Quantitation Report (Qedit)

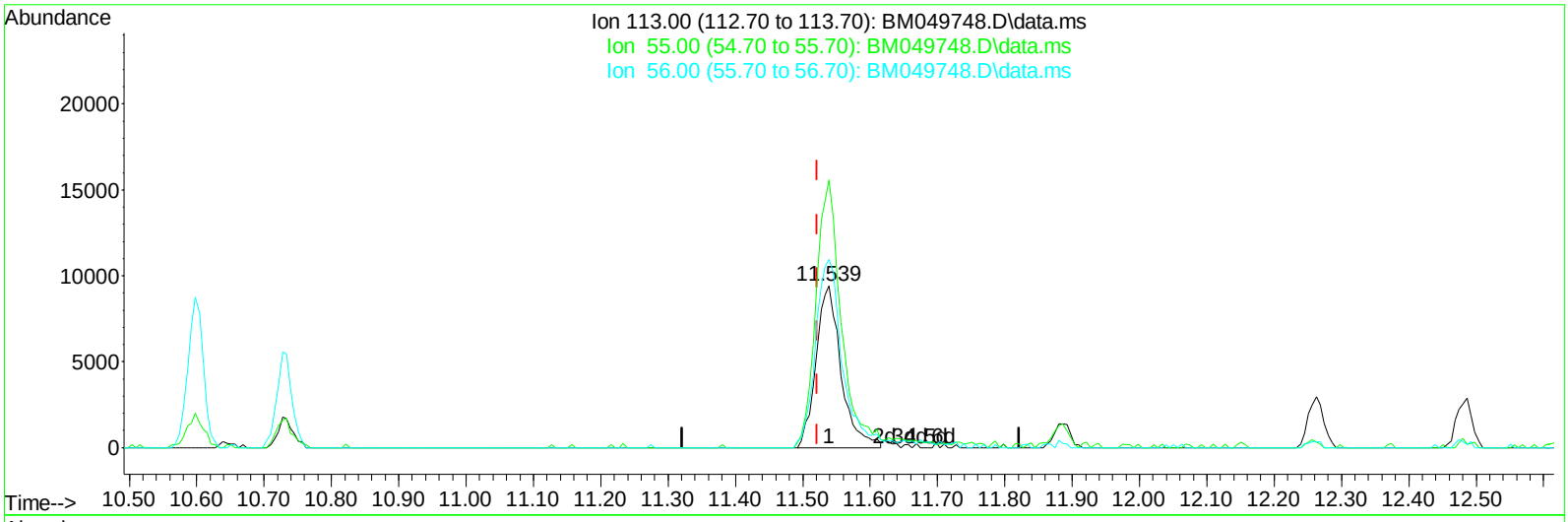
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
Data File : BM049748.D
Acq On : 24 Mar 2025 13:00
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

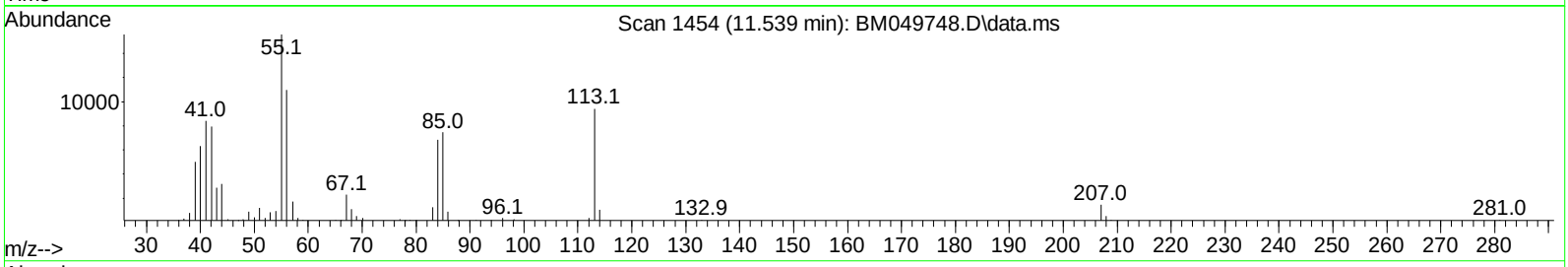
Quant Time: Mar 24 14:01:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:26:37 2025
Response via : Initial Calibration

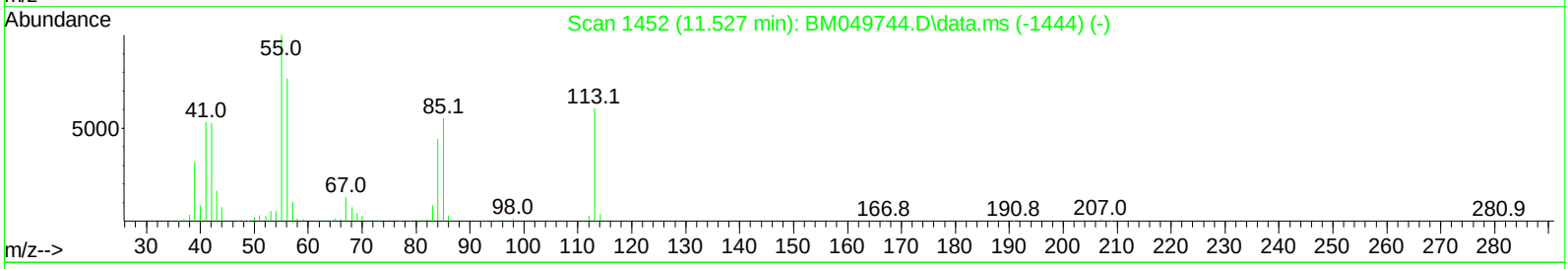
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2025-02

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025







TIC: BM049748.D\data.ms

(34) Caprolactam

11.539min (+ 0.018) 4.57 ng/ul

response 24245

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	170.10	165.34
56.00	120.80	116.31
0.00	0.00	0.00

Quantitation Report (Qedit)

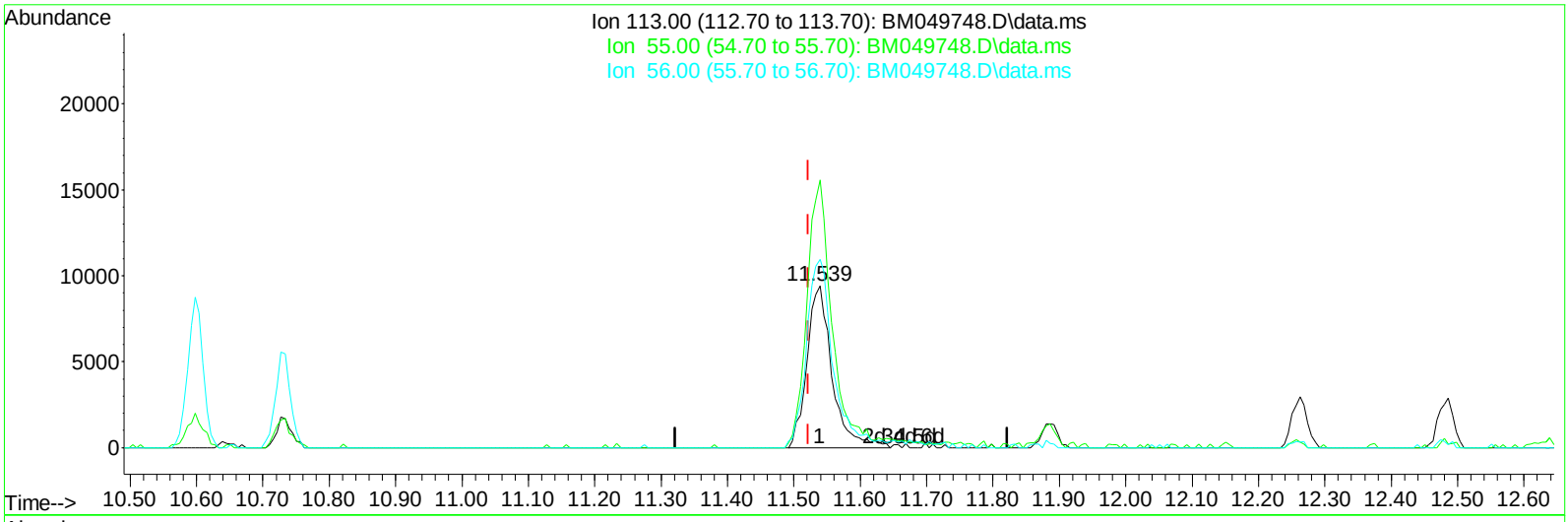
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
Data File : BM049748.D
Acq On : 24 Mar 2025 13:00
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

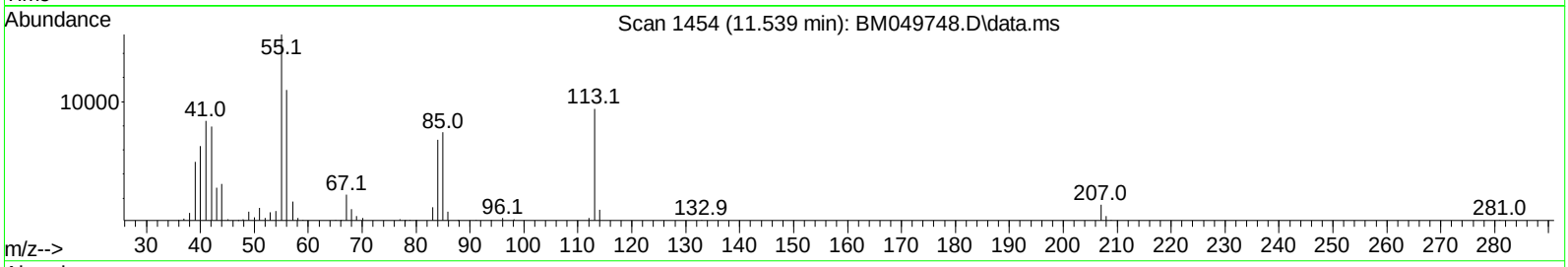
Quant Time: Mar 24 14:01:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:26:37 2025
Response via : Initial Calibration

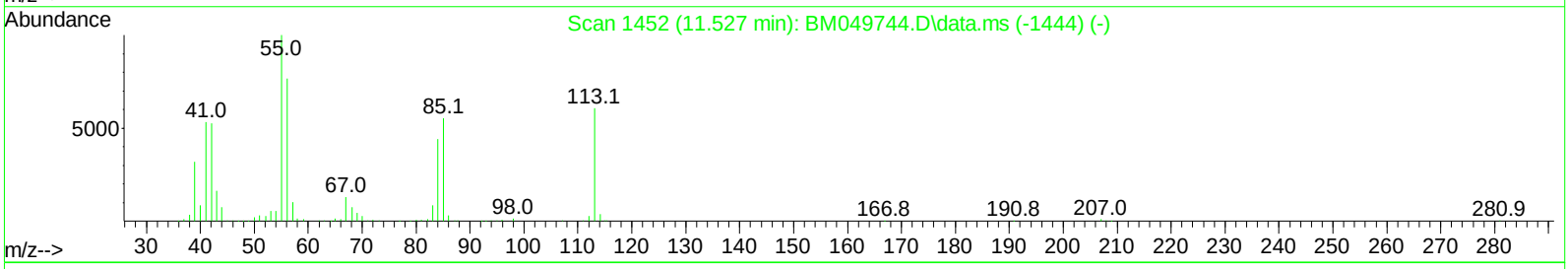
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2025-02

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025







TIC: BM049748.D\data.ms

(34) Caprolactam

11.539min (+ 0.018) 4.65 ng/ul m

response 24671

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	170.10	165.34
56.00	120.80	116.31
0.00	0.00	0.00

Quantitation Report (Qedit)

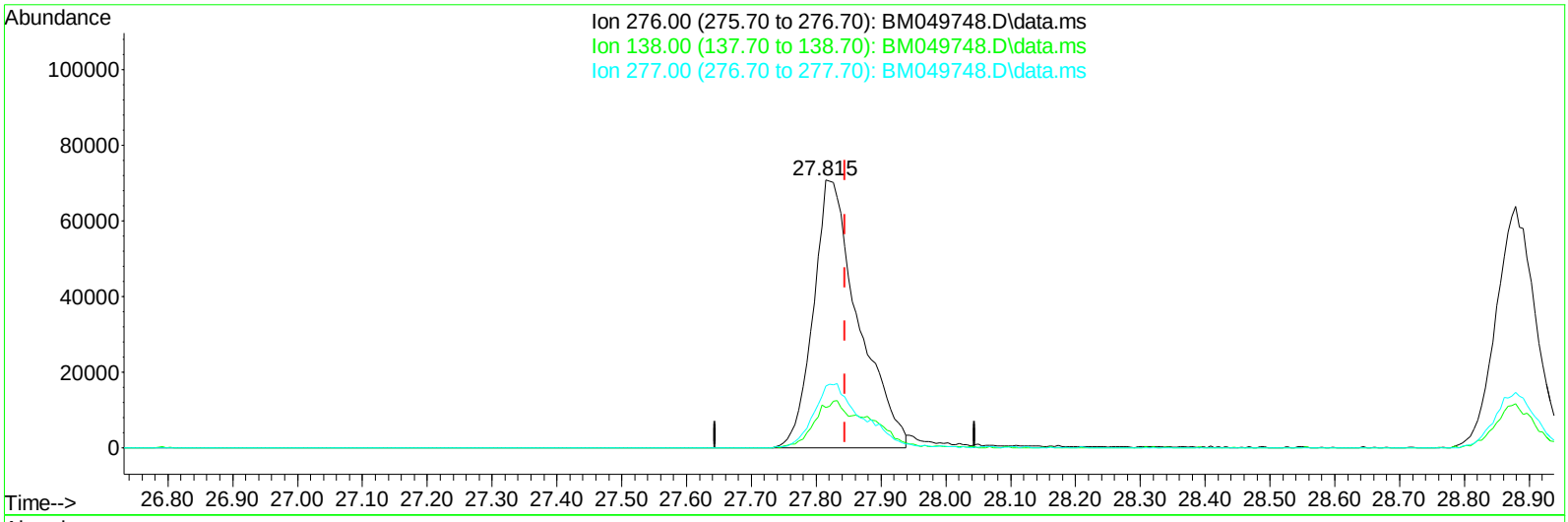
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
Data File : BM049748.D
Acq On : 24 Mar 2025 13:00
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

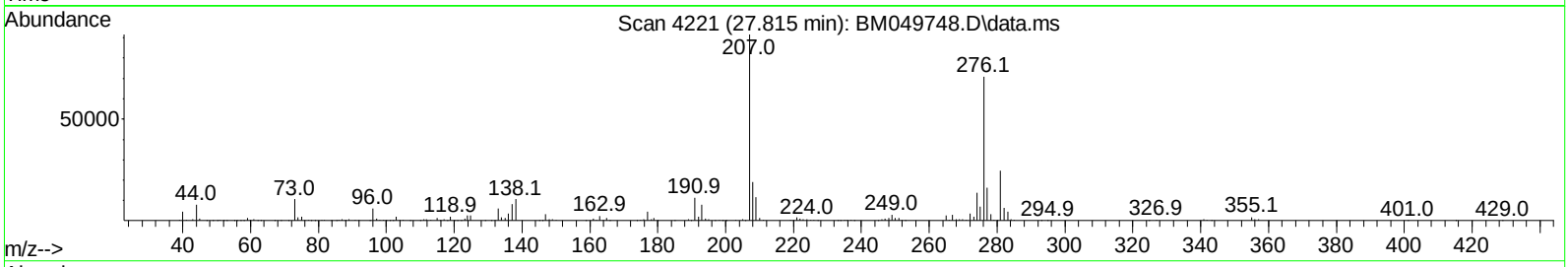
Quant Time: Mar 24 14:01:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:26:37 2025
Response via : Initial Calibration

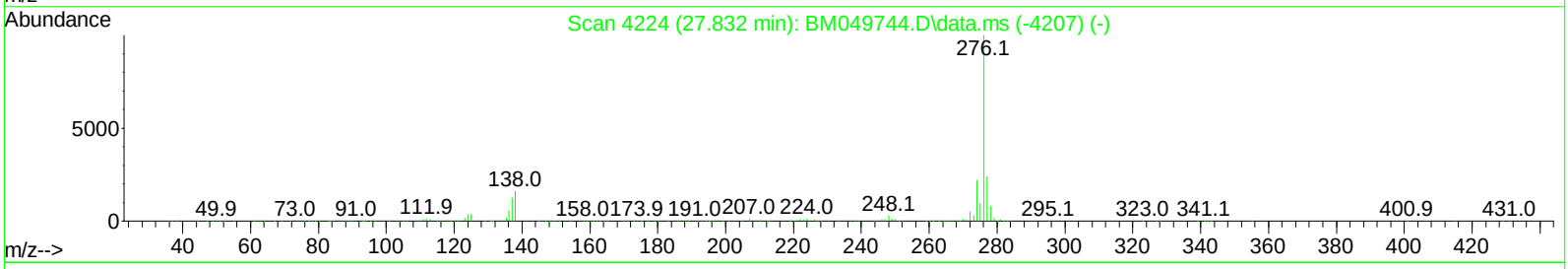
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2025-02

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025







TIC: BM049748.D\data.ms

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

27.815min (-0.030) 3.68 ng/ul

response 341058

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	14.93
277.00	23.30	23.06
0.00	0.00	0.00

Quantitation Report (Qedit)

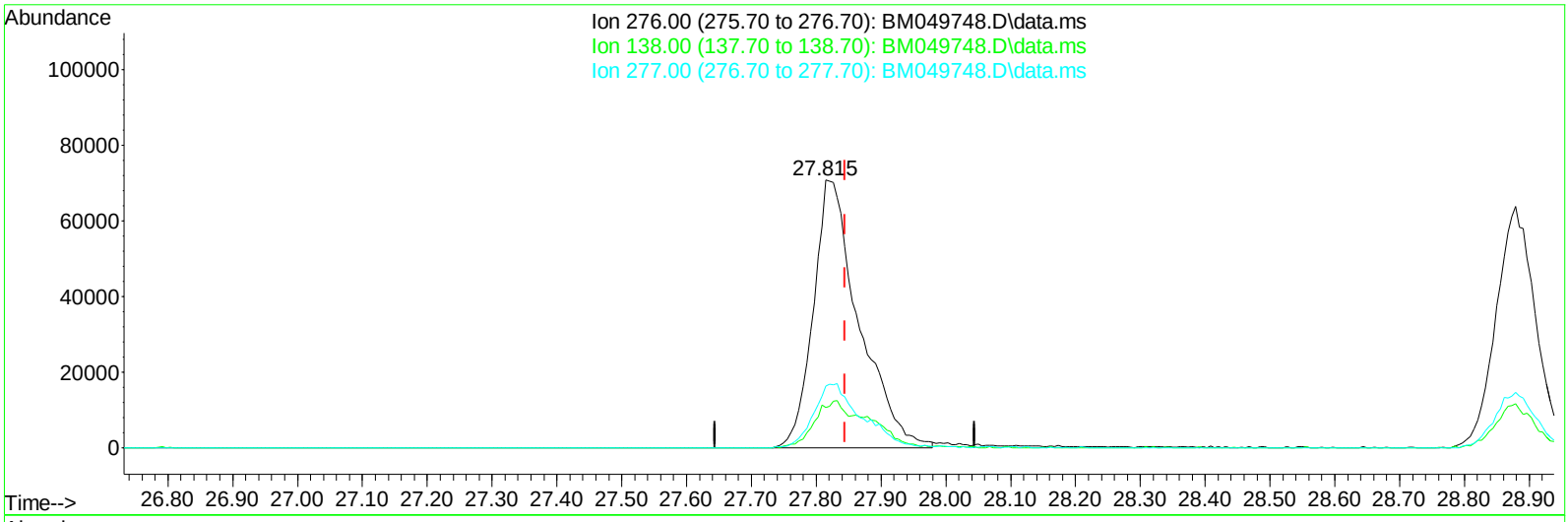
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
Data File : BM049748.D
Acq On : 24 Mar 2025 13:00
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

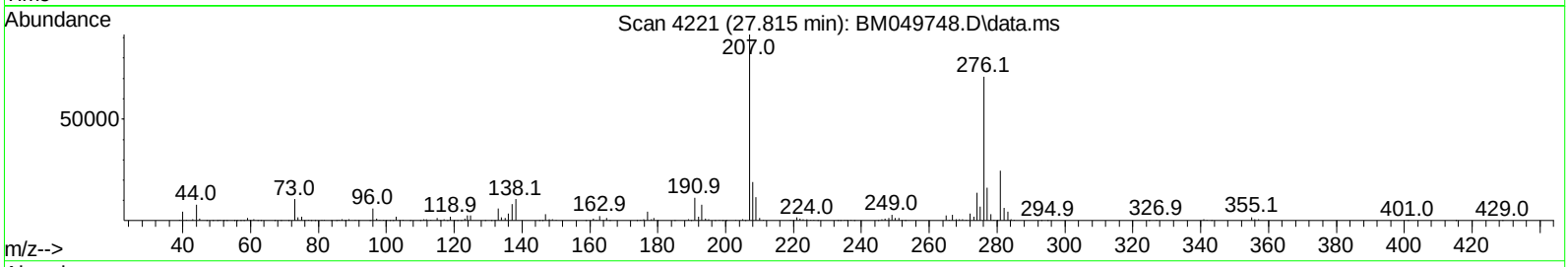
Quant Time: Mar 24 14:01:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:26:37 2025
Response via : Initial Calibration

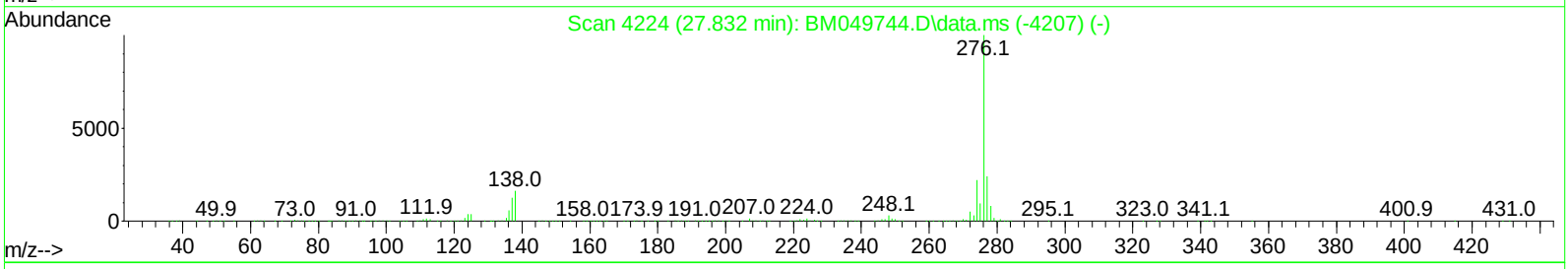
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2025-02

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025







TIC: BM049748.D\data.ms

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

27.815min (-0.030) 3.74 ng/ul m

response 346202

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	14.93
277.00	23.30	23.06
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
Data File : BM049748.D
Acq On : 24 Mar 2025 13:00
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 24 14:01:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:26:37 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2025-02

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	331995	20.00	ng/ul	0.00
20) Naphthalene-d8	10.598	136	1241414	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	866900	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1784210	20.00	ng/ul	0.00
79) Chrysene-d12	21.421	240	1463135	20.00	ng/ul	0.00
88) Perylene-d12	24.438	264	1231698	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	33662	3.94	ng/uL	0.00
4) Pyridine-d5	3.663	84	597420	23.92	ng/ul	0.00
7) Phenol-d5	6.975	99	654882	26.26	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	446846	27.52	ng/ul	0.00
11) 2-Chlorophenol-d4	7.339	132	528607	27.79	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	478299	26.05	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	247925	27.10	ng/ul	0.00
24) 2-Nitrophenol-d4	9.680	143	259088	27.98	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	540096	25.75	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	708408	26.69	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1701798	28.00	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	2000598	27.13	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	246945	23.86	ng/ul	0.00
60) Fluorene-d10	15.433	176	1537607	28.11	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	212241	20.84	ng/ul	0.00
73) Anthracene-d10	17.280	188	2300003	25.75	ng/ul	0.00
81) Pyrene-d10	19.574	212	2661929	31.91	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.232	264	1852726	28.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	12403	1.38	ng/uL	97
5) Pyridine	3.687	79	109952	4.39	ng/ul#	82
6) Benzaldehyde	6.945	77	74925	5.43	ng/ul	96
8) Phenol	6.998	94	117845	4.54	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.228	93	100643	4.76	ng/ul	98
12) 2-Chlorophenol	7.369	128	94594	4.70	ng/ul	99
13) 2-Methylphenol	8.251	108	72593	4.02	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.328	45	128382	4.93	ng/ul	99
16) Acetophenone	8.622	105	150041	4.89	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.610	70	73323	4.97	ng/ul	99
18) 4-Methylphenol	8.575	108	86020	4.39	ng/ul	97
19) Hexachloroethane	8.886	117	43070	4.76	ng/ul	94
22) Nitrobenzene	8.998	77	111484	4.67	ng/ul	99
23) Isophorone	9.527	82	184378	4.53	ng/ul	98
25) 2-Nitrophenol	9.710	139	49131	4.63	ng/ul	96
26) 2,4-Dimethylphenol	9.775	107	42067	2.12	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.010	93	127995	4.79	ng/ul	99
29) 2,4-Dichlorophenol	10.245	162	98898	4.65	ng/ul	96
30) Naphthalene	10.651	128	293229	4.55	ng/ul	99
32) 4-Chloroaniline	10.751	127	117261	4.57	ng/ul	96
33) Hexachlorobutadiene	10.939	225	73574	4.45	ng/ul	97
34) Caprolactam	11.539	113	24671m	4.65	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	73550	4.35	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
Data File : BM049748.D
Acq On : 24 Mar 2025 13:00
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 24 14:01:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:26:37 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2025-02

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	205031	4.59	ng/ul	97
37) 1-Methylnaphthalene	12.480	142	191140	4.34	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	133303	4.01	ng/ul	96
40) Hexachlorocyclopentadiene	12.616	237	66348	3.38	ng/ul	96
41) 2,4,6-Trichlorophenol	12.874	196	67418	3.84	ng/ul	95
42) 2,4,5-Trichlorophenol	12.945	196	73808	3.89	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	288237	4.39	ng/ul	100
44) 2-Chloronaphthalene	13.315	162	233269	4.38	ng/ul	98
45) 2-Nitroaniline	13.515	65	45646	4.02	ng/ul	95
47) Dimethylphthalate	13.898	163	284318	4.72	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	41535	3.95	ng/ul#	84
50) Acenaphthylene	14.162	152	336777	4.47	ng/ul	98
51) 3-Nitroaniline	14.339	138	37992	3.50	ng/ul	96
52) Acenaphthene	14.504	153	240769	4.40	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	25091	4.04	ng/ul	98
55) 4-Nitrophenol	14.651	109	35750	4.35	ng/ul	89
56) Dibenzofuran	14.839	168	354675	4.61	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	66987	4.36	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.068	232	58414	4.00	ng/ul	97
59) Diethylphthalate	15.262	149	260282	4.64	ng/ul	99
61) Fluorene	15.492	166	286868	4.42	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.486	204	152340	4.31	ng/ul	98
63) 4-Nitroaniline	15.498	138	35399	3.46	ng/ul#	91
66) 4,6-Dinitro-2-methylph...	15.562	198	50569	4.40	ng/ul	99
67) N-Nitrosodiphenylamine	15.698	169	224922	4.19	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	84309	4.09	ng/ul	96
69) Hexachlorobenzene	16.492	284	101125	4.26	ng/ul	97
70) Atrazine	16.645	200	85195	4.32	ng/ul	100
71) Pentachlorophenol	16.839	266	55270	3.83	ng/ul	95
72) Phenanthrene	17.227	178	426438	4.19	ng/ul	99
74) Anthracene	17.315	178	411527	4.03	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	122395	3.64	ng/uL	98
76) Pentachlorobenzene	14.762	250	119457	3.76	ng/uL	99
77) Carbazole	17.586	167	348858	3.84	ng/ul	99
78) Di-n-butylphthalate	18.156	149	376813	4.02	ng/ul	99
80) Fluoranthene	19.239	202	454151	4.73	ng/ul	100
82) Pyrene	19.603	202	507406	4.87	ng/ul	99
83) Butylbenzylphthalate	20.503	149	122438	4.07	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.327	252	87621	2.96	ng/ul	97
85) Benzo(a)anthracene	21.403	228	442350	4.40	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.338	149	174977	3.70	ng/ul	99
87) Chrysene	21.468	228	397738	4.24	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	224636	3.23	ng/ul	100
90) Benzo(b)fluoranthene	23.480	252	352723	4.41	ng/ul	99
91) Benzo(k)fluoranthene	23.544	252	355884	4.31	ng/ul	97
93) Benzo(a)pyrene	24.291	252	319861	4.31	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.815	276	346202m	3.74	ng/ul	
95) Dibenzo(a,h)anthracene	27.879	278	274103	3.64	ng/ul	98
96) Benzo(g,h,i)perylene	28.879	276	270534	3.81	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
Data File : BM049748.D
Acq On : 24 Mar 2025 13:00
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 24 14:01:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:26:37 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2025-02

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025