

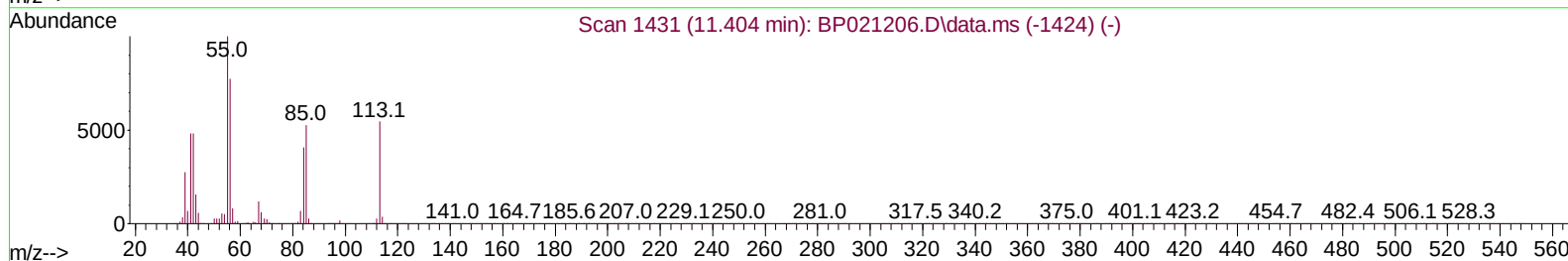
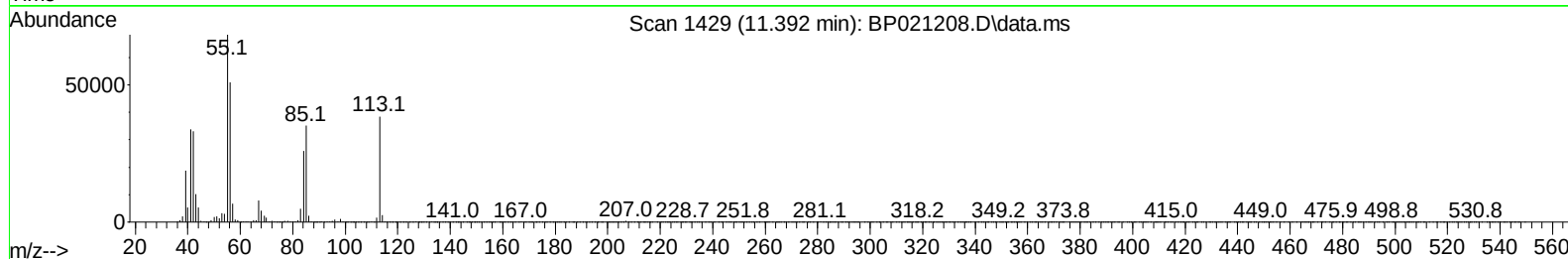
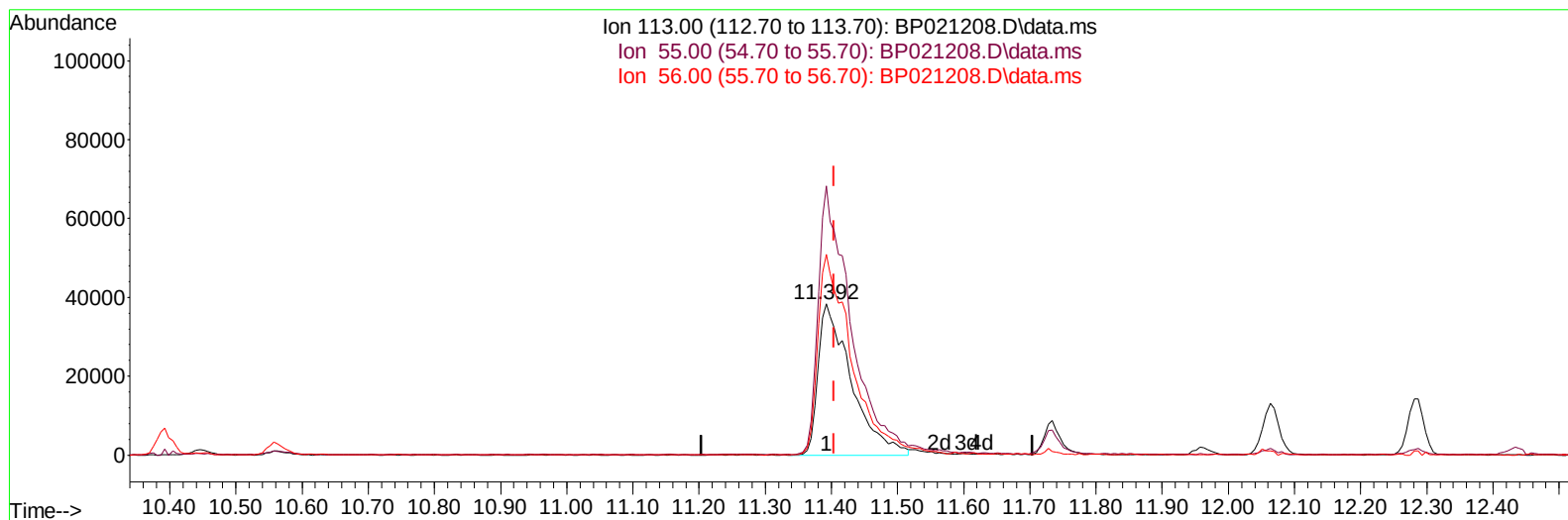
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021208.D
Acq On : 29 Jul 2024 13:30
Operator : MA/JU
Sample : PB162296BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS296

Manual IntegrationsAPPROVED

Quant Time: Jul 29 14:43:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021208.D\data.ms

(34) Caprolactam

11.392min (-0.012) 30.77 ng/ul

response 133875

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	177.53
56.00	131.90	132.40
0.00	0.00	0.00

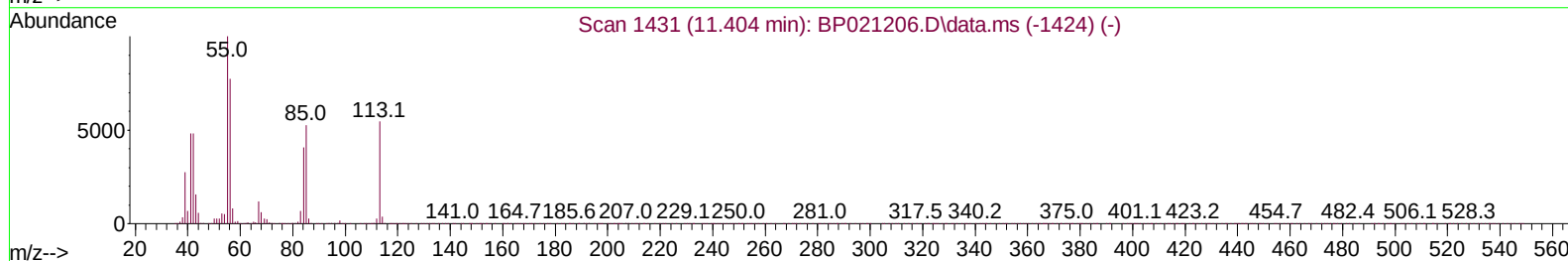
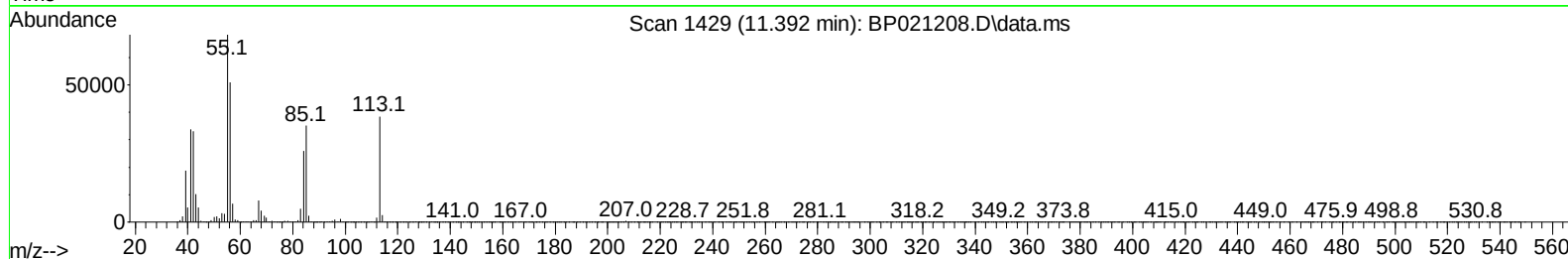
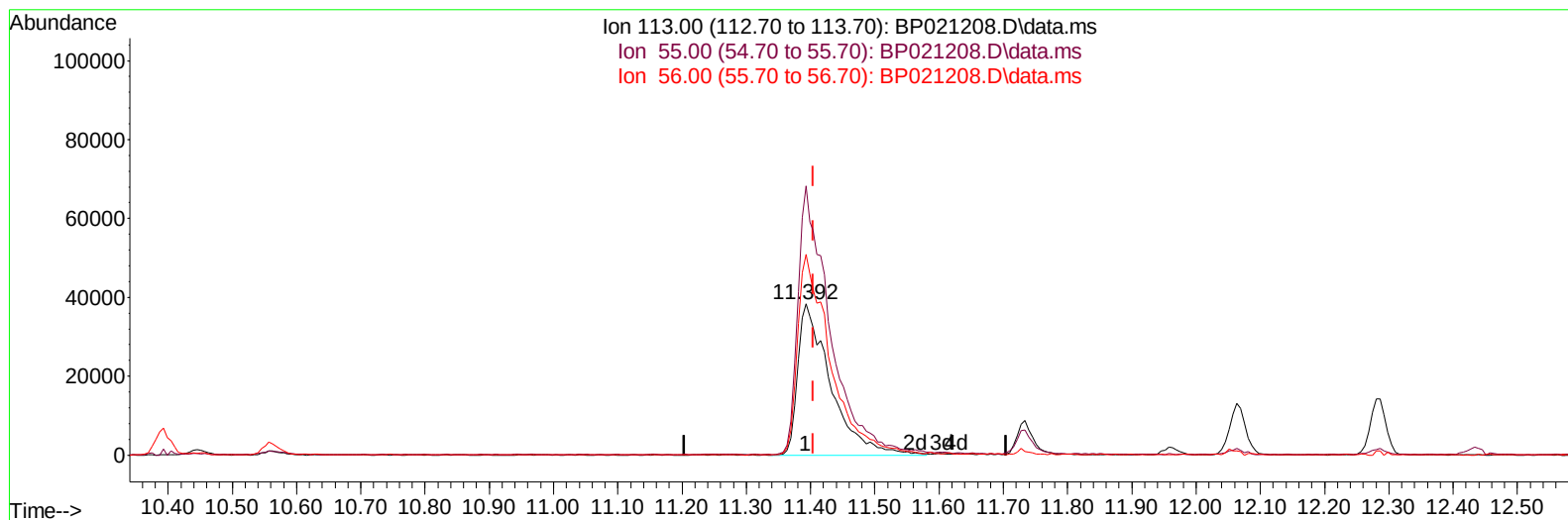
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
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TIC: BP021208.D\data.ms

(34) Caprolactam

11.392min (-0.012) 31.45 ng/ul m

response 136797

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	177.53
56.00	131.90	132.40
0.00	0.00	0.00

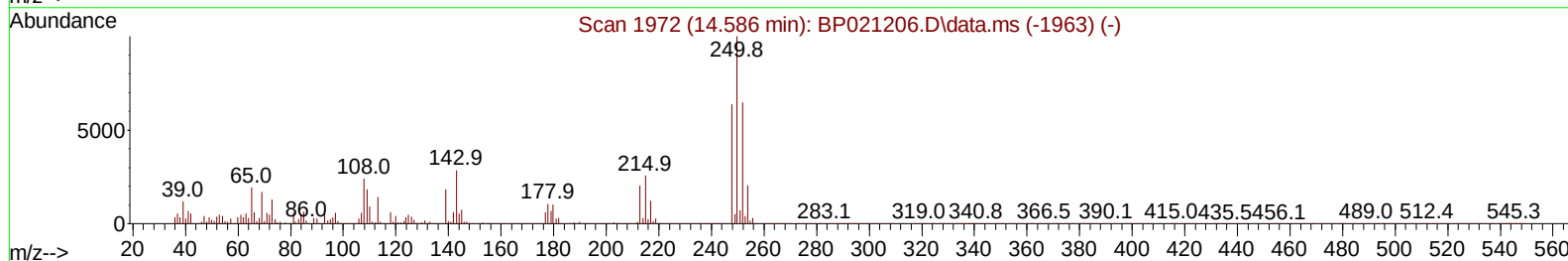
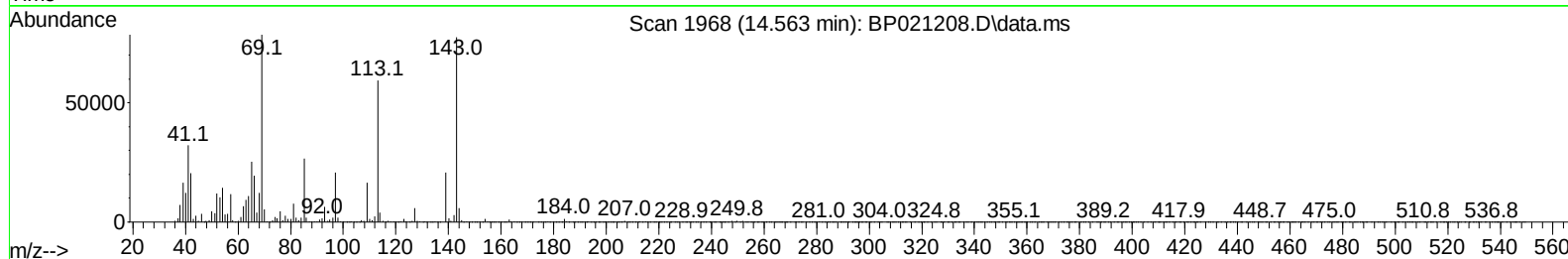
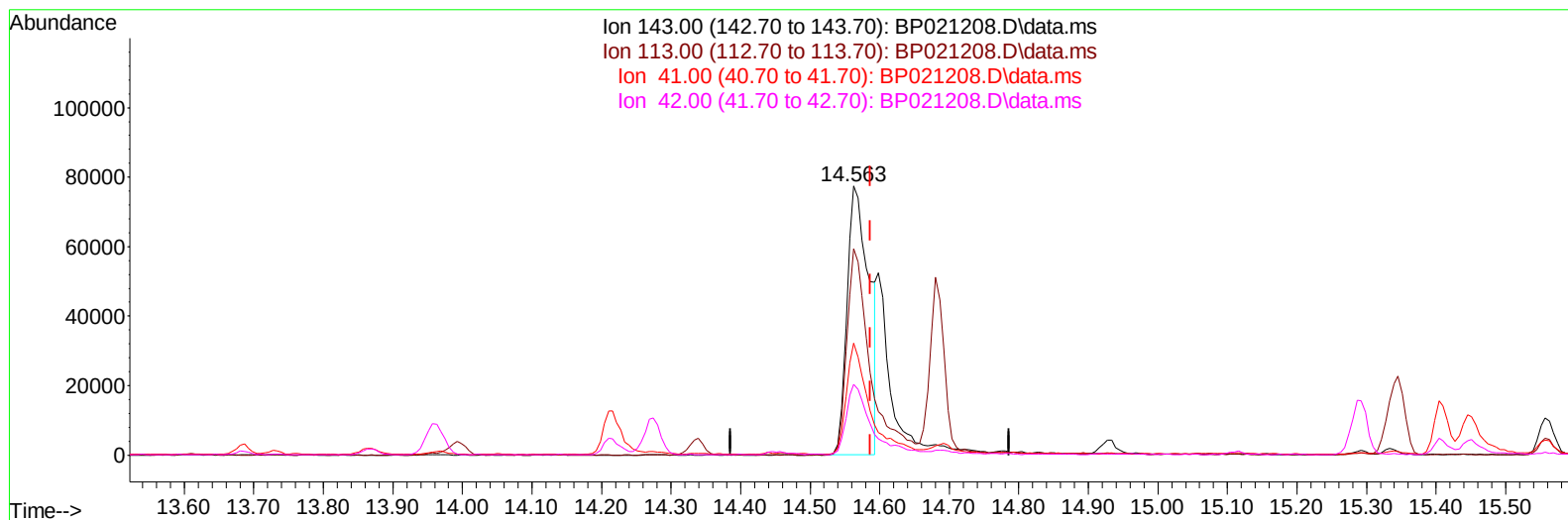
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021208.D
Acq On : 29 Jul 2024 13:30
Operator : MA/JU
Sample : PB162296BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS296

Manual IntegrationsAPPROVED

Quant Time: Jul 29 14:45:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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Reviewed By :Yogesh Patel 07/30/2024
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TIC: BP021208.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.563min (-0.023) 28.37 ng/ul

response 170253

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.74
41.00	37.90	41.55
42.00	27.10	26.34

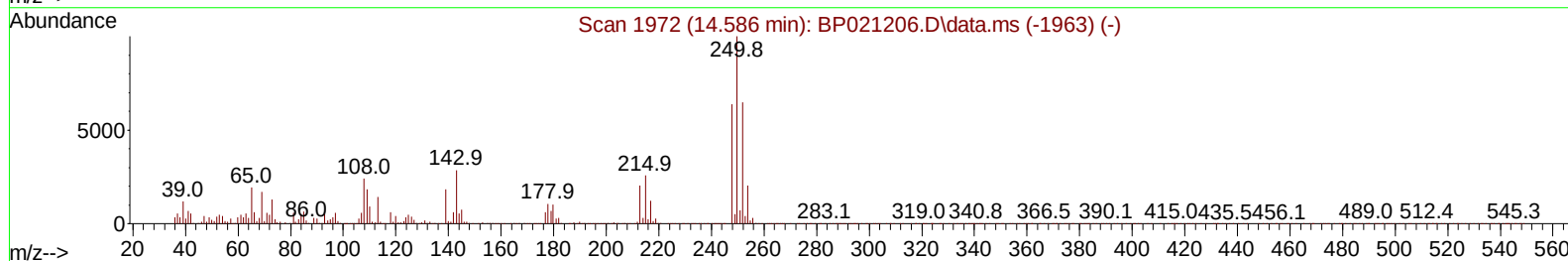
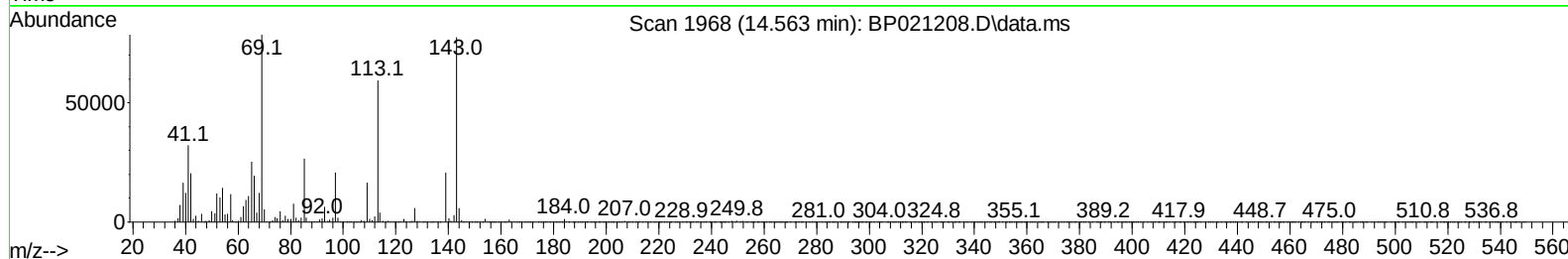
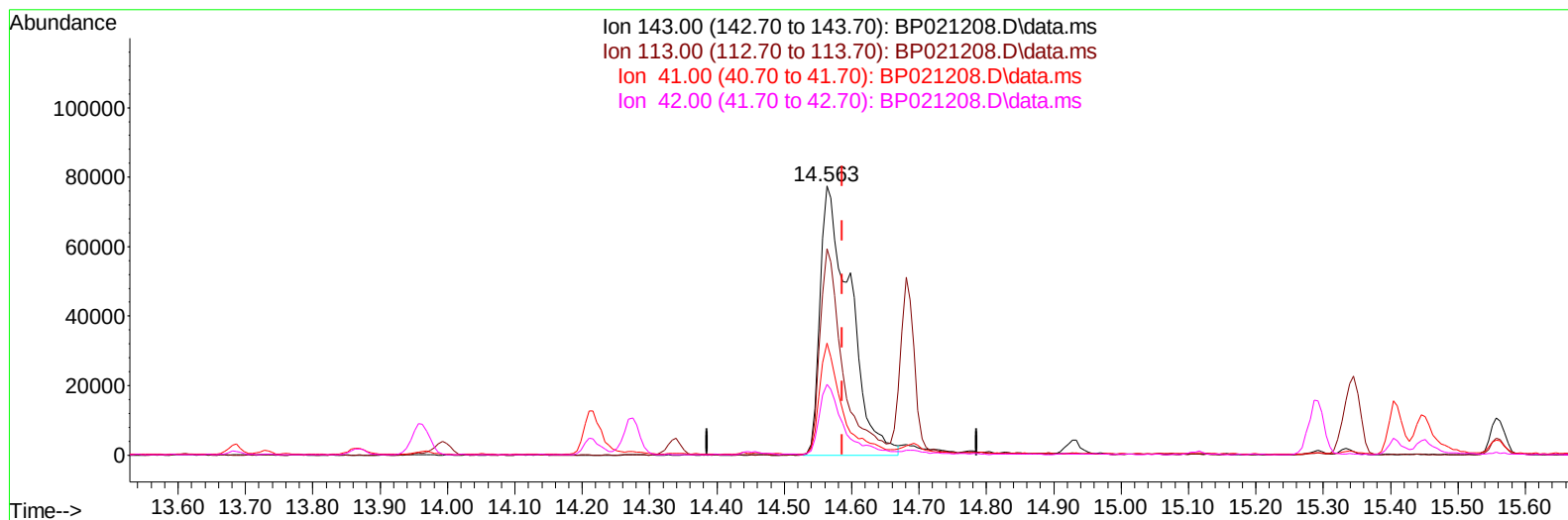
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021208.D
Acq On : 29 Jul 2024 13:30
Operator : MA/JU
Sample : PB162296BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS296

Manual IntegrationsAPPROVED

Quant Time: Jul 29 14:45:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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TIC: BP021208.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.563min (-0.023) 39.84 ng/ul m

response 239042

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.74
41.00	37.90	41.55
42.00	27.10	26.34

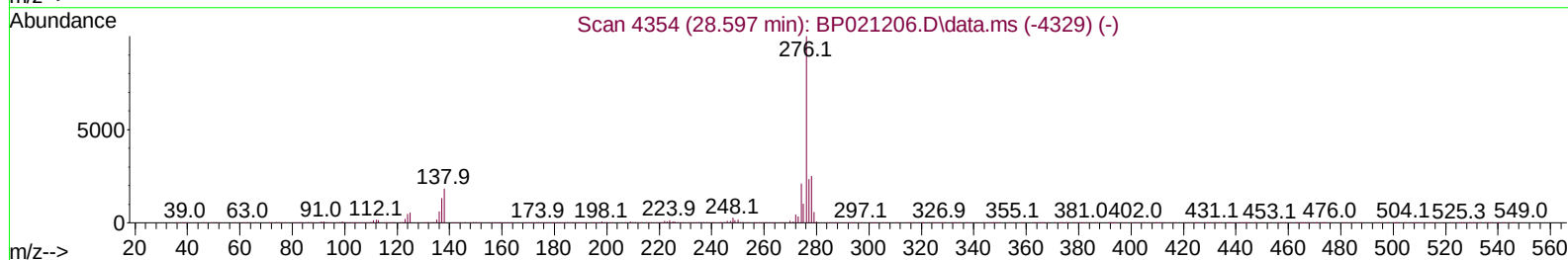
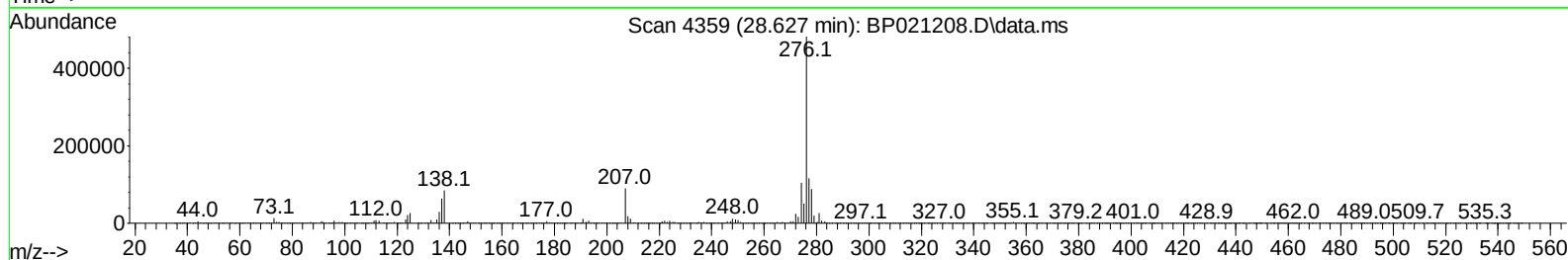
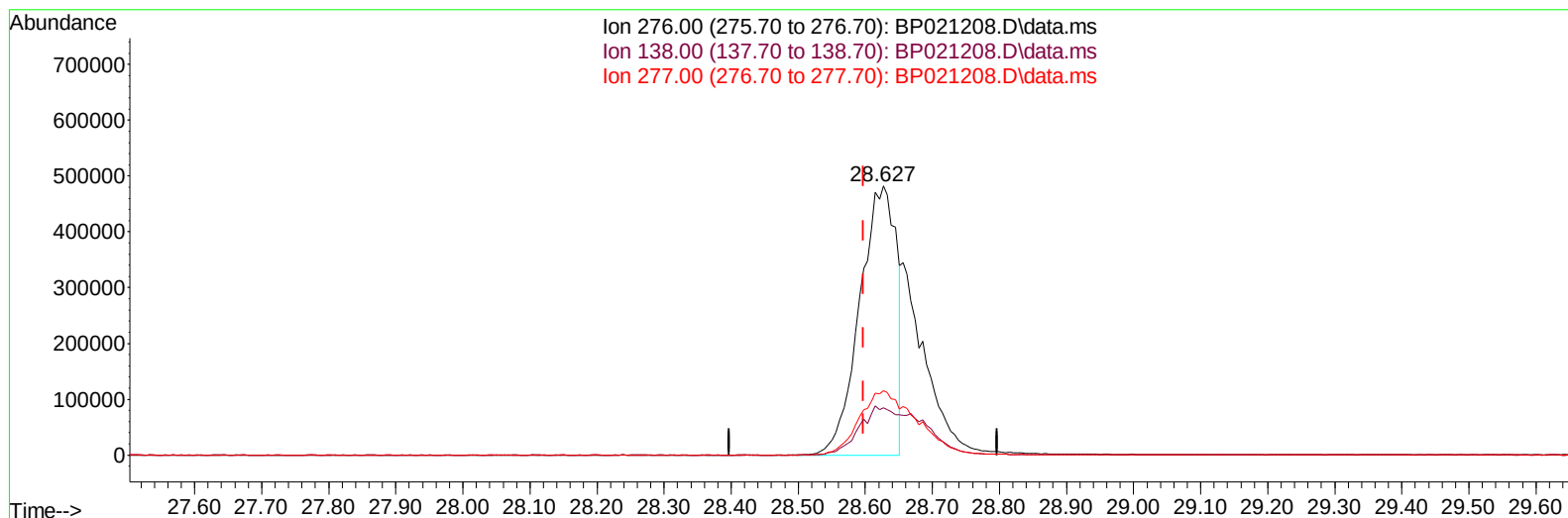
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021208.D
Acq On : 29 Jul 2024 13:30
Operator : MA/JU
Sample : PB162296BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS296

Manual IntegrationsAPPROVED

Quant Time: Jul 29 14:43:21 2024
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TIC: BP021208.D\data.ms

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

28.627min (+ 0.030) 20.97 ng/ul

response 1819829

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.57
277.00	24.00	24.07
0.00	0.00	0.00

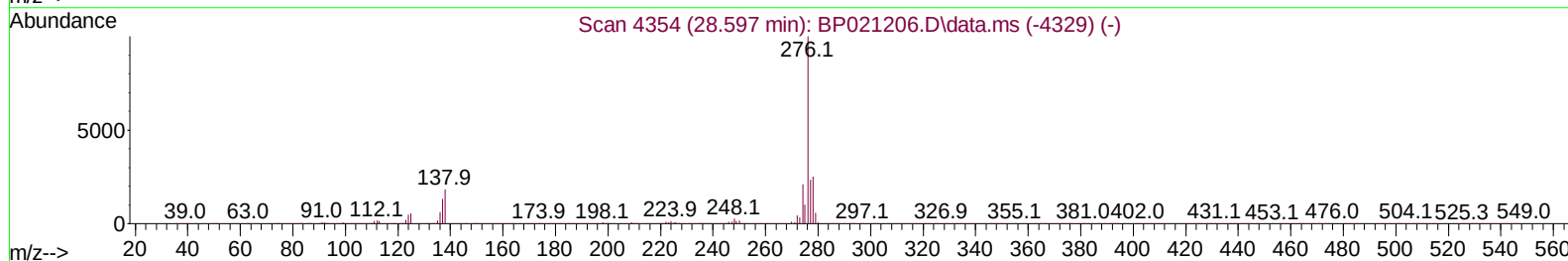
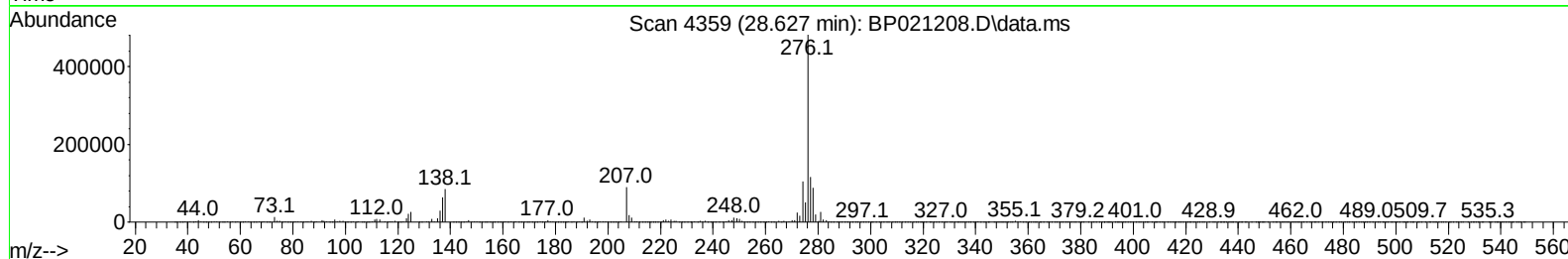
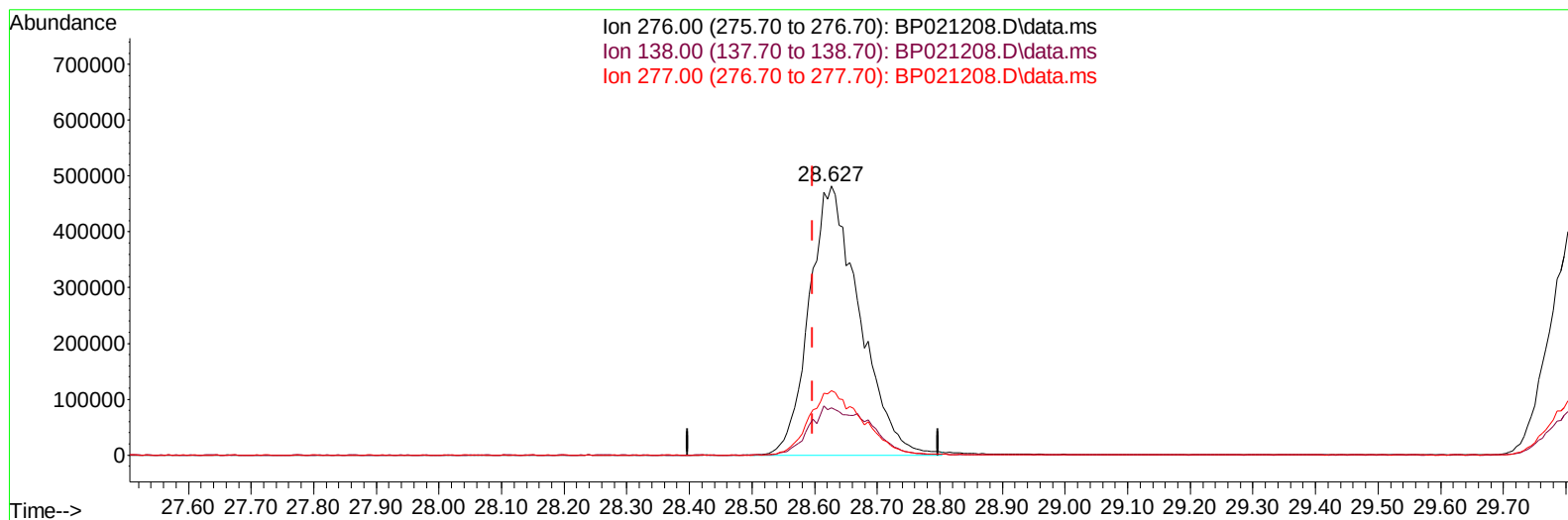
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021208.D
Acq On : 29 Jul 2024 13:30
Operator : MA/JU
Sample : PB162296BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS296

Manual IntegrationsAPPROVED

Quant Time: Jul 29 14:43:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021208.D\data.ms

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

28.627min (+ 0.030) 30.87 ng/ul m

response 2679889

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.57
277.00	24.00	24.07
0.00	0.00	0.00

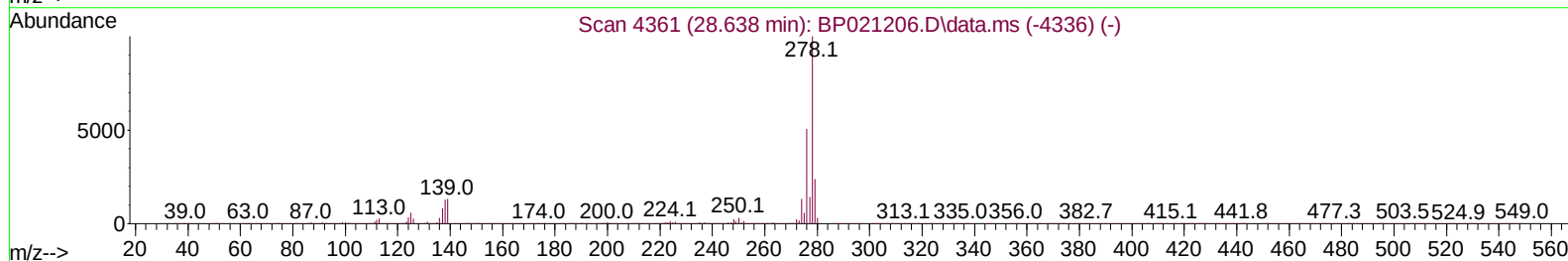
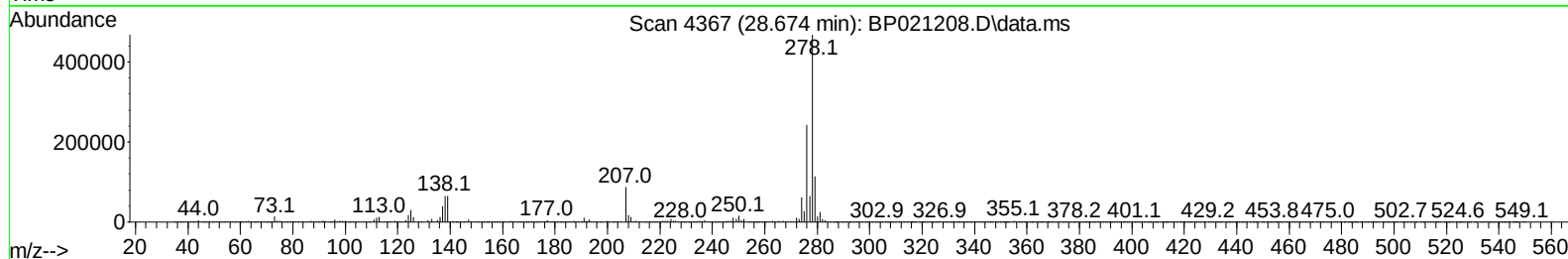
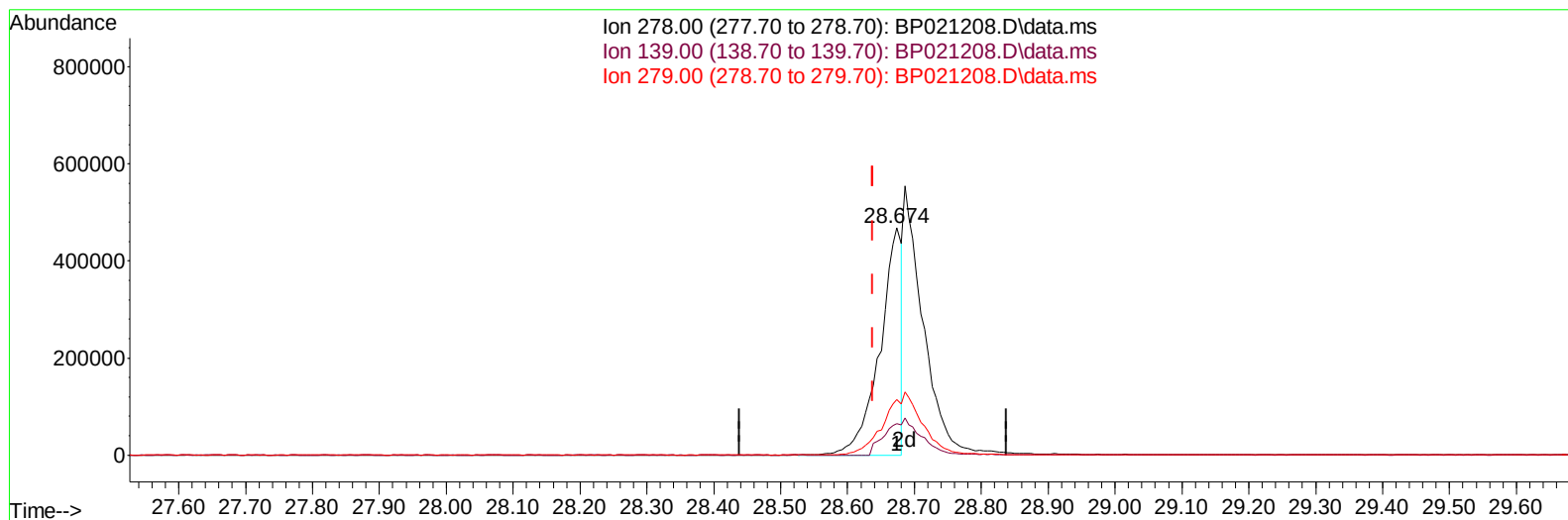
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021208.D
Acq On : 29 Jul 2024 13:30
Operator : MA/JU
Sample : PB162296BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS296

Manual IntegrationsAPPROVED

Quant Time: Jul 29 14:43:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021208.D\data.ms

(95) Dibenzo(a,h)anthracene

28.674min (+ 0.036) 14.71 ng/ul

response 1057665

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.94
279.00	24.20	24.45
0.00	0.00	0.00

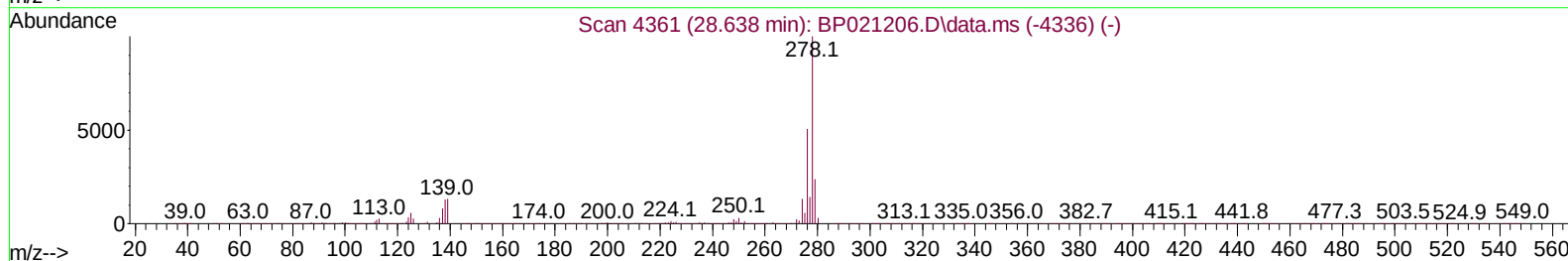
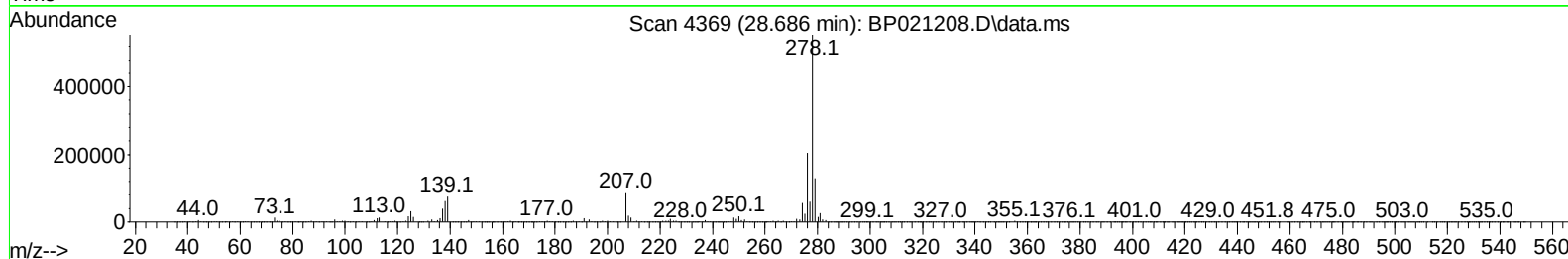
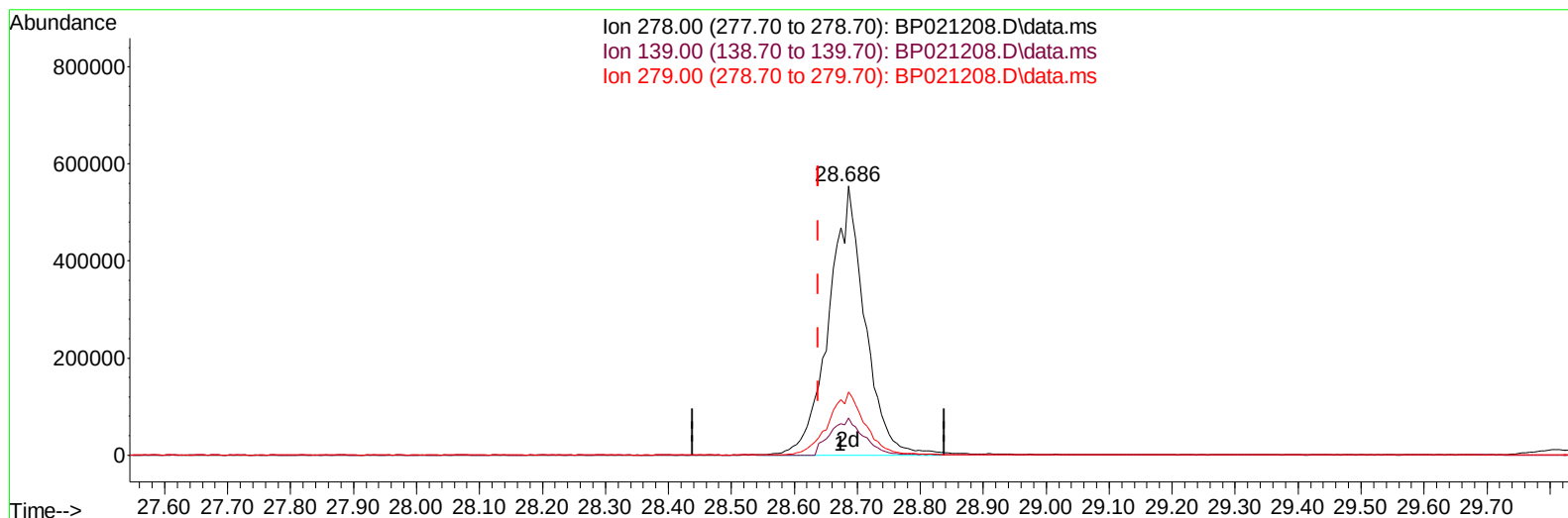
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021208.D
Acq On : 29 Jul 2024 13:30
Operator : MA/JU
Sample : PB162296BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS296

Manual IntegrationsAPPROVED

Quant Time: Jul 29 14:43:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021208.D\data.ms

(95) Dibenzo(a,h)anthracene

28.686min (+ 0.047) 30.61 ng/ul m

response 2200357

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.70
279.00	24.20	23.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021208.D
 Acq On : 29 Jul 2024 13:30
 Operator : MA/JU
 Sample : PB162296BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS296

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:34:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 09/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	224354	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	891382	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	580120	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	1222175	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1073106	20.000	ng/ul	0.01
88) Perylene-d12	24.856	264	1174662	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	31535	6.396	ng/uL	0.00
4) Pyridine-d5	3.587	84	383305	26.855	ng/ul	0.00
7) Phenol-d5	6.852	99	513394	28.068	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	307072	27.702	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	416148	27.614	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	411747	27.104	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	201423	29.093	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	234330	29.571	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	419615	29.284	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	501825	26.436	ng/ul	0.00
46) Dimethylphthalate-d6	13.686	166	1251915	29.686	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	1394123	29.441	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	239042m	39.839	ng/ul	-0.02
60) Fluorene-d10	15.292	176	1055346	30.504	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	215681	29.167	ng/ul	-0.01
73) Anthracene-d10	17.198	188	1621003	29.862	ng/ul	0.00
81) Pyrene-d10	19.586	212	1922950	28.985	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.633	264	1771808	30.583	ng/ul	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	56783	10.472	ng/uL	99
5) Pyridine	3.605	79	389974	26.489	ng/ul	95
6) Benzaldehyde	6.810	77	260168	28.214	ng/ul	99
8) Phenol	6.881	94	531131	28.696	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.075	93	426125	27.870	ng/ul	98
12) 2-Chlorophenol	7.222	128	432527	28.636	ng/ul	99
13) 2-Methylphenol	8.099	108	398491	27.839	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	619163	28.029	ng/ul	98
16) Acetophenone	8.457	105	653568	27.875	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.434	70	328432	26.734	ng/ul	98
18) 4-Methylphenol	8.428	108	434719	28.348	ng/ul	95
19) Hexachloroethane	8.687	117	191625	28.232	ng/ul	99
22) Nitrobenzene	8.834	77	498295	30.045	ng/ul	98
23) Isophorone	9.351	82	925179	28.060	ng/ul	100
25) 2-Nitrophenol	9.534	139	254258	30.765	ng/ul	98
26) 2,4-Dimethylphenol	9.604	107	408039	25.037	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	569624	28.422	ng/ul	98
29) 2,4-Dichlorophenol	10.075	162	419032	29.673	ng/ul	98
30) Naphthalene	10.445	128	1374454	29.314	ng/ul	99
32) 4-Chloroaniline	10.581	127	468084	25.823	ng/ul	100
33) Hexachlorobutadiene	10.698	225	305175	28.821	ng/ul	99
34) Caprolactam	11.392	113	136797m	31.446	ng/ul	
35) 4-Chloro-3-methylphenol	11.734	107	458631	29.878	ng/ul	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021208.D
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 Sample : PB162296BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLC5296

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:34:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
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Reviewed By :Yogesh Patel 07/30/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	912645	28.356	ng/ul	100
37) 1-Methylnaphthalene	12.287	142	932309	28.165	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	554111	29.411	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	148411	15.059	ng/ul	100
41) 2,4,6-Trichlorophenol	12.710	196	306364	25.735	ng/ul	98
42) 2,4,5-Trichlorophenol	12.792	196	342901	27.224	ng/ul	97
43) 1,1'-Biphenyl	13.087	154	1235880	29.151	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	982222	29.021	ng/ul	99
45) 2-Nitroaniline	13.369	65	305953	32.688	ng/ul	96
47) Dimethylphthalate	13.734	163	1278741	29.884	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	269391	31.489	ng/ul	98
50) Acenaphthylene	13.992	152	1555723	29.017	ng/ul	99
51) 3-Nitroaniline	14.216	138	255760	34.356	ng/ul	96
52) Acenaphthene	14.339	153	1035531	29.100	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	121296	26.999	ng/ul	98
55) 4-Nitrophenol	14.586	109	169397	34.707	ng/ul	89
56) Dibenzofuran	14.681	168	1450795	29.772	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	385031	32.786	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.928	232	263035	24.387	ng/ul	98
59) Diethylphthalate	15.110	149	1288824	30.138	ng/ul	99
61) Fluorene	15.345	166	1190556	29.940	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.333	204	640018	29.661	ng/ul	98
63) 4-Nitroaniline	15.410	138	257393	41.751	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.463	198	228828	29.180	ng/ul	99
67) N-Nitrosodiphenylamine	15.557	169	1041741	29.271	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	412078	28.766	ng/ul	99
69) Hexachlorobenzene	16.375	284	482412	29.370	ng/ul	96
70) Atrazine	16.551	200	46533	3.588	ng/ul	98
71) Pentachlorophenol	16.751	266	169312	18.979	ng/ul	98
72) Phenanthrene	17.139	178	1956776	30.863	ng/ul	100
74) Anthracene	17.233	178	1944101	30.078	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	557111	28.480	ng/uL	99
76) Pentachlorobenzene	14.598	250	544226	27.998	ng/uL	99
77) Carbazole	17.533	167	1741450	32.959	ng/ul	99
78) Di-n-butylphthalate	18.092	149	2235770	30.670	ng/ul	100
80) Fluoranthene	19.233	202	2309761	28.829	ng/ul	100
82) Pyrene	19.610	202	2355730	28.894	ng/ul	100
83) Butylbenzylphthalate	20.557	149	998078	29.382	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	768991	31.360	ng/ul	100
85) Benzo(a)anthracene	21.521	228	2243614	29.847	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1421239	29.073	ng/ul	99
87) Chrysene	21.592	228	2131624	30.517	ng/ul	99
89) Di-n-octyl phthalate	22.680	149	2318964	29.884	ng/ul	100
90) Benzo(b)fluoranthene	23.809	252	2161019	30.316	ng/ul	99
91) Benzo(k)fluoranthene	23.880	252	2196465	30.875	ng/ul	99
93) Benzo(a)pyrene	24.698	252	1946010	28.889	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.627	276	2679889m	30.873	ng/ul	
95) Dibenzo(a,h)anthracene	28.686	278	2200357m	30.612	ng/ul	
96) Benzo(g,h,i)perylene	29.815	276	2112760	29.886	ng/ul	97

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

Instrument :

BNA_P

ClientSampleId :

SLCS296

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 09/04/2024

