

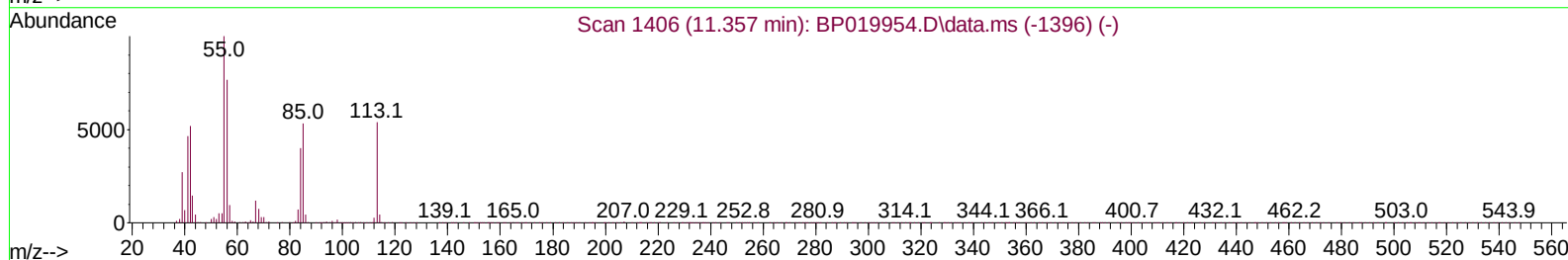
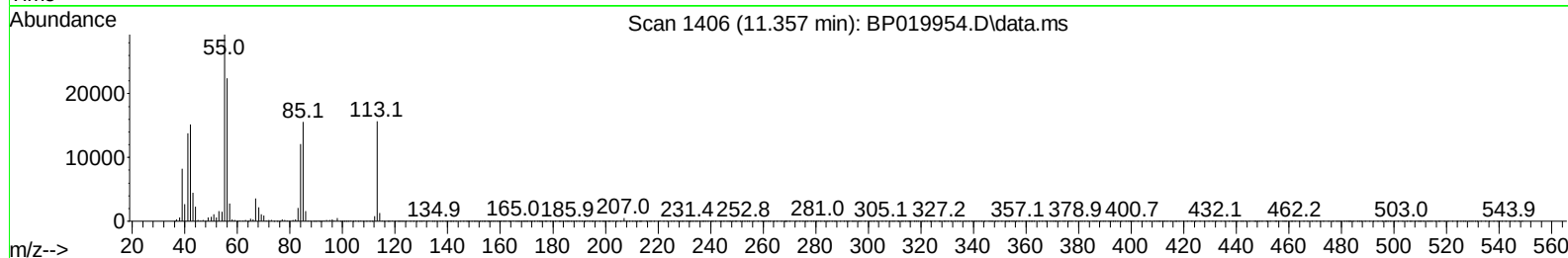
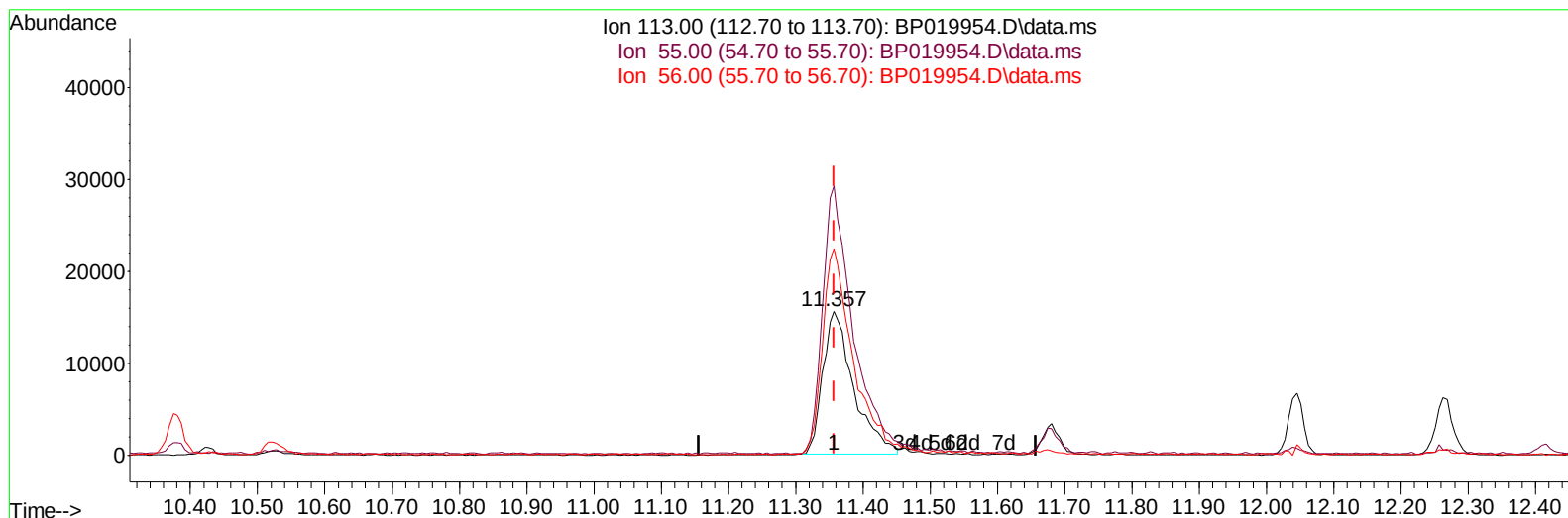
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019954.D
Acq On : 22 Mar 2024 12:08
Operator : MA/JU
Sample : SSTD02084
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 15:53:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 15:51:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



TIC: BP019954.D\data.ms

(34) Caprolactam

11.357min (0.000) 18.93 ng/ul

response 49450

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.90	186.93
56.00	143.30	143.30
0.00	0.00	0.00

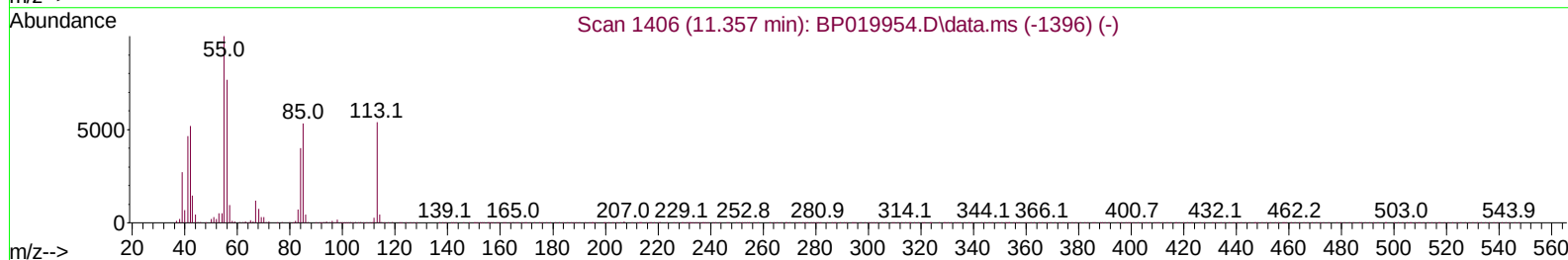
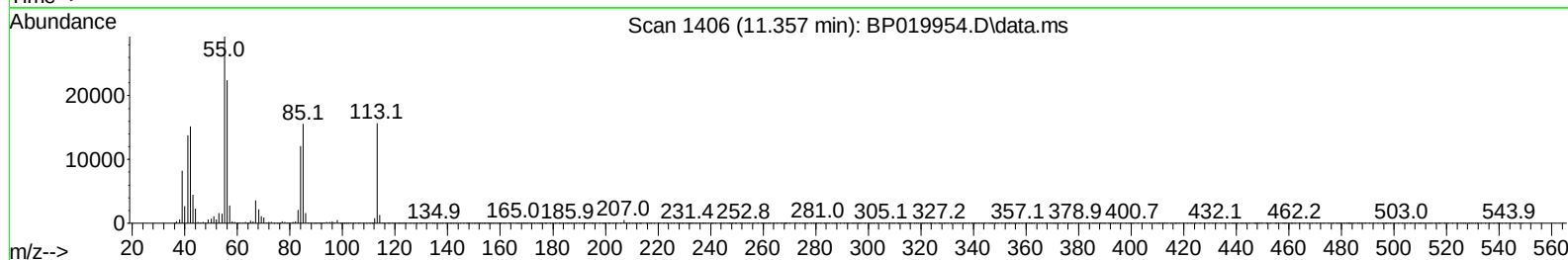
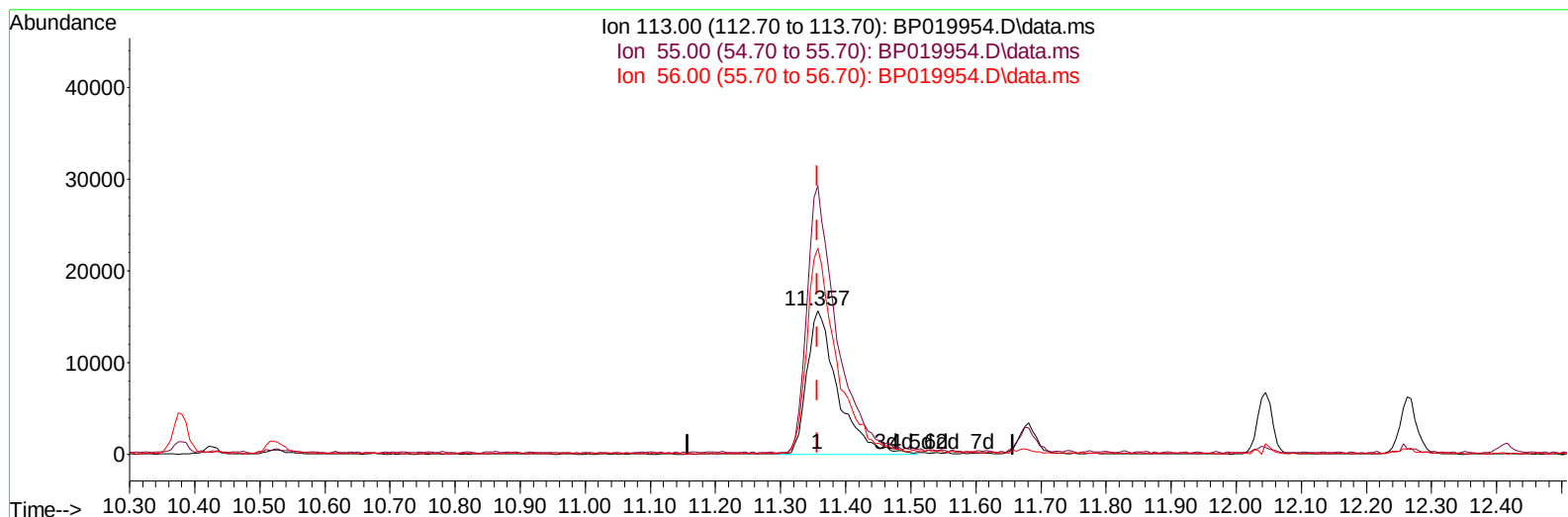
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019954.D
Acq On : 22 Mar 2024 12:08
Operator : MA/JU
Sample : SSTD02084
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 15:53:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 15:51:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



TIC: BP019954.D\data.ms

(34) Caprolactam

11.357min (0.000) 19.81 ng/ul m

response 51746

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.90	186.93
56.00	143.30	143.30
0.00	0.00	0.00

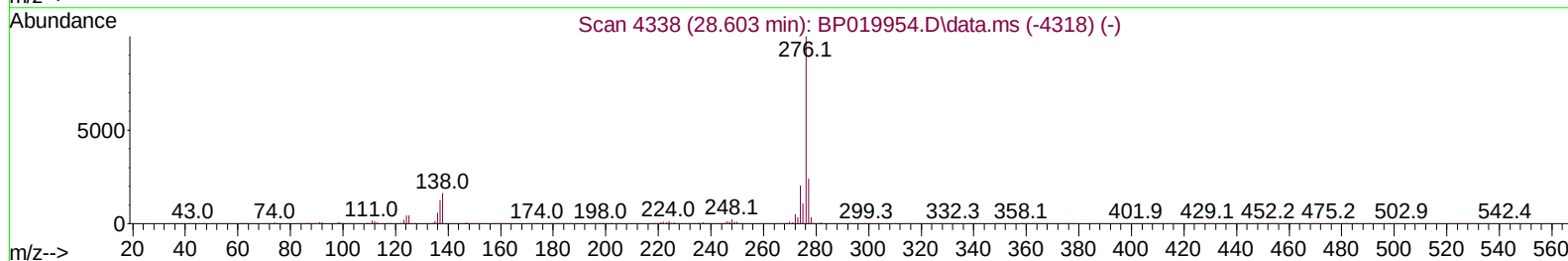
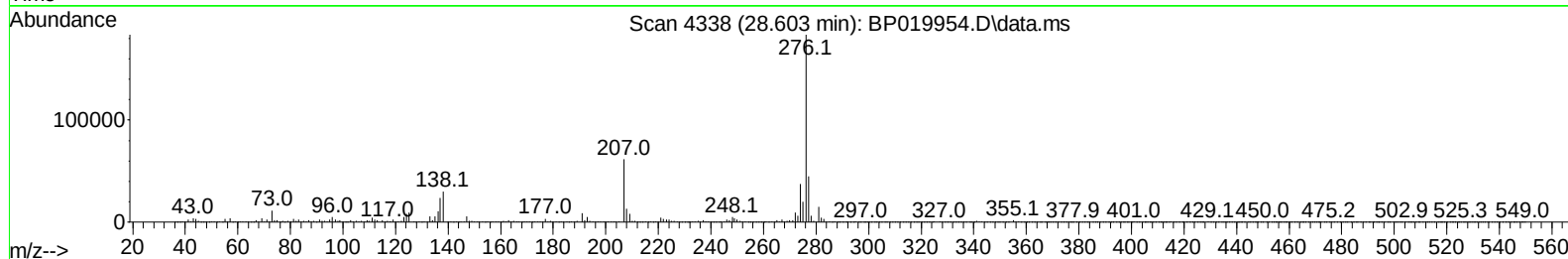
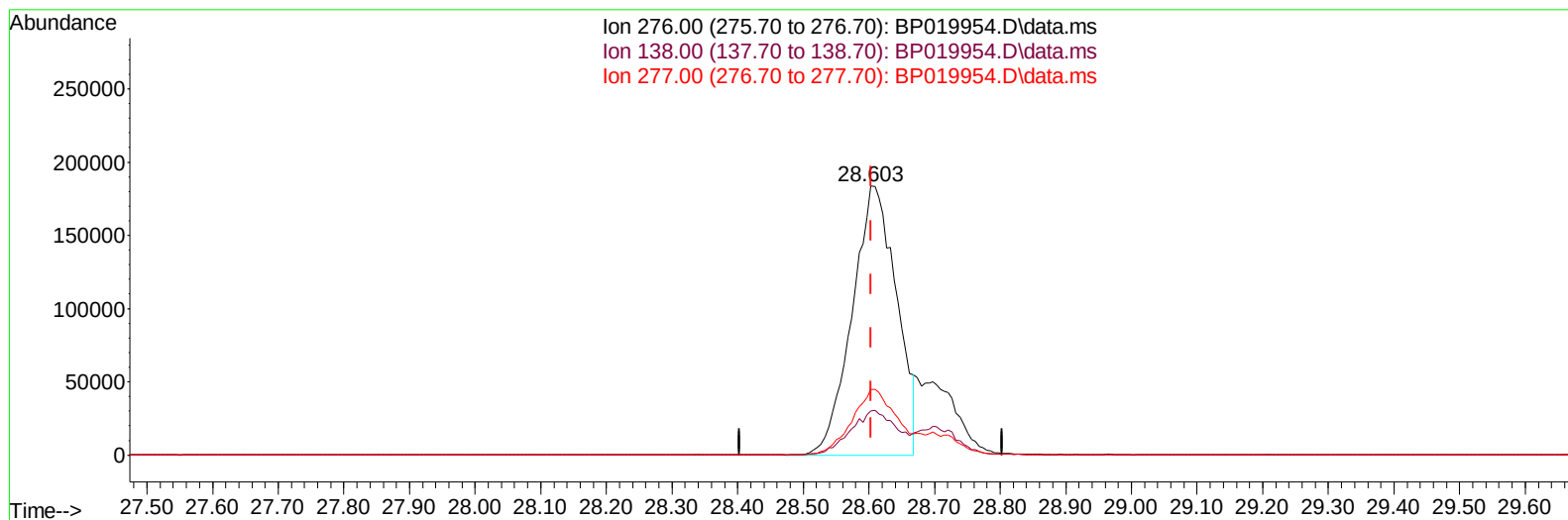
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019954.D
Acq On : 22 Mar 2024 12:08
Operator : MA/JU
Sample : SSTD02084
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 15:53:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 15:51:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



TIC: BP019954.D\data.ms

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

28.603min (0.000) 16.59 ng/u1

response 863789

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	16.43
277.00	24.40	24.35
0.00	0.00	0.00

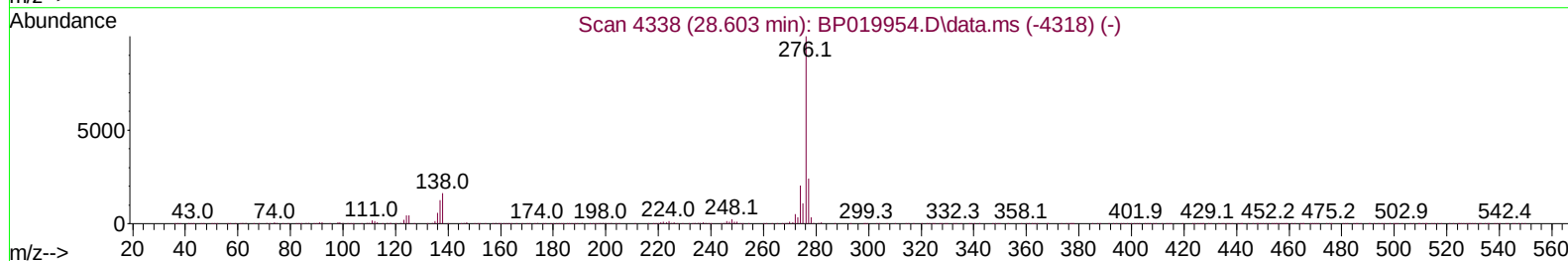
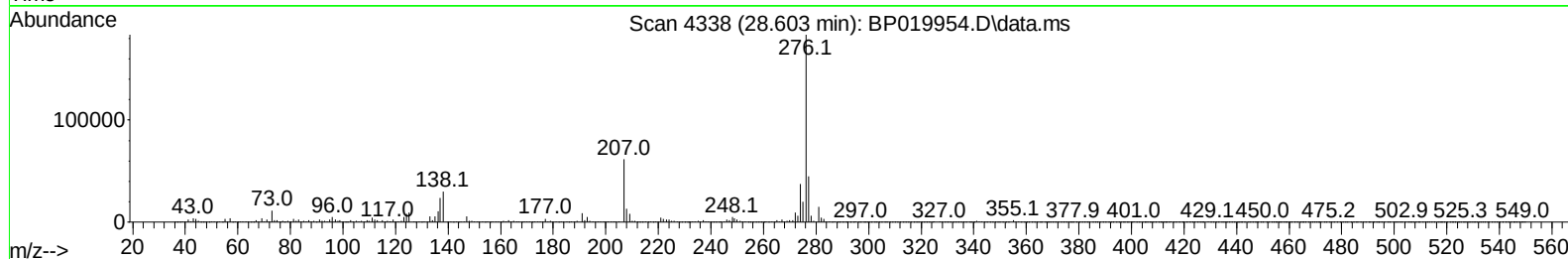
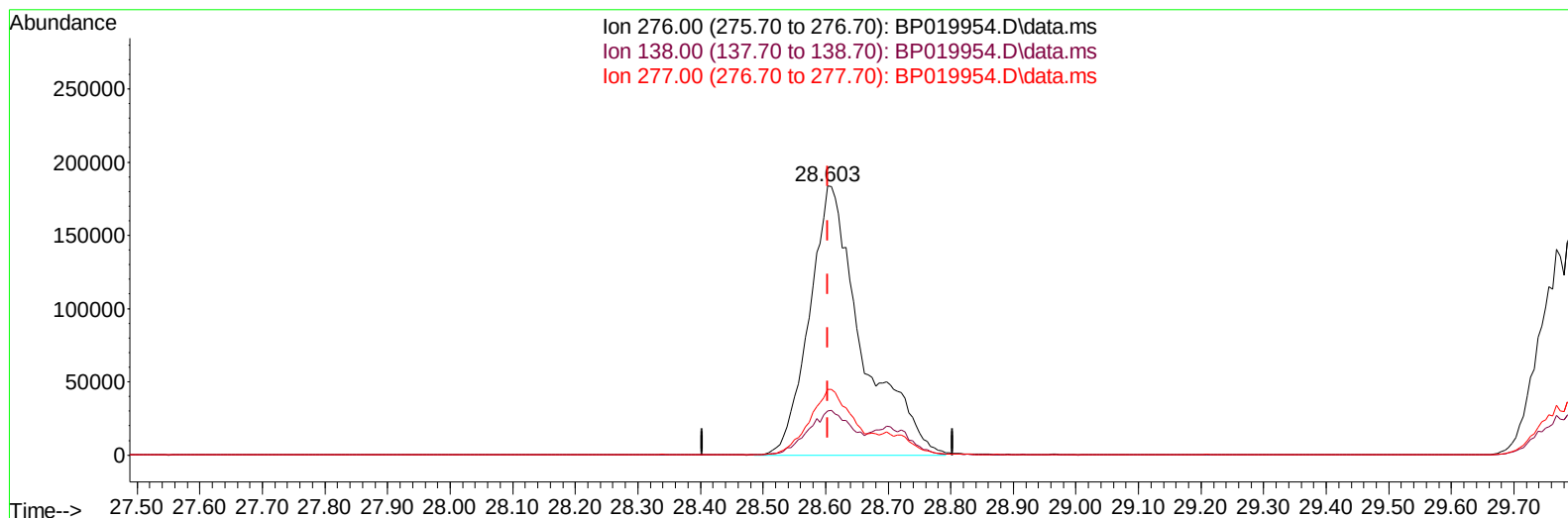
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019954.D
Acq On : 22 Mar 2024 12:08
Operator : MA/JU
Sample : SSTD02084
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 15:53:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 15:51:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



TIC: BP019954.D\data.ms

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

28.603min (0.000) 20.63 ng/ul m

response 1073786

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	16.43
277.00	24.40	24.35
0.00	0.00	0.00

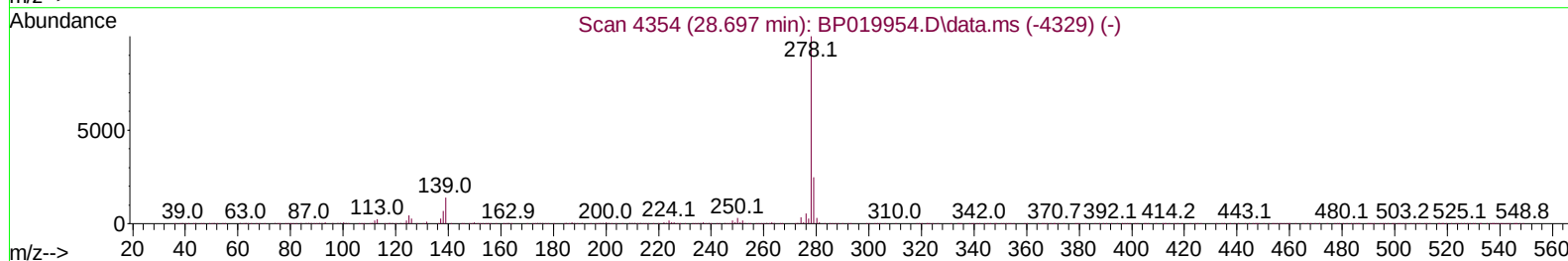
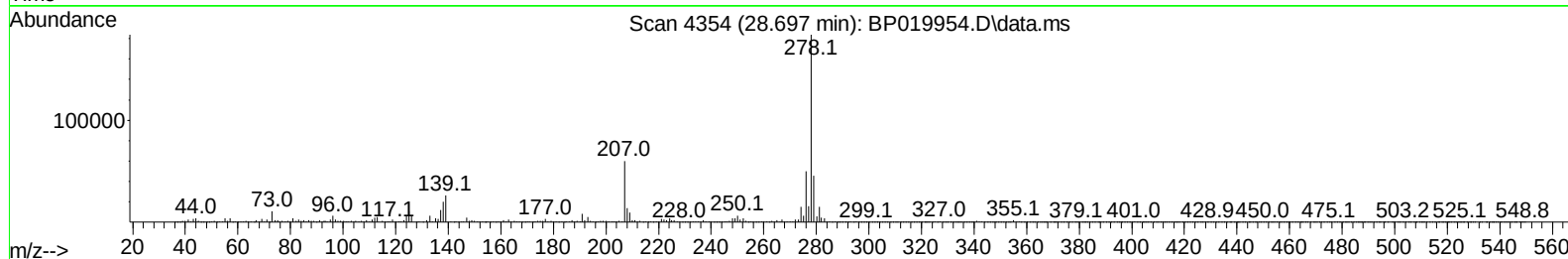
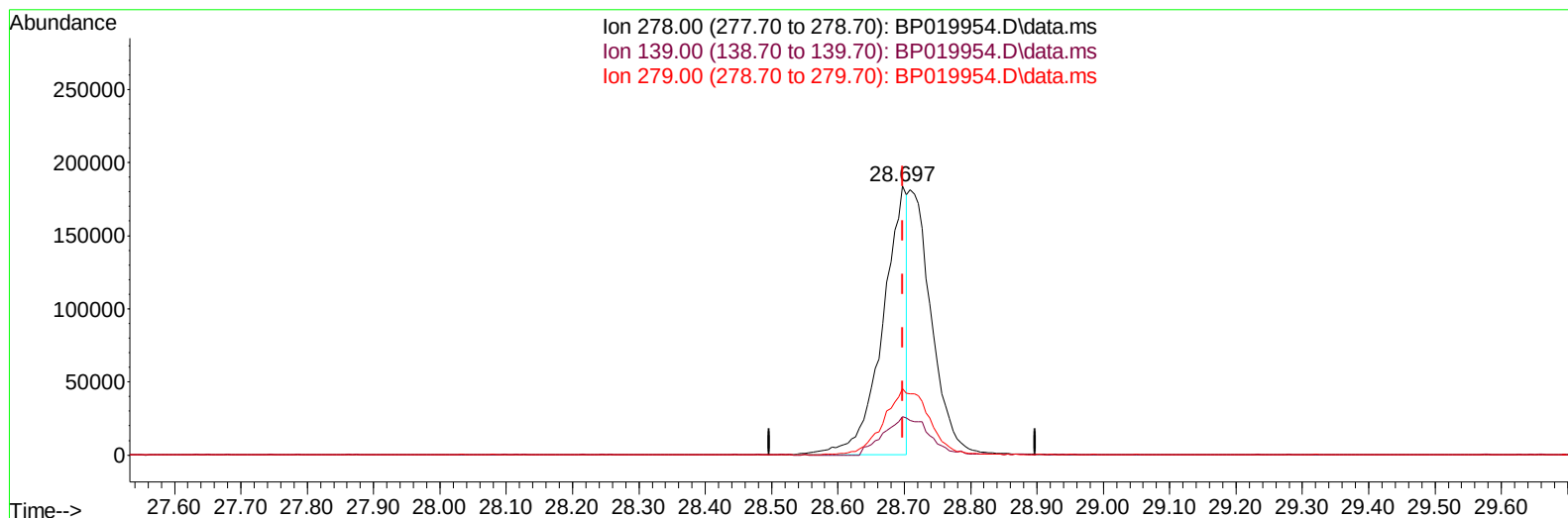
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019954.D
Acq On : 22 Mar 2024 12:08
Operator : MA/JU
Sample : SSTD02084
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 15:53:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 15:51:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



TIC: BP019954.D\data.ms

(95) Dibenzo(a,h)anthracene

28.697min (0.000) 11.10 ng/u1

response 469663

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.30	14.30
279.00	24.60	24.63
0.00	0.00	0.00

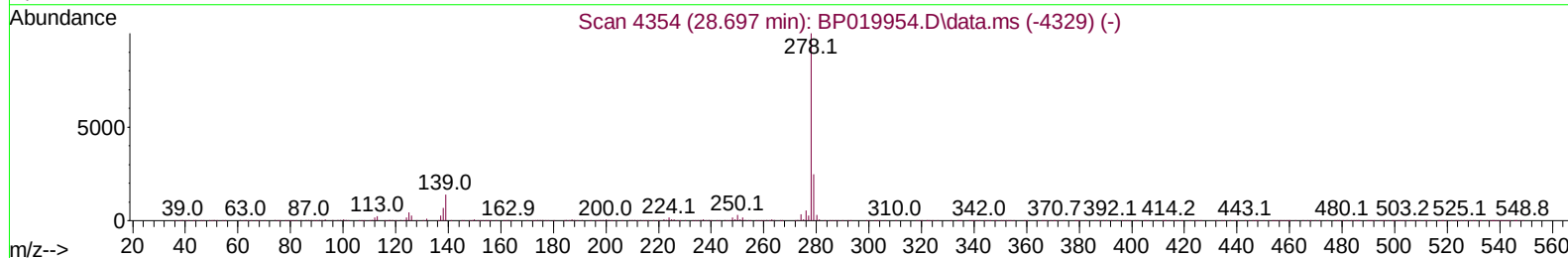
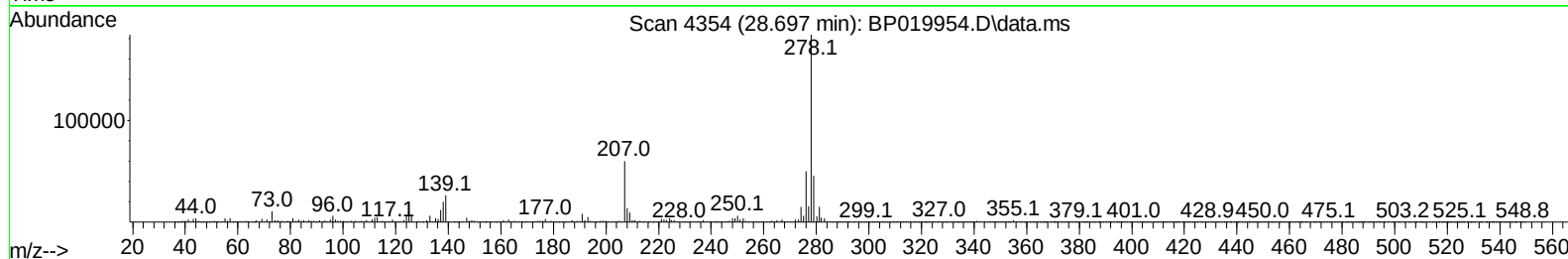
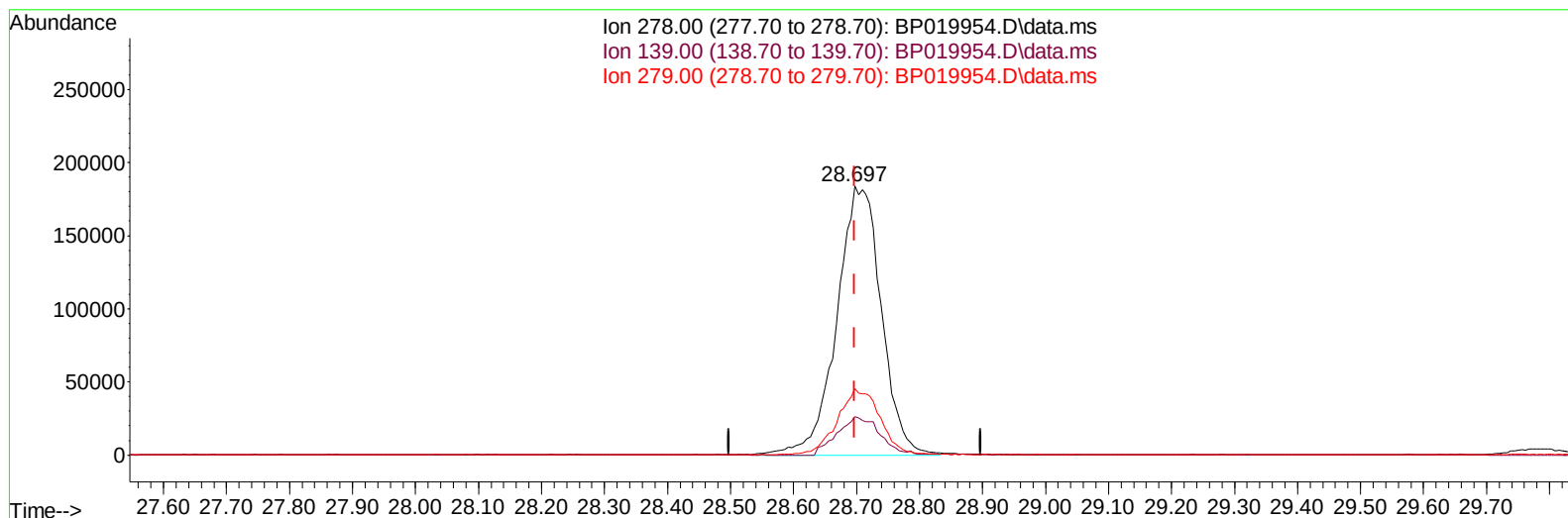
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Data File : BP019954.D
Acq On : 22 Mar 2024 12:08
Operator : MA/JU
Sample : SSTD02084
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 15:53:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 15:51:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



TIC: BP019954.D\data.ms

(95) Dibenzo(a,h)anthracene

28.697min (0.000) 21.29 ng/ul m

response 900982

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.30	14.30
279.00	24.60	24.63
0.00	0.00	0.00

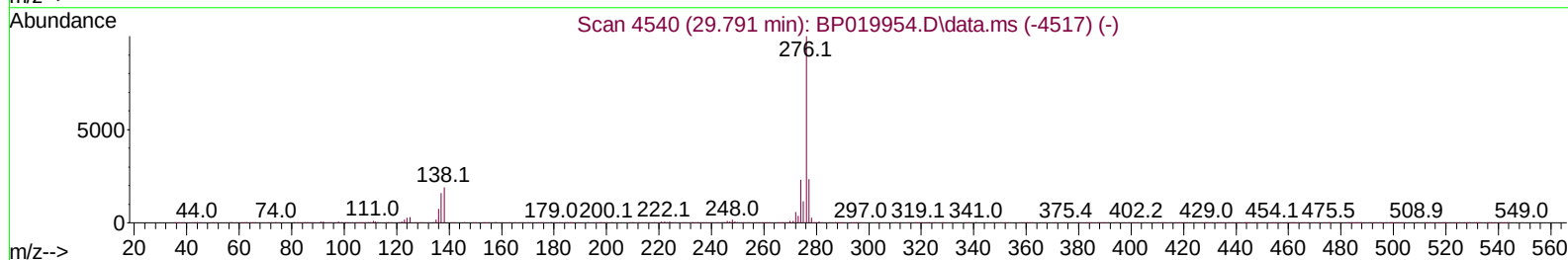
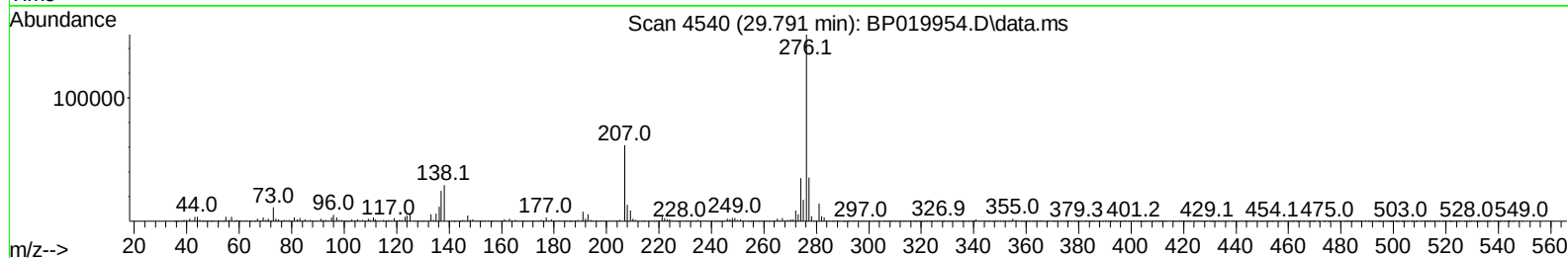
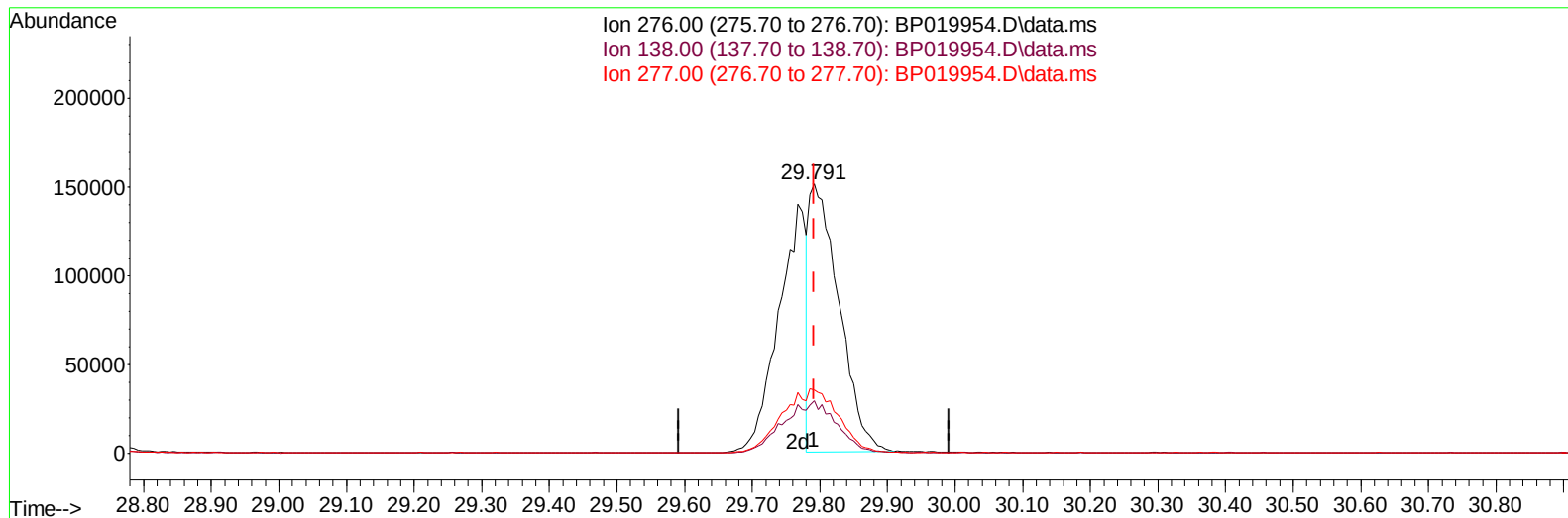
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 Acq On : 22 Mar 2024 12:08
 Operator : MA/JU
 Sample : SSTD02084
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 15:53:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 15:51:30 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024



TIC: BP019954.D\data.ms

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

29.791min (0.000) 10.96 ng/u1

response 461343

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	19.38
277.00	23.50	23.54
0.00	0.00	0.00

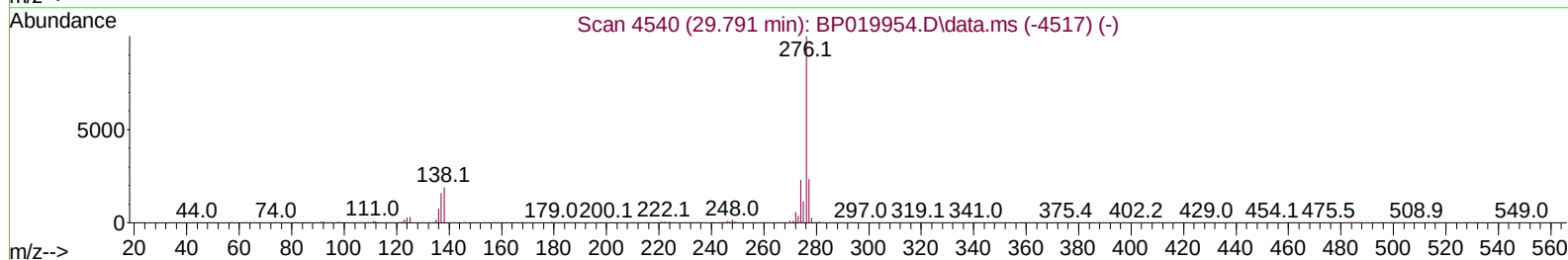
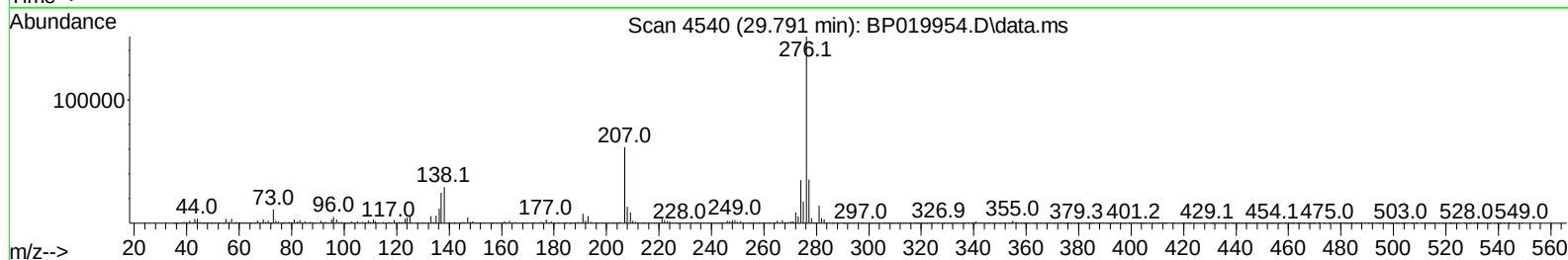
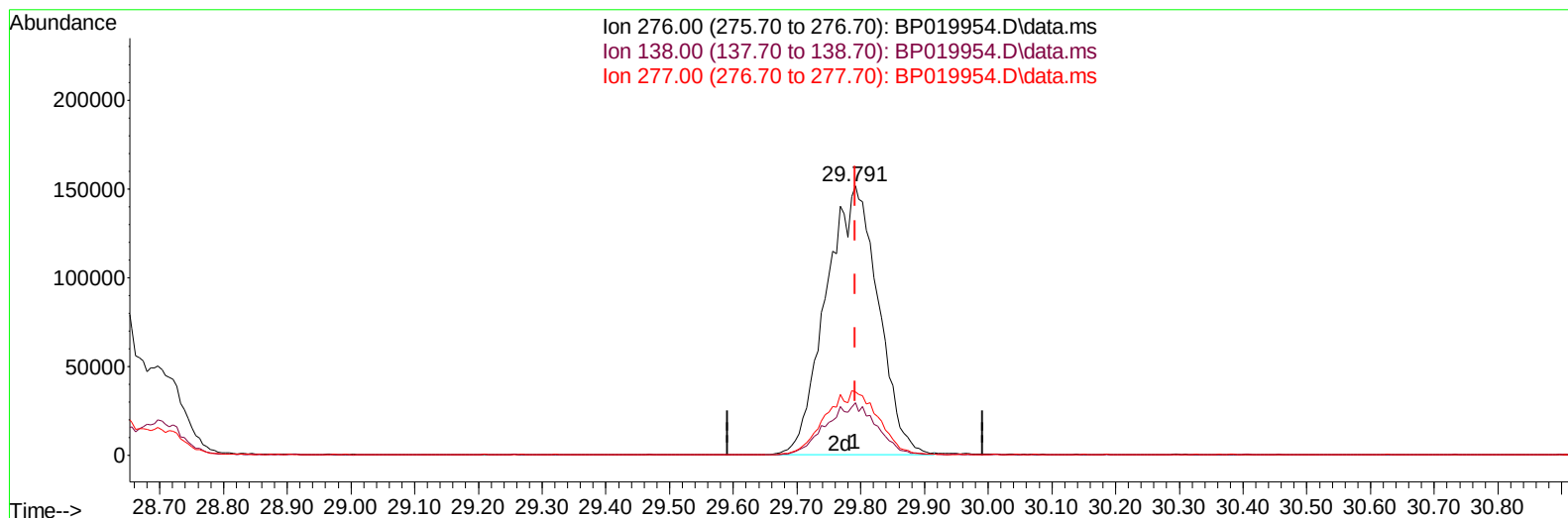
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019954.D
Acq On : 22 Mar 2024 12:08
Operator : MA/JU
Sample : SSTD02084
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 15:53:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 15:51:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



TIC: BP019954.D\data.ms

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

29.791min (0.000) 20.57 ng/ul m

response 865709

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	19.38
277.00	23.50	23.54
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
 Data File : BP019954.D
 Acq On : 22 Mar 2024 12:08
 Operator : MA/JU
 Sample : SST002084
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST0020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 16:01:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 15:51:30 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	141207	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	547983	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	335616	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	692729	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	633754	20.000	ng/ul	0.00
88) Perylene-d12	24.862	264	728804	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	27490	8.530	ng/uL	0.00
4) Pyridine-d5	3.646	84	197724	20.318	ng/ul	0.00
7) Phenol-d5	6.810	99	239812	20.137	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	158486	20.426	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	176707	20.661	ng/ul	0.00
15) 4-Methylphenol-d8	8.316	113	185161	20.096	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	86371	20.564	ng/ul	0.00
24) 2-Nitrophenol-d4	9.475	143	98331	20.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	179924	20.964	ng/ul	0.00
31) 4-Chloroaniline-d4	10.522	131	231979	20.734	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	484032	20.570	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	569799	20.729	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	75751	20.477	ng/ul	0.00
60) Fluorene-d10	15.274	176	418711	20.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	81104	19.559	ng/ul	0.00
73) Anthracene-d10	17.186	188	639639	20.859	ng/ul	0.00
81) Pyrene-d10	19.586	212	745397	20.047	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.633	264	722811	20.632	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	29474	8.014	ng/uL	100
5) Pyridine	3.663	79	203439	20.510	ng/ul	100
6) Benzaldehyde	6.793	77	151448	25.853	ng/ul	100
8) Phenol	6.834	94	250338	20.106	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.063	93	203677	20.199	ng/ul	100
12) 2-Chlorophenol	7.193	128	186244	20.663	ng/ul	100
13) 2-Methylphenol	8.063	108	181120	20.179	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.145	45	282179	20.351	ng/ul	100
16) Acetophenone	8.440	105	302221	20.335	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.422	70	165212	19.931	ng/ul	100
18) 4-Methylphenol	8.387	108	194712	20.155	ng/ul	100
19) Hexachloroethane	8.663	117	86713	20.713	ng/ul	100
22) Nitrobenzene	8.816	77	248630	20.782	ng/ul	100
23) Isophorone	9.334	82	463526	20.785	ng/ul	100
25) 2-Nitrophenol	9.510	139	103252	21.076	ng/ul	100
26) 2,4-Dimethylphenol	9.569	107	219874	20.560	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.804	93	272145	20.869	ng/ul	100
29) 2,4-Dichlorophenol	10.034	162	173103	20.618	ng/ul	100
30) Naphthalene	10.422	128	582493	20.720	ng/ul	100
32) 4-Chloroaniline	10.551	127	225504	20.538	ng/ul	100
33) Hexachlorobutadiene	10.692	225	136481	20.627	ng/ul	100
34) Caprolactam	11.357	113	51746m	19.807	ng/ul	
35) 4-Chloro-3-methylphenol	11.681	107	191728	20.557	ng/ul	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
 Data File : BP019954.D
 Acq On : 22 Mar 2024 12:08
 Operator : MA/JU
 Sample : SST02084
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020604

Manual IntegrationsAPPROVED

Quant Time: Mar 22 16:01:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 15:51:30 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.045	142	381052	20.358	ng/ul	100
37) 1-Methylnaphthalene	12.263	142	387900	20.721	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.416	216	233689	21.060	ng/ul	100
40) Hexachlorocyclopentadiene	12.375	237	118483	18.870	ng/ul	100
41) 2,4,6-Trichlorophenol	12.669	196	141945	20.823	ng/ul	100
42) 2,4,5-Trichlorophenol	12.751	196	150966	21.412	ng/ul	100
43) 1,1'-Biphenyl	13.075	154	511176	21.032	ng/ul	100
44) 2-Chloronaphthalene	13.116	162	405109	20.669	ng/ul	100
45) 2-Nitroaniline	13.339	65	131461	21.293	ng/ul	100
47) Dimethylphthalate	13.716	163	494991	20.841	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	99292	20.590	ng/ul	100
50) Acenaphthylene	13.980	152	643751	20.942	ng/ul	100
51) 3-Nitroaniline	14.180	138	96952	21.831	ng/ul	100
52) Acenaphthene	14.333	153	425181	20.821	ng/ul	100
53) 2,4-Dinitrophenol	14.416	184	50346	18.345	ng/ul	100
55) 4-Nitrophenol	14.510	109	68435	20.159	ng/ul	100
56) Dibenzofuran	14.674	168	578492	20.859	ng/ul	100
57) 2,4-Dinitrotoluene	14.674	165	139361	21.137	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.898	232	126680	20.952	ng/ul	100
59) Diethylphthalate	15.116	149	493705	20.961	ng/ul	100
61) Fluorene	15.327	166	476163	21.051	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.322	204	250528	20.678	ng/ul	100
63) 4-Nitroaniline	15.386	138	85022	22.891	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.451	198	86705	19.703	ng/ul	100
67) N-Nitrosodiphenylamine	15.557	169	393566	20.568	ng/ul	100
68) 4-Bromophenyl-phenylether	16.263	248	152534	20.288	ng/ul	100
69) Hexachlorobenzene	16.363	284	169561	20.311	ng/ul	100
70) Atrazine	16.551	200	151237	20.630	ng/ul	100
71) Pentachlorophenol	16.733	266	94755	19.362	ng/ul	100
72) Phenanthrene	17.133	178	743559	20.761	ng/ul	100
74) Anthracene	17.221	178	749341	20.605	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	226448	20.050	ng/uL	100
76) Pentachlorobenzene	14.580	250	210418	20.117	ng/uL	100
77) Carbazole	17.521	167	653306	21.009	ng/ul	100
78) Di-n-butylphthalate	18.110	149	852586	21.696	ng/ul	100
80) Fluoranthene	19.233	202	862866	19.756	ng/ul	100
82) Pyrene	19.615	202	910128	20.050	ng/ul	100
83) Butylbenzylphthalate	20.586	149	391348	21.232	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.468	252	302833	22.469	ng/ul	100
85) Benzo(a)anthracene	21.533	228	901183	20.548	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	576422	21.402	ng/ul	100
87) Chrysene	21.609	228	832036	20.406	ng/ul	100
89) Di-n-octyl phthalate	22.756	149	987250	21.358	ng/ul	100
90) Benzo(b)fluoranthene	23.815	252	885698	20.716	ng/ul	100
91) Benzo(k)fluoranthene	23.892	252	887526	20.427	ng/ul	100
93) Benzo(a)pyrene	24.709	252	850424	20.563	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.603	276	1073786m	20.626	ng/ul	
95) Dibenzo(a,h)anthracene	28.697	278	900982m	21.289	ng/ul	
96) Benzo(g,h,i)perylene	29.791	276	865709m	20.568	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

SSTD020604

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024

