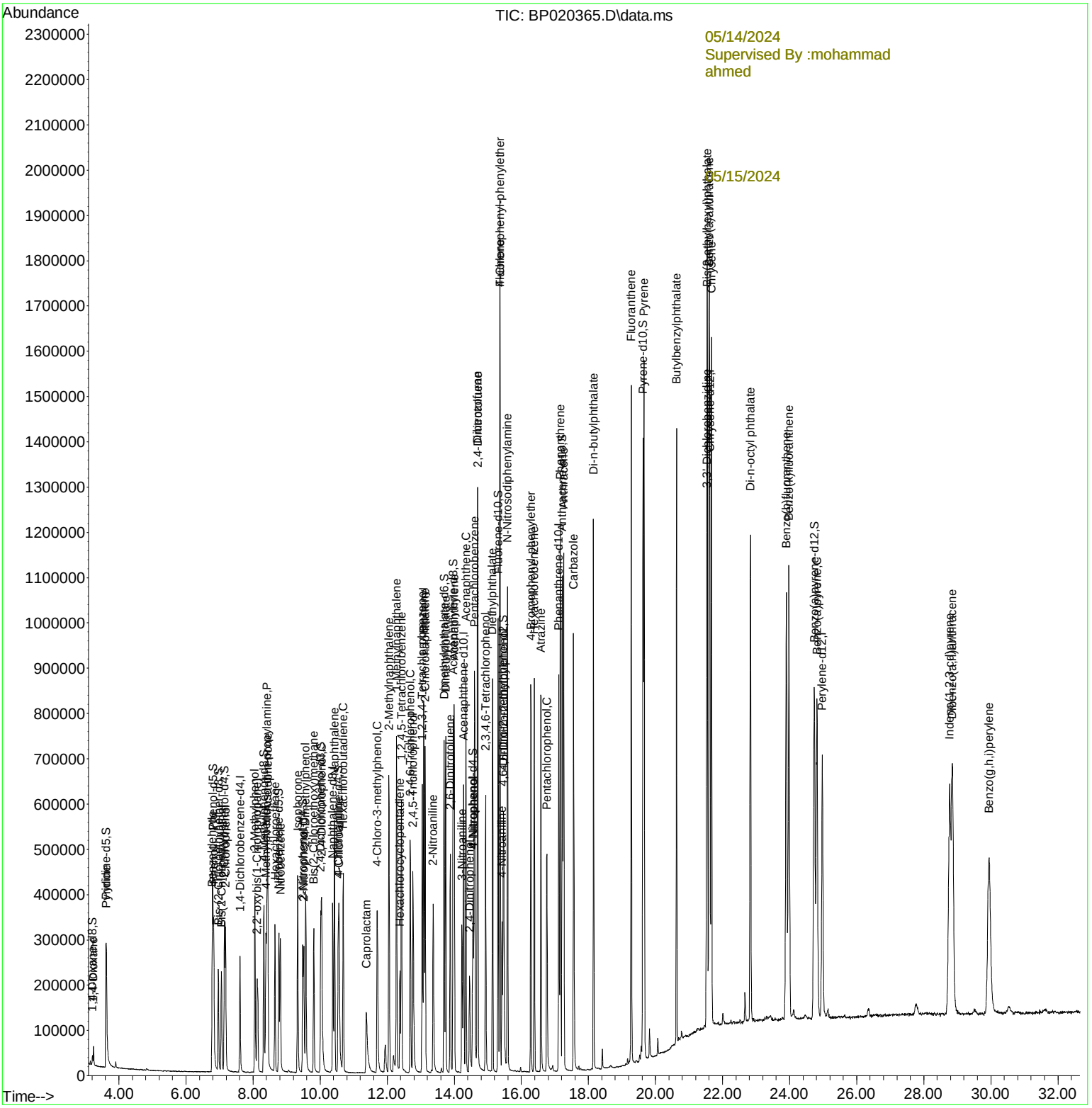
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 00:21:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay



Quantitation Report (Qedit)

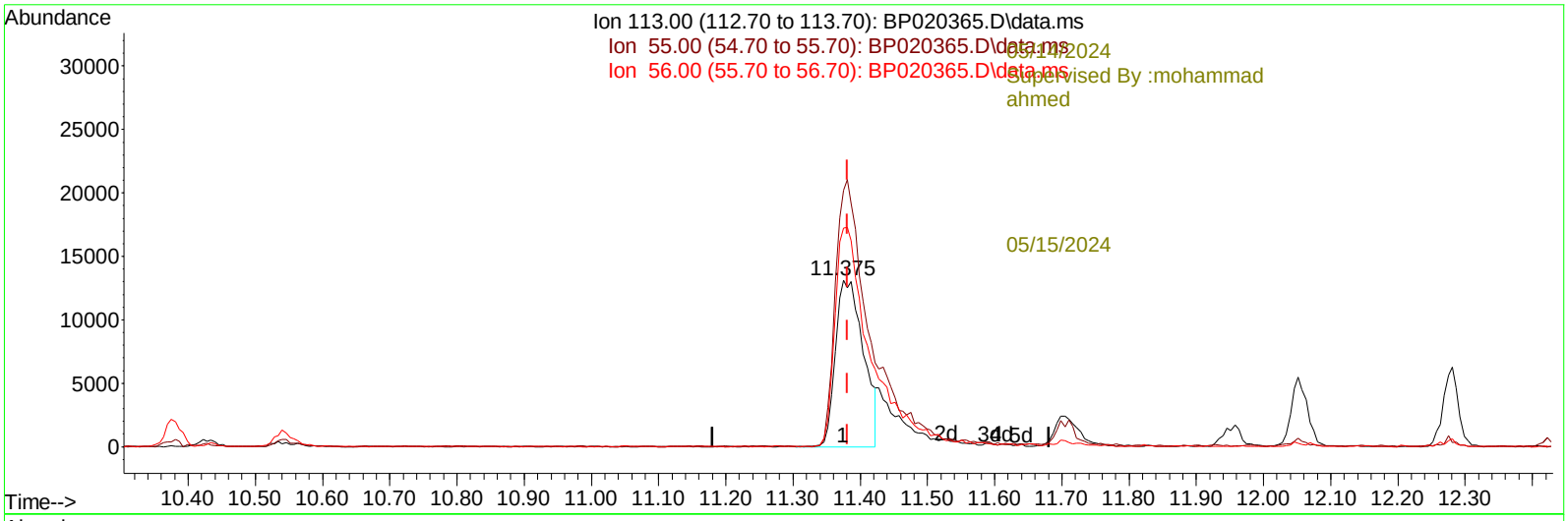
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

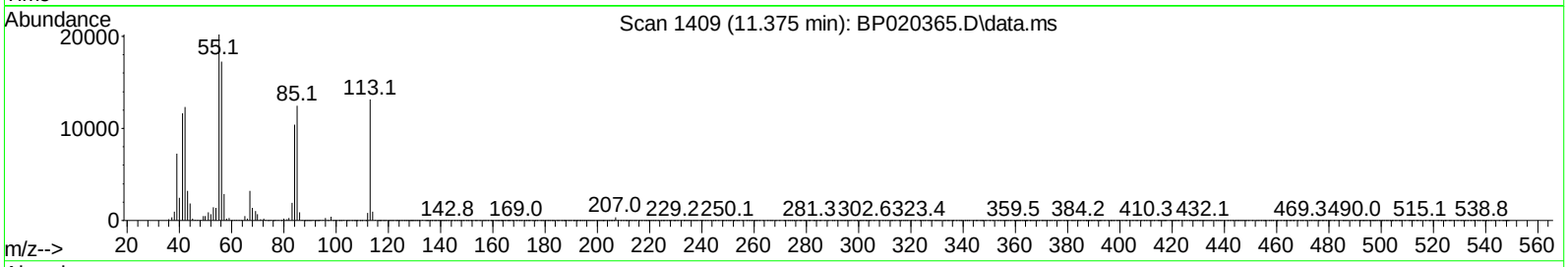
Quant Time: May 14 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

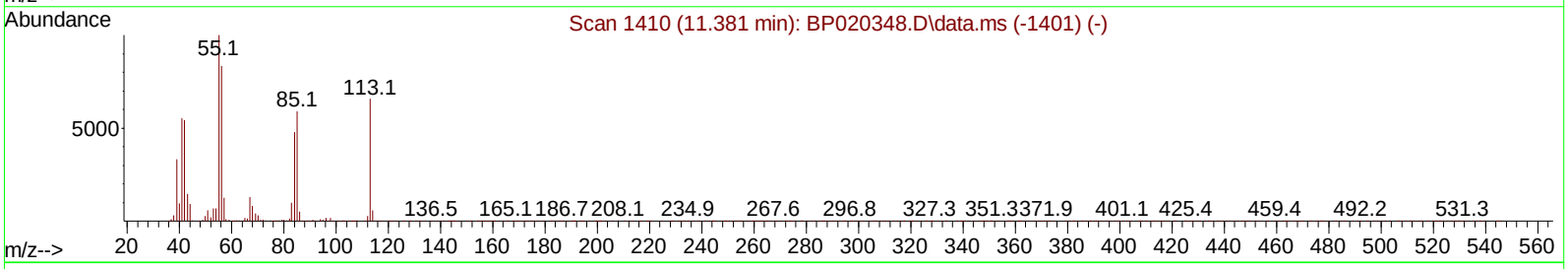
Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

(34) Caprolactam

11.375min (-0.006) 24.32 ng/ul

response 37996

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	153.95
56.00	131.80	131.33
0.00	0.00	0.00

Quantitation Report (Qedit)

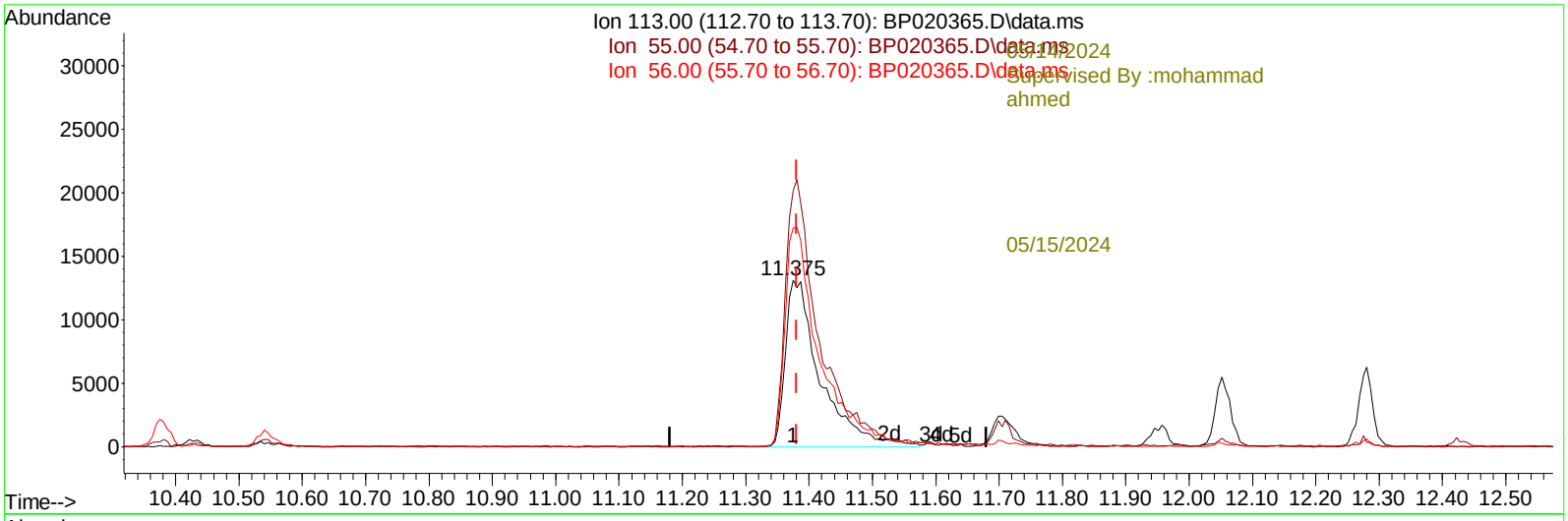
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

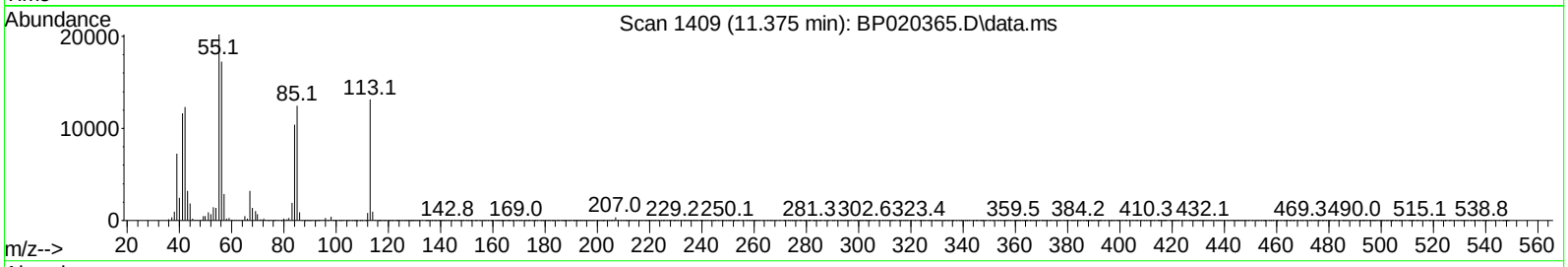
Quant Time: May 14 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

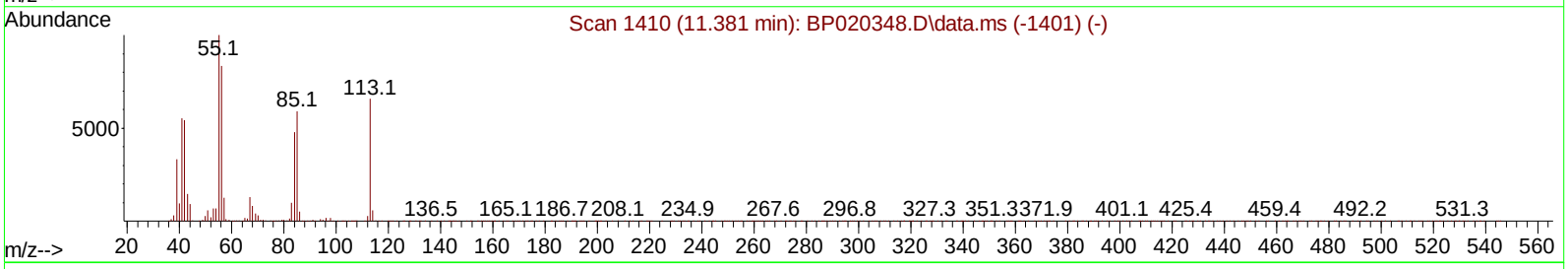
Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

(34) Caprolactam

11.375min (-0.006) 32.01 ng/ul m

response 50007

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	153.95
56.00	131.80	131.33
0.00	0.00	0.00

Quantitation Report (Qedit)

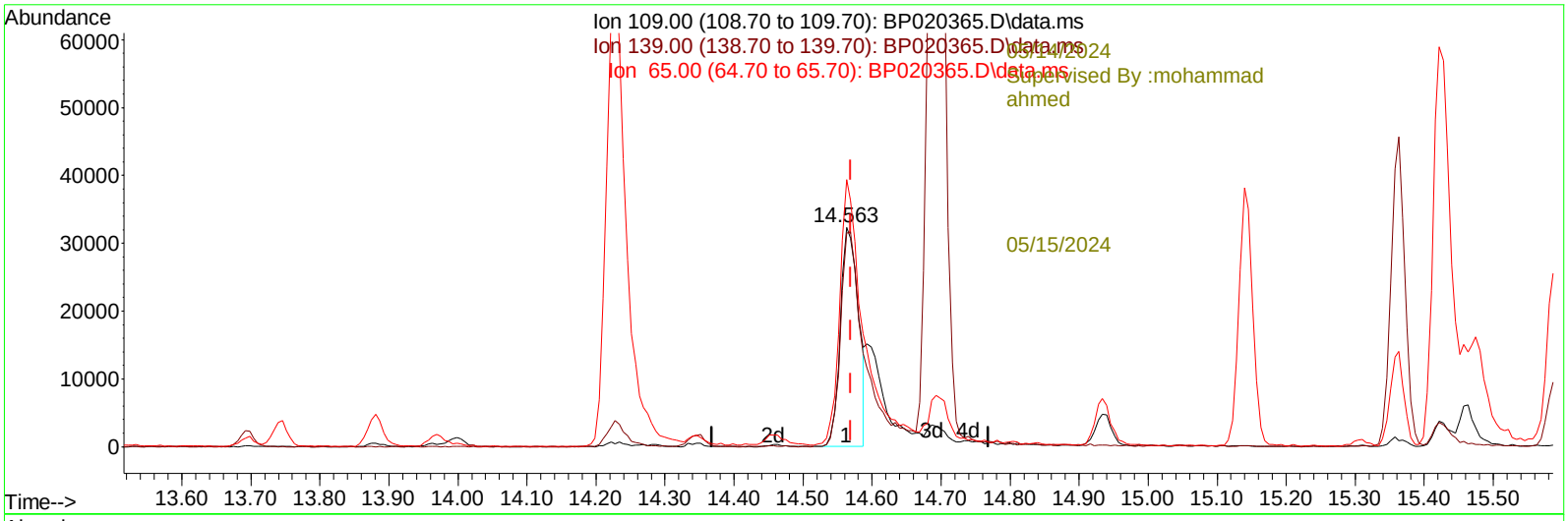
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

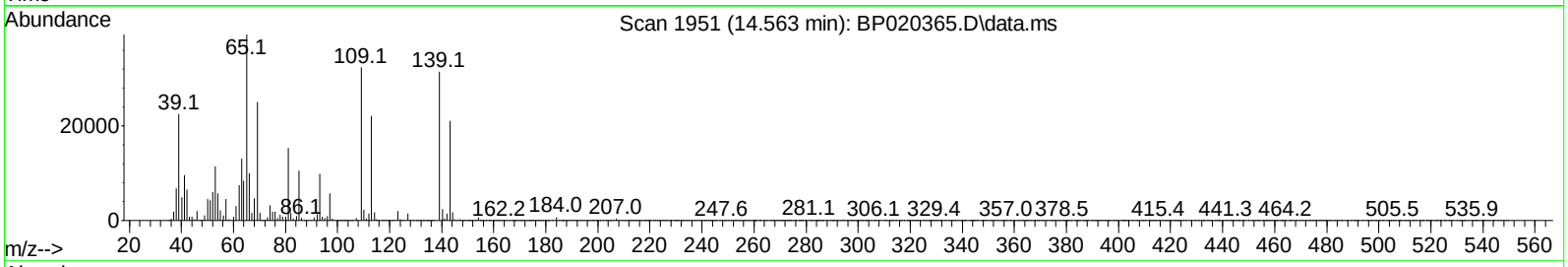
Quant Time: May 14 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

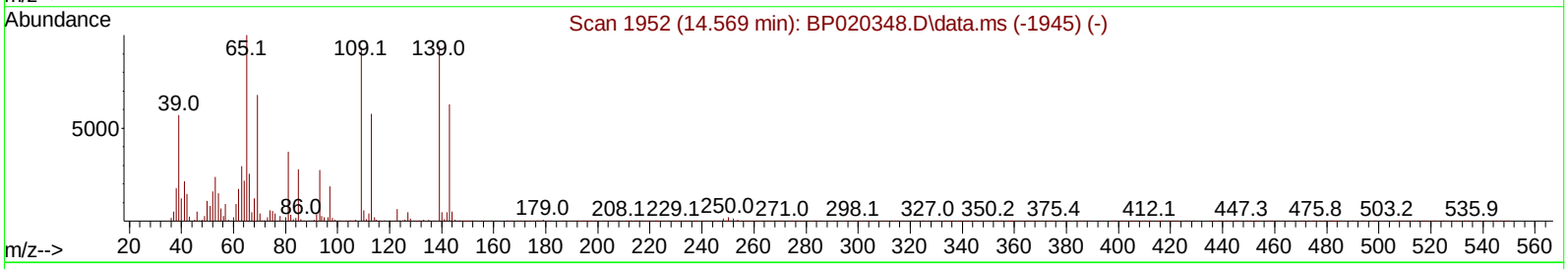
Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

(55) 4-Nitrophenol

14.563min (-0.006) 23.10 ng/ul

response 58721

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	98.00	97.40
65.00	127.20	121.58
0.00	0.00	0.00

Quantitation Report (Qedit)

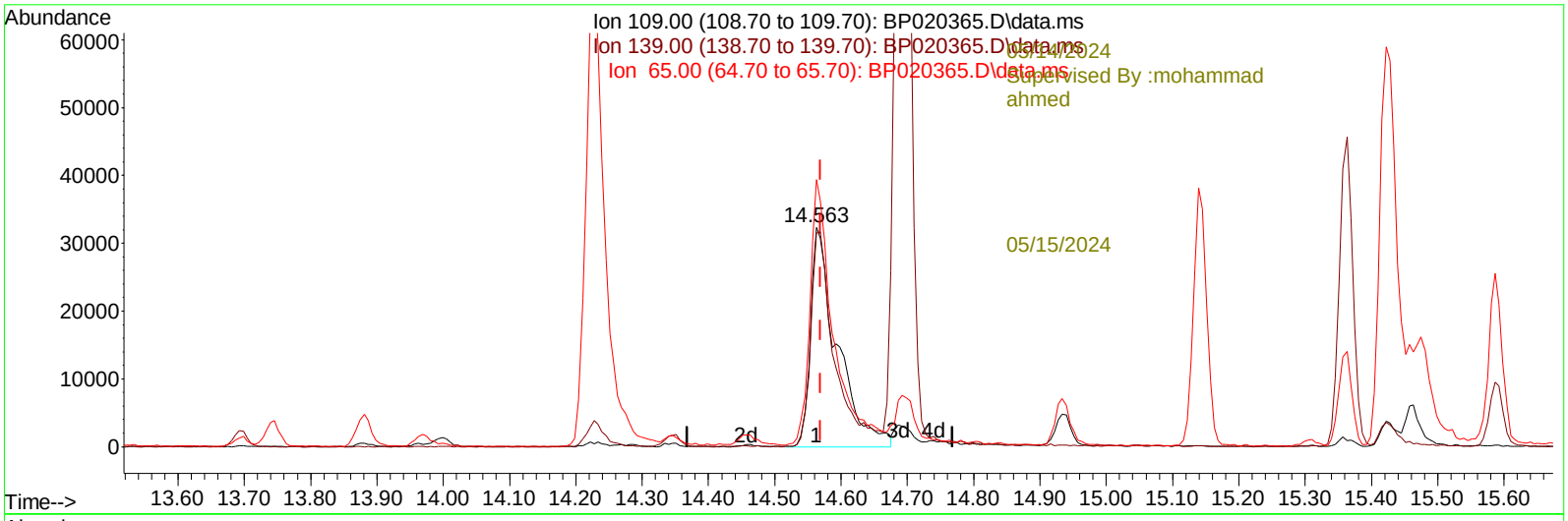
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

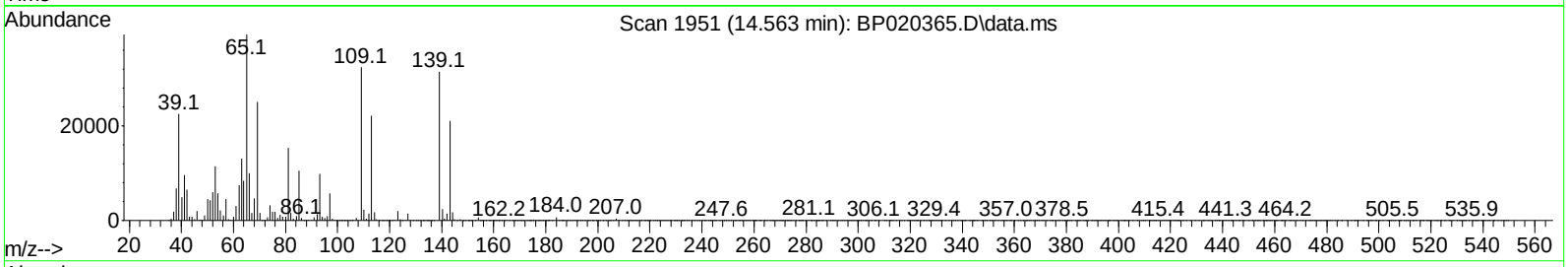
Quant Time: May 14 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

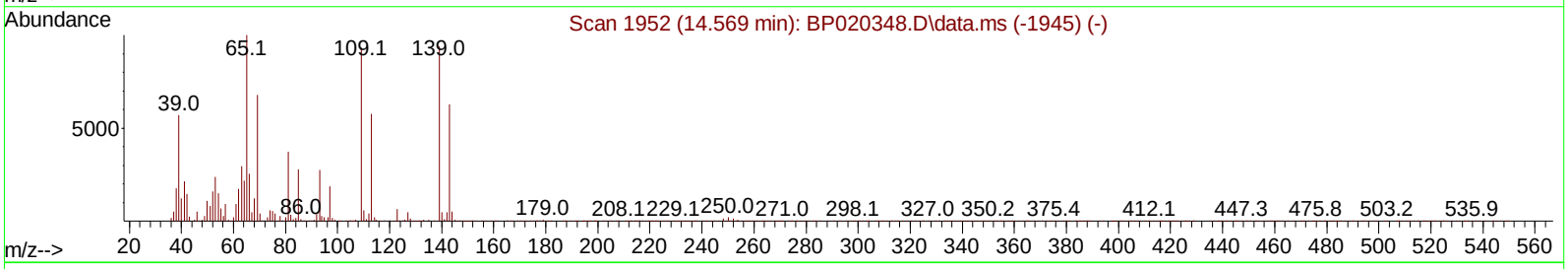
Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

(55) 4-Nitrophenol

14.563min (-0.006) 35.38 ng/ul m

response 89957

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	98.00	97.40
65.00	127.20	121.58
0.00	0.00	0.00

Quantitation Report (Qedit)

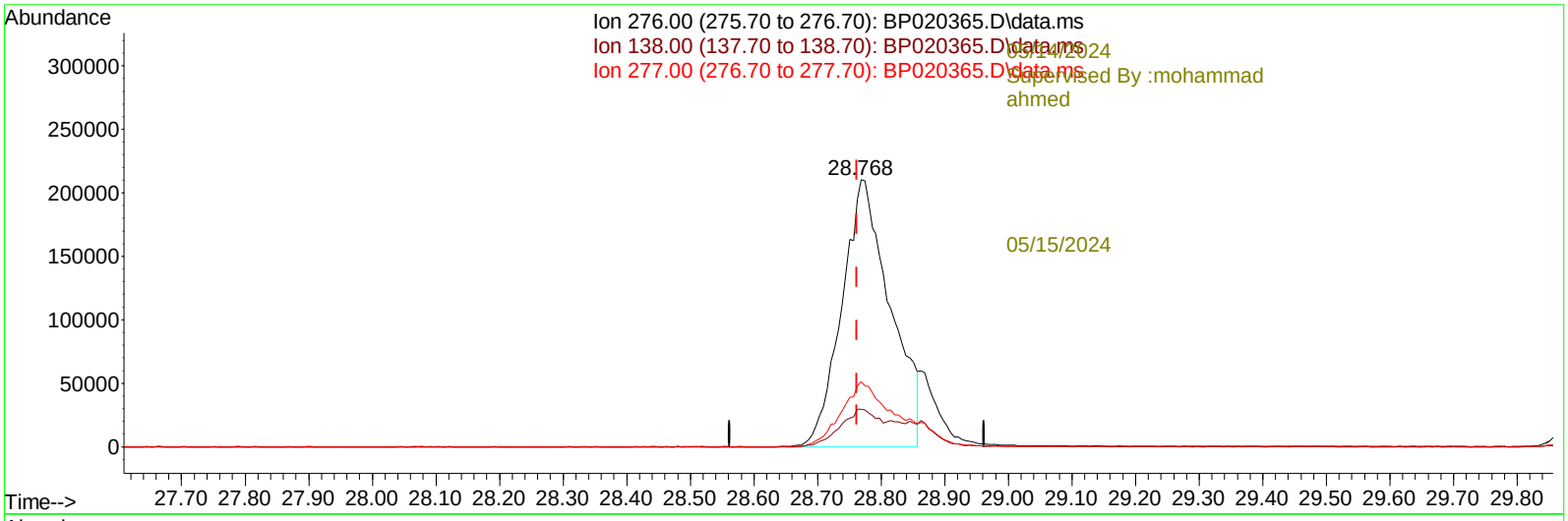
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

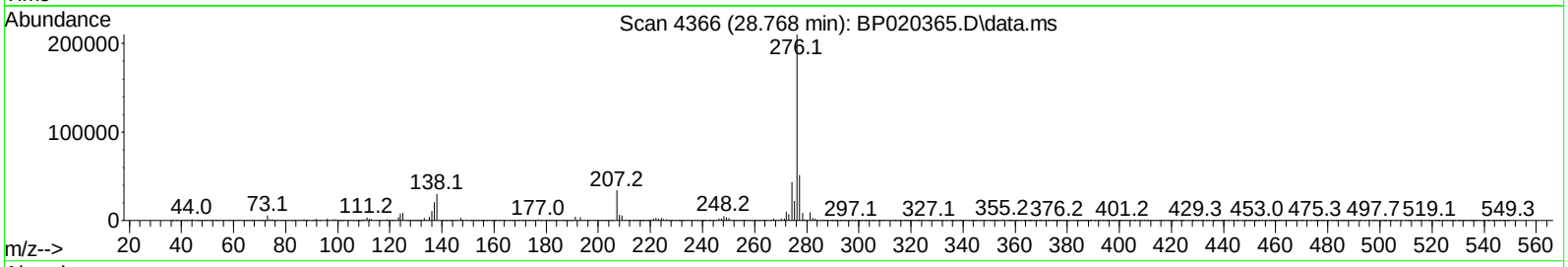
Quant Time: May 14 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

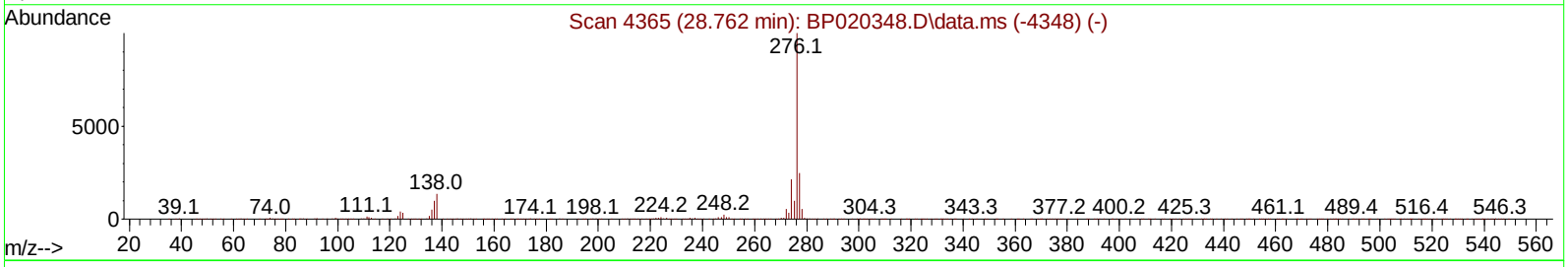
Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

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

28.768min (+ 0.006) 26.83 ng/ul

response 1112021

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.15
277.00	23.70	24.46
0.00	0.00	0.00

Quantitation Report (Qedit)

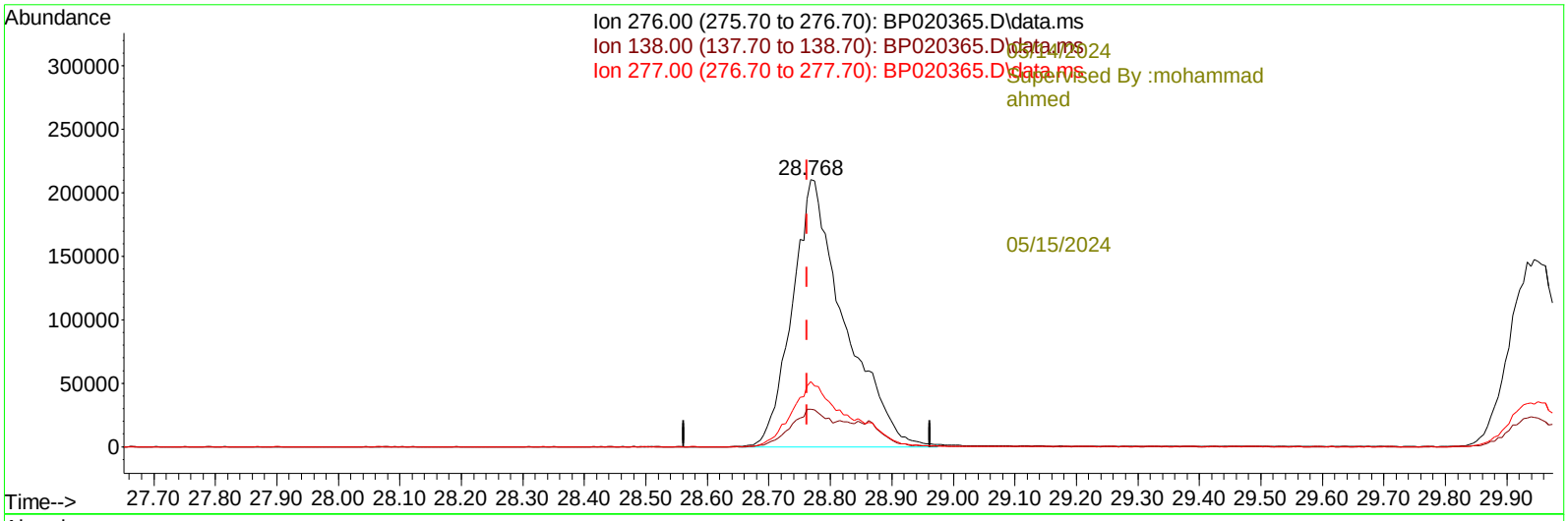
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

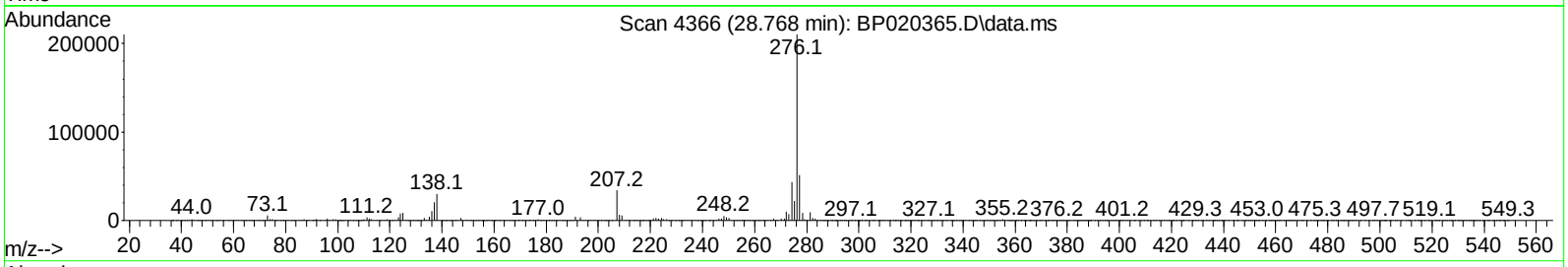
Quant Time: May 14 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

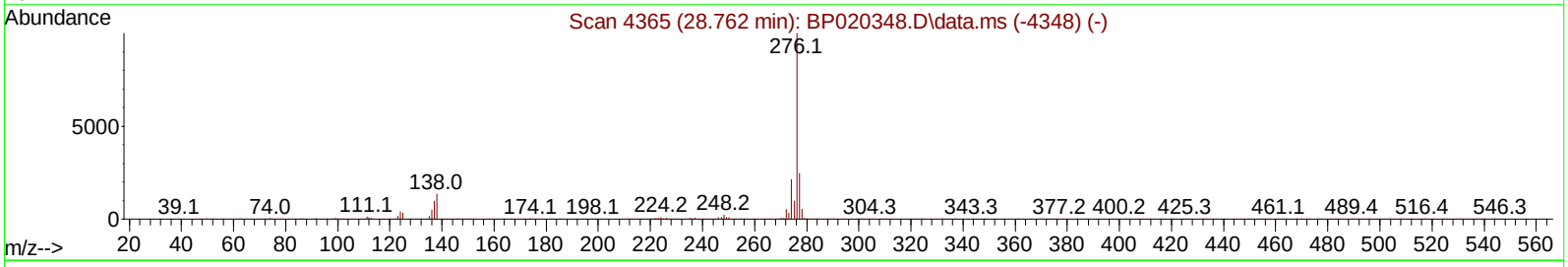
Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

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

28.768min (+ 0.006) 29.88 ng/ul m

response 1238486

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.15
277.00	23.70	24.46
0.00	0.00	0.00

Quantitation Report (Qedit)

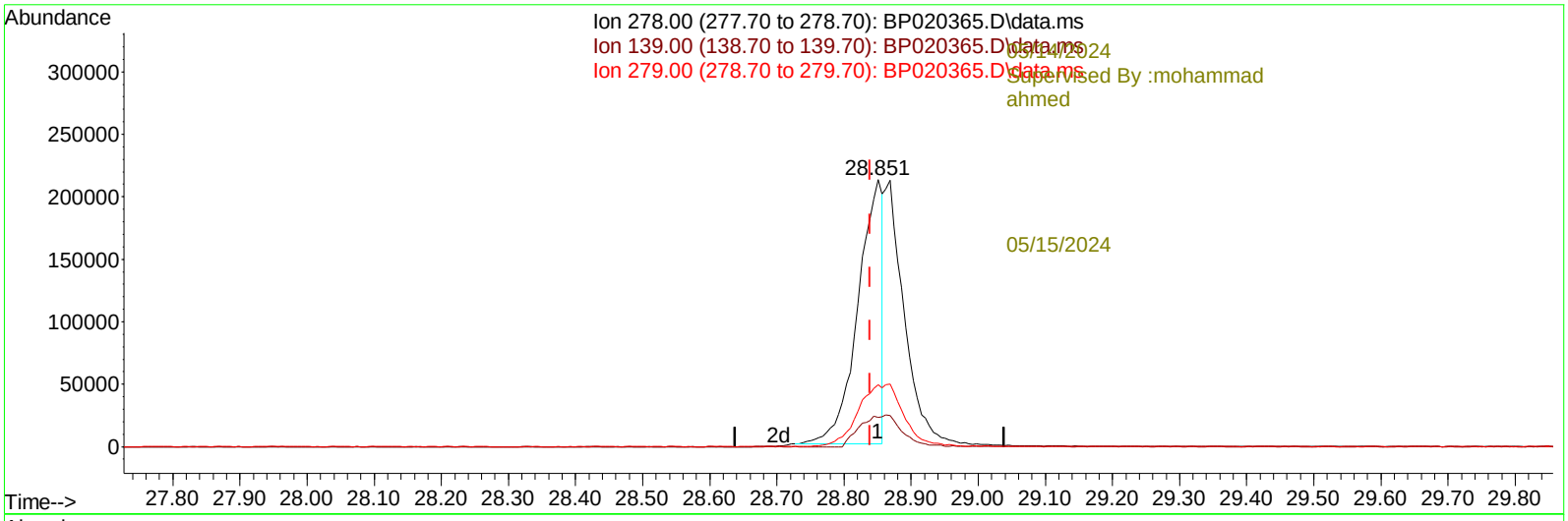
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

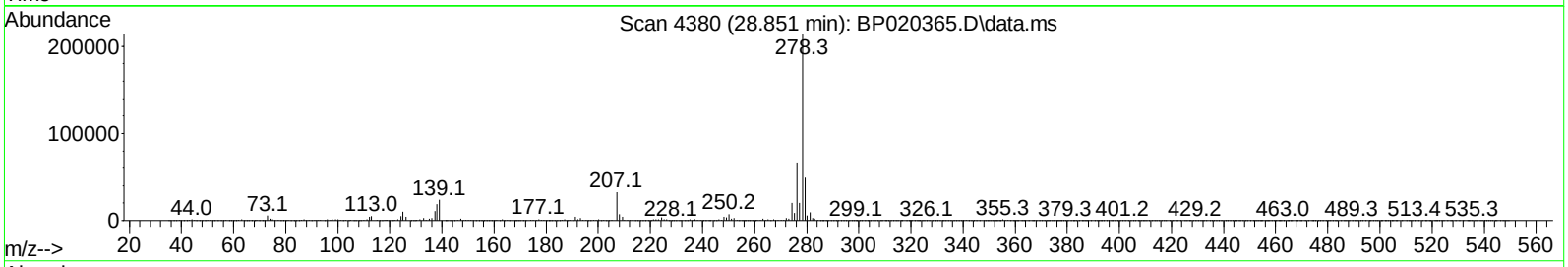
Quant Time: May 14 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

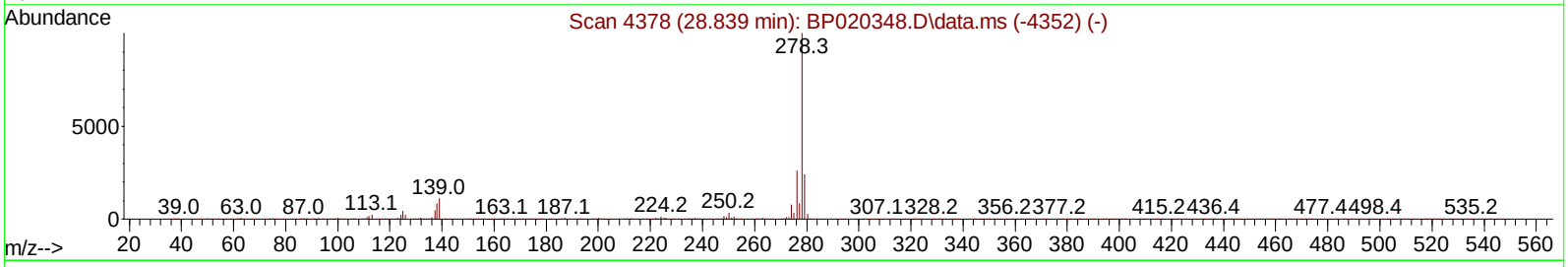
Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

(95) Dibenzo(a,h)anthracene

28.851min (+ 0.012) 15.63 ng/ul

response 535828

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	11.05
279.00	24.10	23.15
0.00	0.00	0.00

Quantitation Report (Qedit)

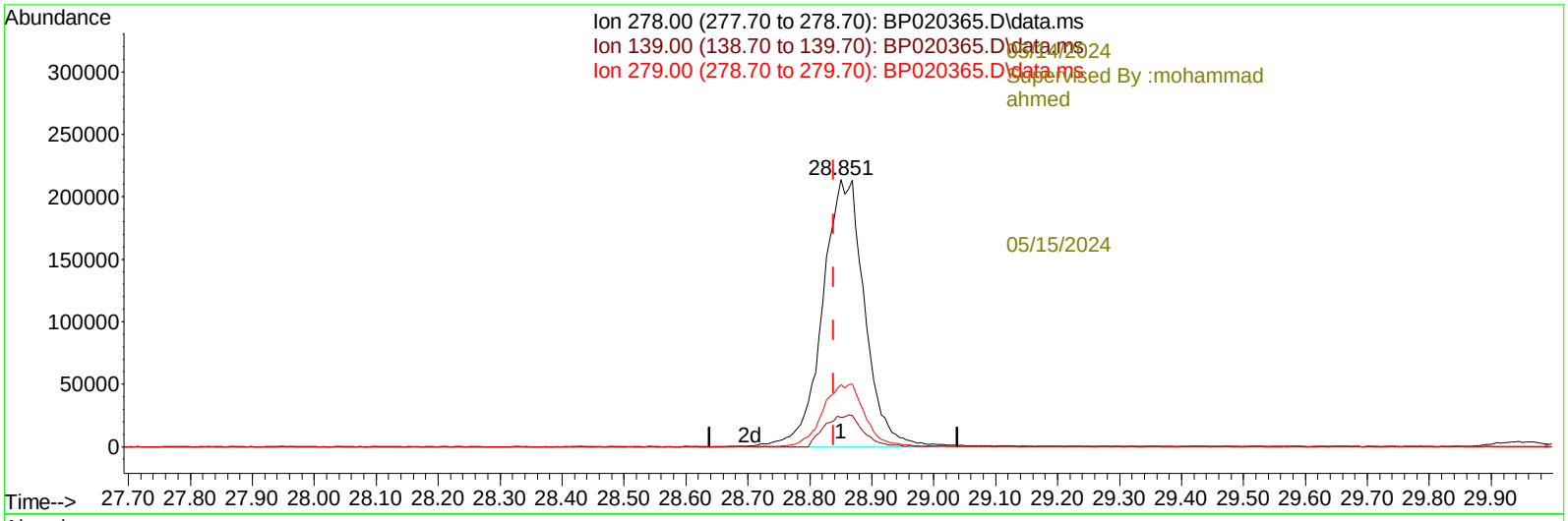
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

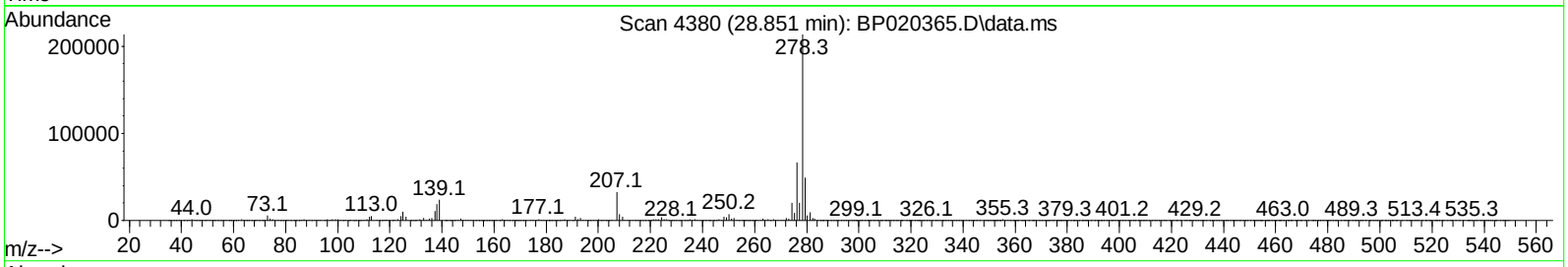
Quant Time: May 14 00:21:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

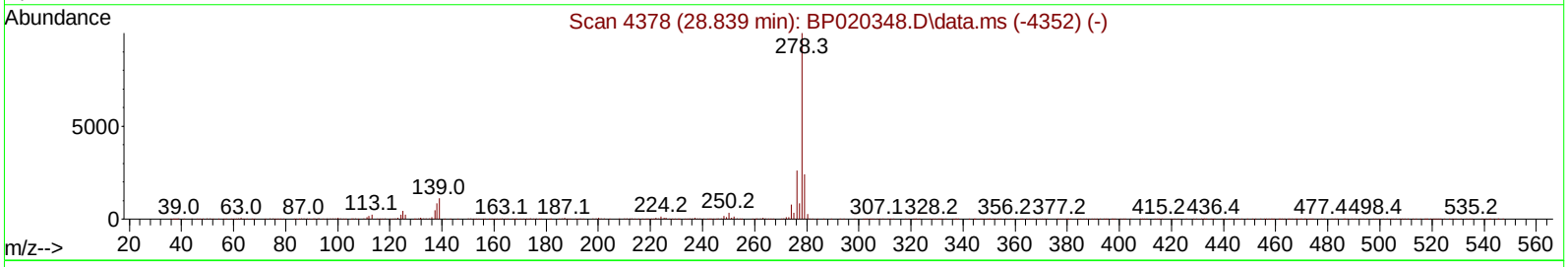
Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

(95) Dibenzo(a,h)anthracene

28.851min (+ 0.012) 29.23 ng/ul m

response 1001990

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	11.05
279.00	24.10	23.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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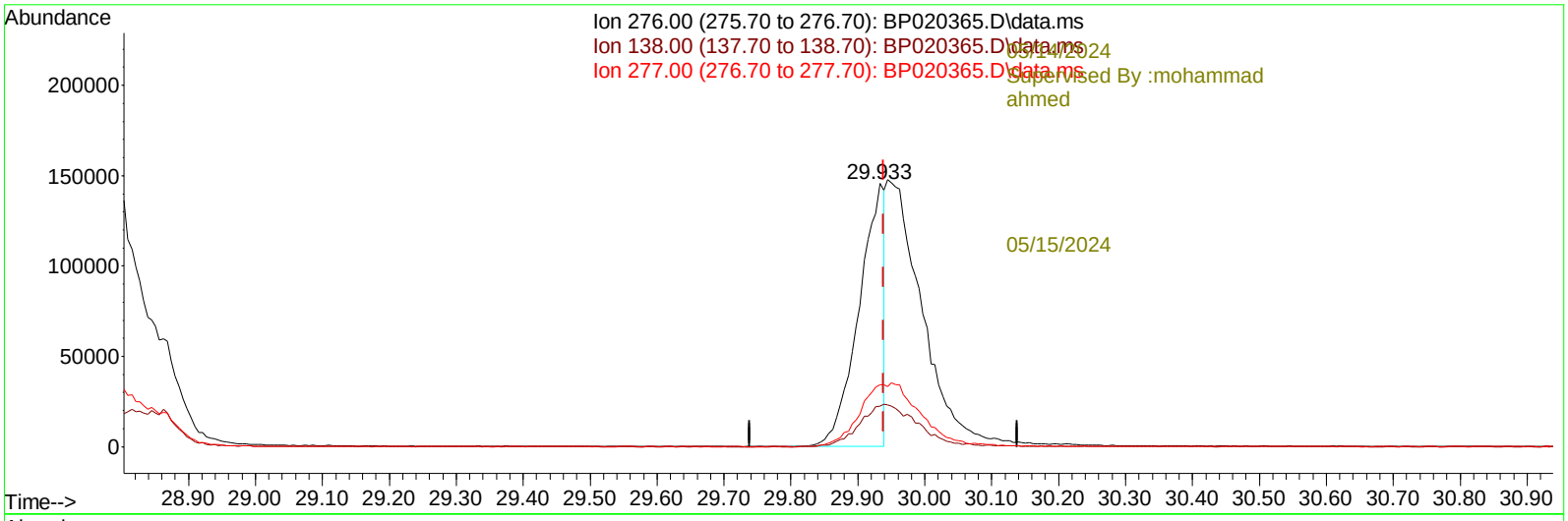
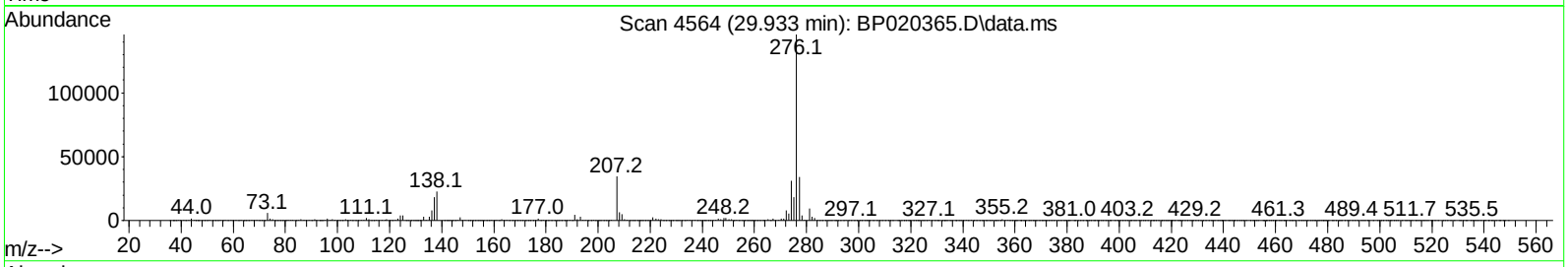
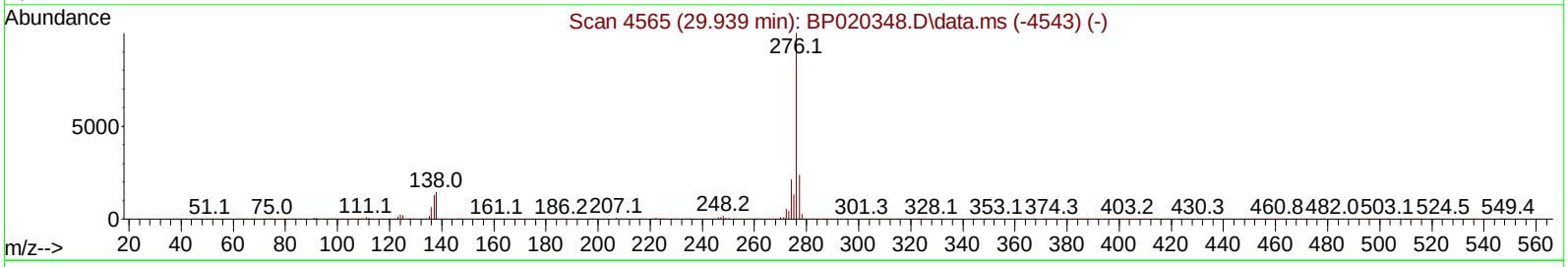
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

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

29.933min (-0.006) 11.55 ng/ul

response 385951

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.47
277.00	24.20	23.51
0.00	0.00	0.00

Quantitation Report (Qedit)

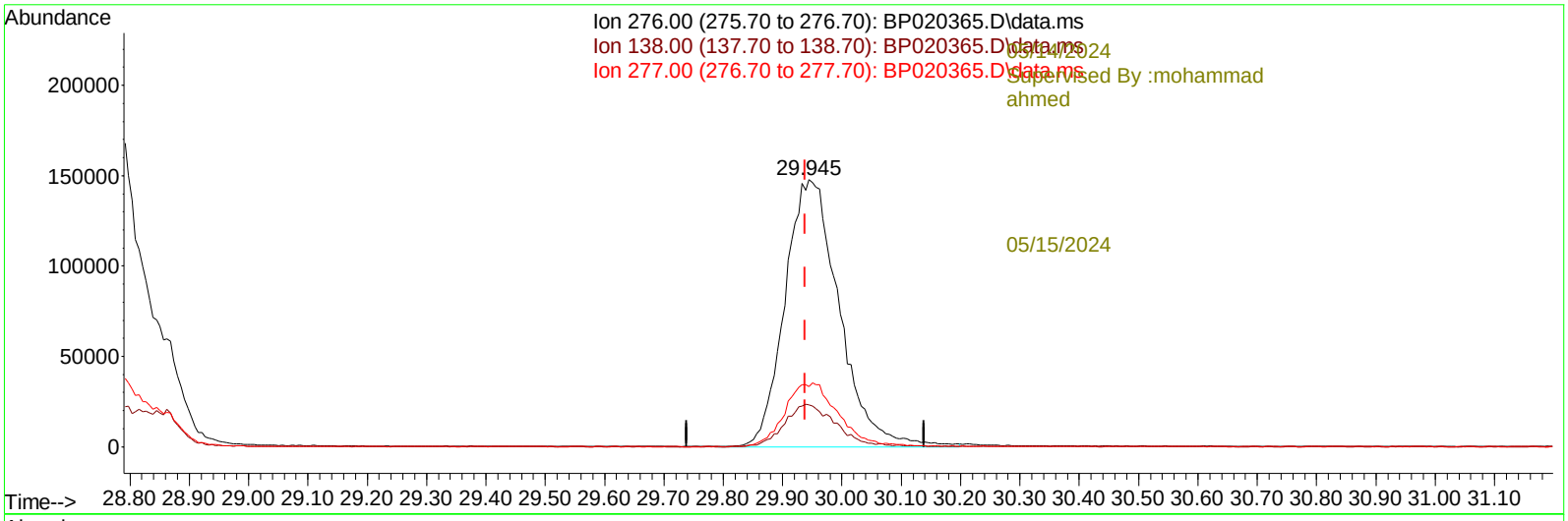
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

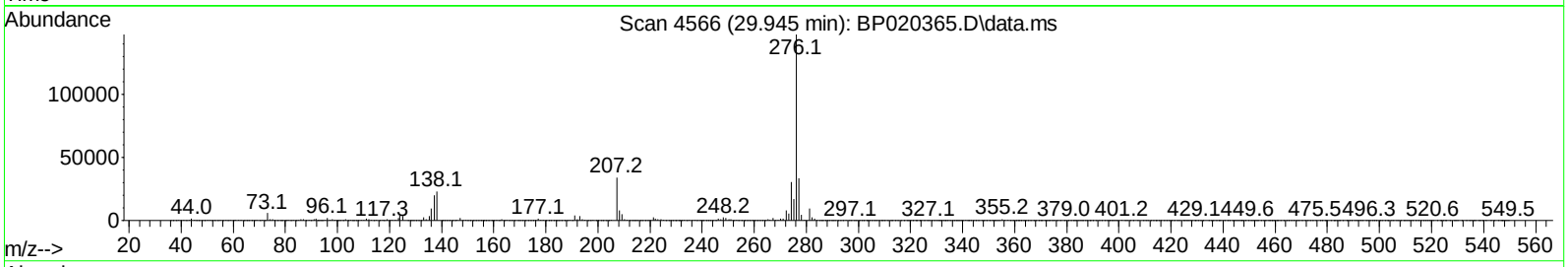
Quant Time: May 14 00:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

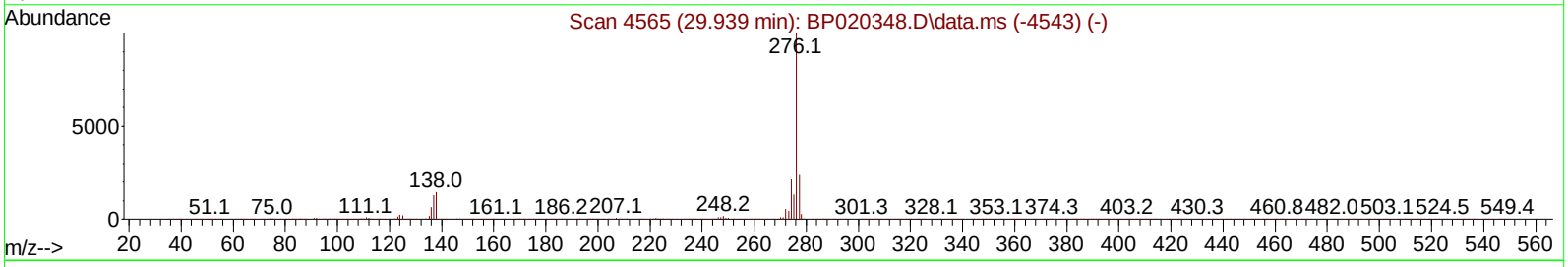
Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay







TIC: BP020365.D\data.ms

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

29.945min (+ 0.006) 28.11 ng/ul m

response 939592

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.67
277.00	24.20	22.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 00:21:50 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay
05/14/2024
Supervised By :mohammad ahmed
05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	70147	20.000	ng/ul	0.00
20) Naphthalene-d8	10.375	136	293918	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	217565	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	496429	20.000	ng/ul	0.00
79) Chrysene-d12	21.622	240	528317	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	597353	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	9627	5.796	ng/uL	0.00
4) Pyridine-d5	3.611	84	128041	26.531	ng/ul	-0.01
7) Phenol-d5	6.799	99	173080	28.731	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	101909	27.848	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	134424	31.214	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	139918	28.728	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	67264	30.561	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	78202	31.027	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	141791	30.828	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	180798	28.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	488919	30.773	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	524880	29.906	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	64224	26.301	ng/ul	0.00
60) Fluorene-d10	15.310	176	408964	30.861	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	93822	29.783	ng/ul	0.00
73) Anthracene-d10	17.222	188	677337	31.540	ng/ul	0.00
81) Pyrene-d10	19.628	212	855213	27.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	892652	30.906	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	19728	10.467	ng/uL	96
5) Pyridine	3.628	79	129130	26.454	ng/ul	98
6) Benzaldehyde	6.781	77	108619	35.871	ng/ul	93
8) Phenol	6.828	94	174352	28.041	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.058	93	131824	27.094	ng/ul	99
12) 2-Chlorophenol	7.181	128	137242	30.523	ng/ul	95
13) 2-Methylphenol	8.052	108	131724	28.402	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.122	45	158492	26.114	ng/ul	98
16) Acetophenone	8.440	105	227852	28.188	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.416	70	118790	27.080	ng/ul	98
18) 4-Methylphenol	8.387	108	145433	28.850	ng/ul	98
19) Hexachloroethane	8.652	117	59777	29.072	ng/ul	93
22) Nitrobenzene	8.816	77	175095	27.713	ng/ul	99
23) Isophorone	9.328	82	329718	27.139	ng/ul	100
25) 2-Nitrophenol	9.510	139	79406	30.415	ng/ul	95
26) 2,4-Dimethylphenol	9.569	107	152188	26.720	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.810	93	186781	27.731	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	141068	31.532	ng/ul	97
30) Naphthalene	10.428	128	435935	28.775	ng/ul	100
32) 4-Chloroaniline	10.569	127	167913	26.675	ng/ul	98
33) Hexachlorobutadiene	10.693	225	106337	30.602	ng/ul	96
34) Caprolactam	11.375	113	50007m	32.013	ng/ul	
35) 4-Chloro-3-methylphenol	11.699	107	169562	30.441	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020365.D
Acq On : 13 May 2024 22:57
Operator : MA/JU
Sample : PB160849BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 00:21:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 10:50:47 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS849

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay

05/14/2024

Supervised By :mohammad ahmed

05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	317340	30.106	ng/ul	97
37) 1-Methylnaphthalene	12.281	142	314119	29.613	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	204744	30.175	ng/ul	97
40) Hexachlorocyclopentadiene	12.381	237	63741	17.273	ng/ul	94
41) 2,4,6-Trichlorophenol	12.687	196	127796	30.033	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	138906	30.337	ng/ul	94
43) 1,1'-Biphenyl	13.093	154	433982	28.202	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	346073	28.342	ng/ul	97
45) 2-Nitroaniline	13.369	65	118126	29.165	ng/ul	96
47) Dimethylphthalate	13.745	163	463144	28.860	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	96524	30.255	ng/ul	97
50) Acenaphthylene	13.998	152	560792	28.408	ng/ul	98
51) 3-Nitroaniline	14.228	138	90162	30.301	ng/ul	99
52) Acenaphthene	14.345	153	366316	27.613	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	52734	26.929	ng/ul	93
55) 4-Nitrophenol	14.563	109	89957m	35.384	ng/ul	
56) Dibenzofuran	14.692	168	546977	29.979	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	152711	33.293	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.934	232	132215	32.156	ng/ul	96
59) Diethylphthalate	15.140	149	495156	30.909	ng/ul	99
61) Fluorene	15.363	166	459267	30.295	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.363	204	245797	30.562	ng/ul	96
63) 4-Nitroaniline	15.422	138	89532	36.105	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	98197	29.894	ng/ul	100
67) N-Nitrosodiphenylamine	15.587	169	398337	28.818	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	161743	30.079	ng/ul	95
69) Hexachlorobenzene	16.387	284	189167	30.374	ng/ul	97
70) Atrazine	16.587	200	159358	32.514	ng/ul	99
71) Pentachlorophenol	16.763	266	112405	29.860	ng/ul	99
72) Phenanthrene	17.163	178	754617	29.793	ng/ul	99
74) Anthracene	17.263	178	763127	29.623	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.046	216	197461	26.763	ng/uL	97
76) Pentachlorobenzene	14.604	250	210129	28.460	ng/uL	99
77) Carbazole	17.557	167	697626	31.435	ng/ul	98
78) Di-n-butylphthalate	18.151	149	874773	32.519	ng/ul	100
80) Fluoranthene	19.280	202	959140	26.390	ng/ul	98
82) Pyrene	19.657	202	1018352	26.930	ng/ul	100
83) Butylbenzylphthalate	20.627	149	412958	28.768	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	345663	32.148	ng/ul	96
85) Benzo(a)anthracene	21.598	228	1064263	29.700	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	615113	29.703	ng/ul	97
87) Chrysene	21.669	228	1000961	30.139	ng/ul	99
89) Di-n-octyl phthalate	22.833	149	1071409	28.006	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	1051596	29.594	ng/ul	97
91) Benzo(k)fluoranthene	23.980	252	1067664	29.483	ng/ul	100
93) Benzo(a)pyrene	24.815	252	880770	26.050	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	1238486m	29.881	ng/ul	
95) Dibenzo(a,h)anthracene	28.851	278	1001990m	29.227	ng/ul	
96) Benzo(g,h,i)perylene	29.945	276	939592m	28.107	ng/ul	

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