

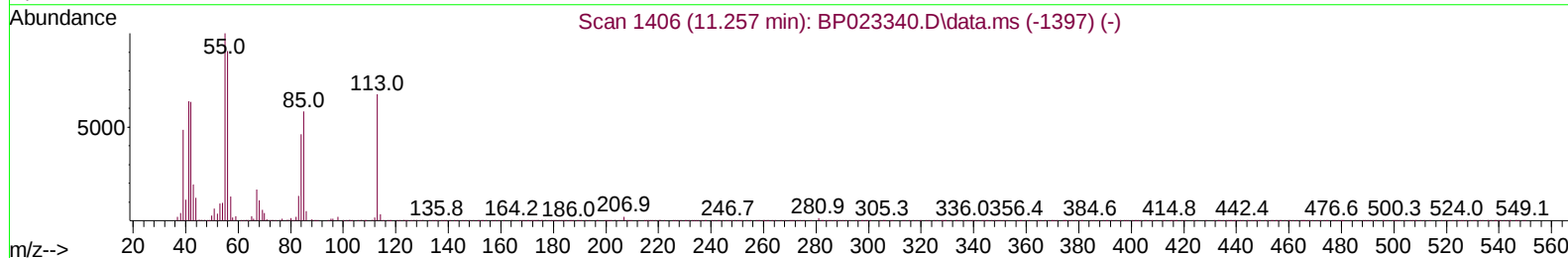
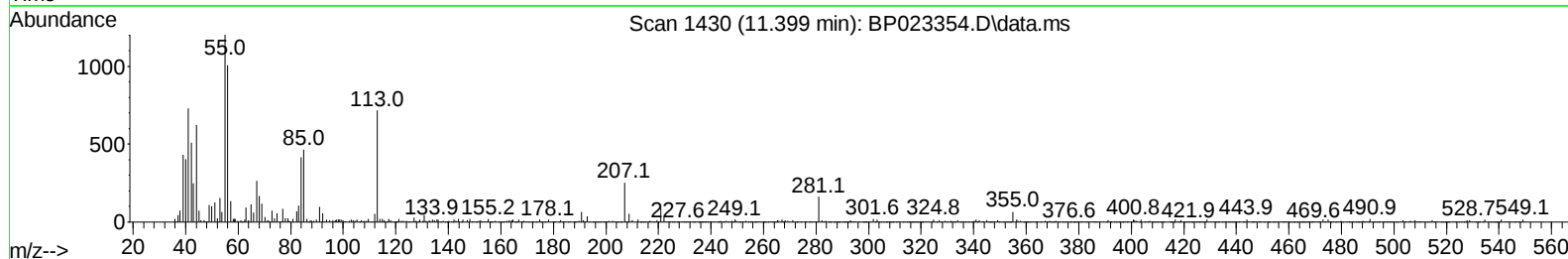
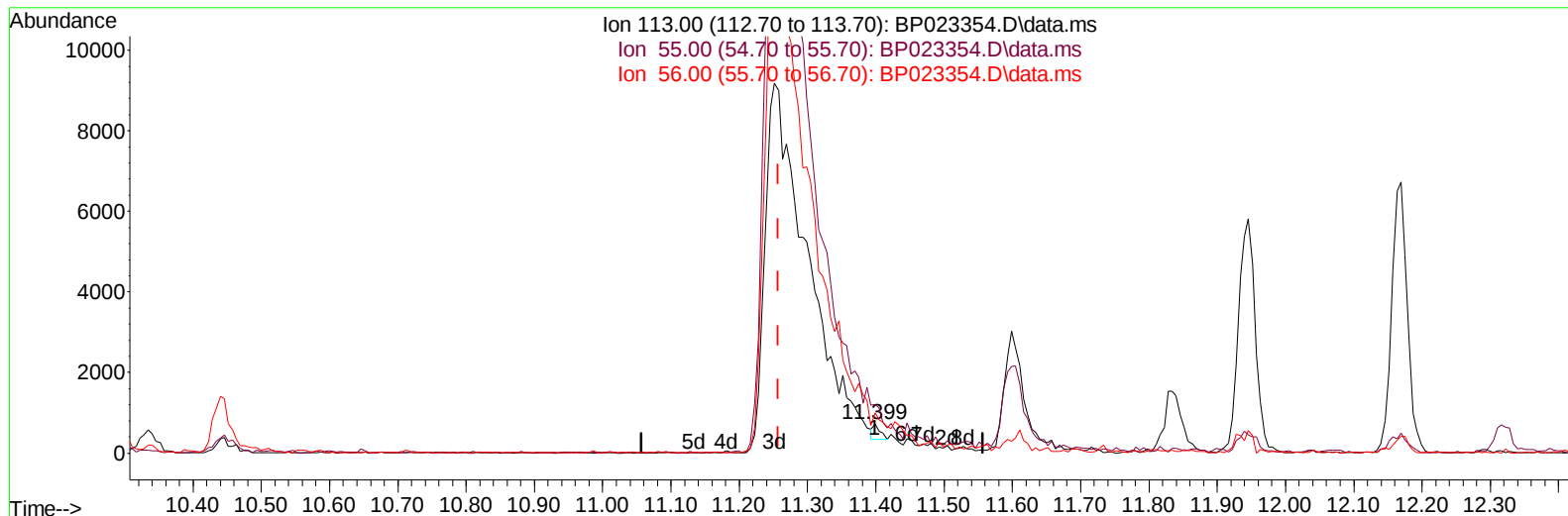
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023354.D
Acq On : 10 Dec 2024 19:56
Operator : RC/JU
Sample : PB165459BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS459

Manual IntegrationsAPPROVED

Quant Time: Dec 11 02:27:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023354.D\data.ms

(34) Caprolactam

11.399min (+ 0.141) 0.17 ng/ul

response 264

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	167.64
56.00	125.90	140.17
0.00	0.00	0.00

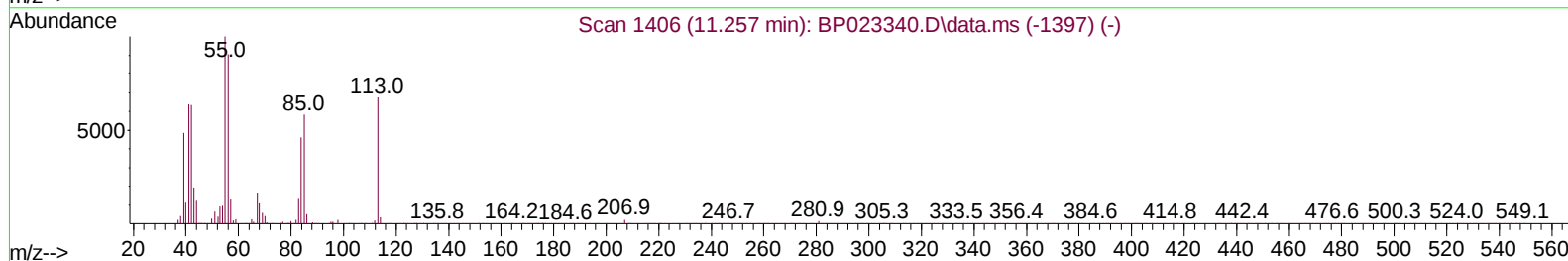
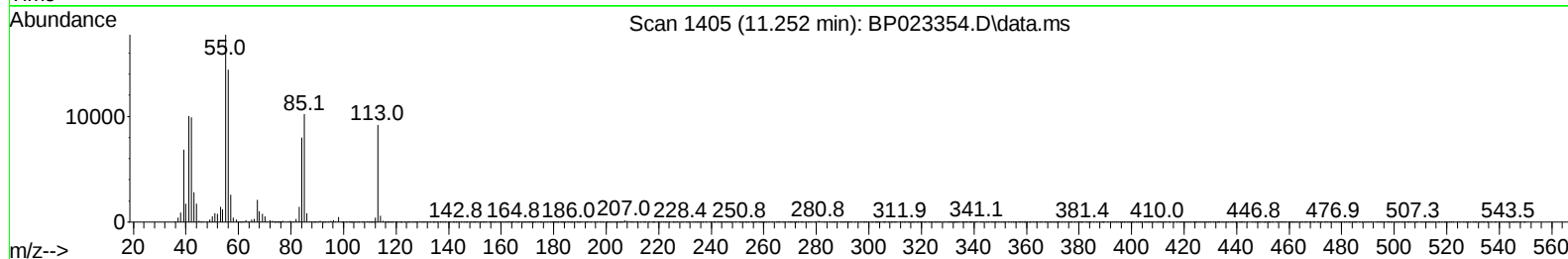
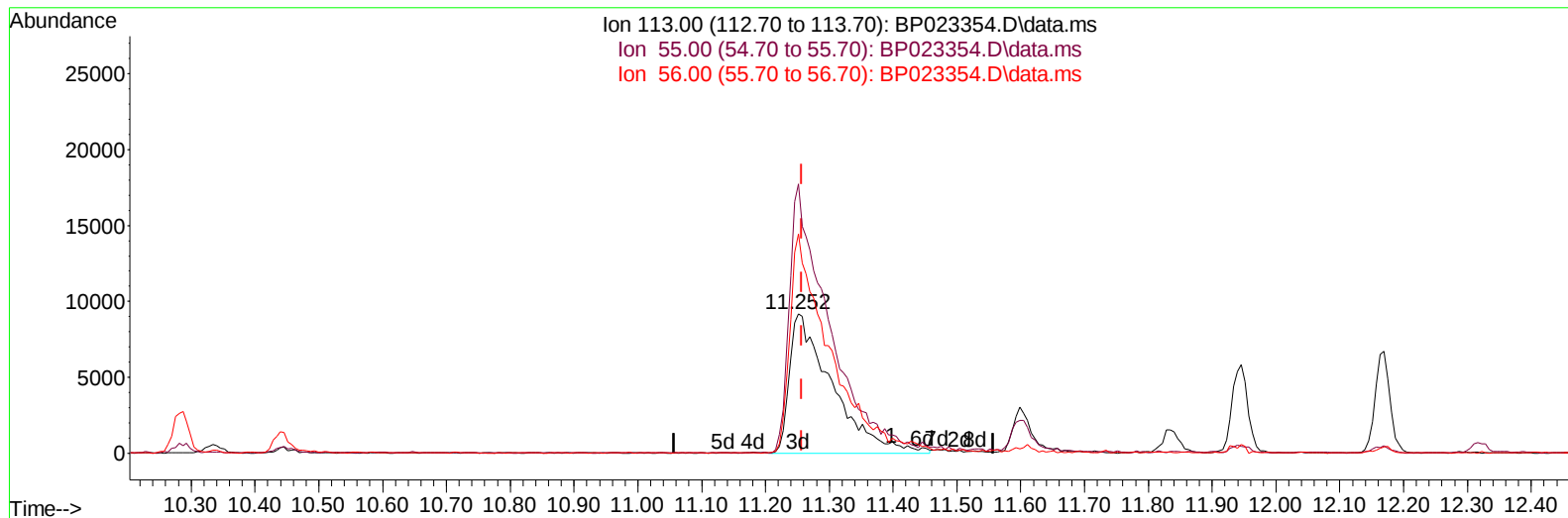
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
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Supervised By :mohammad ahmed 12/13/2024



TIC: BP023354.D\data.ms

(34) Caprolactam

11.252min (-0.006) 26.92 ng/ul m

response 42358

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	192.93#
56.00	125.90	157.08#
0.00	0.00	0.00

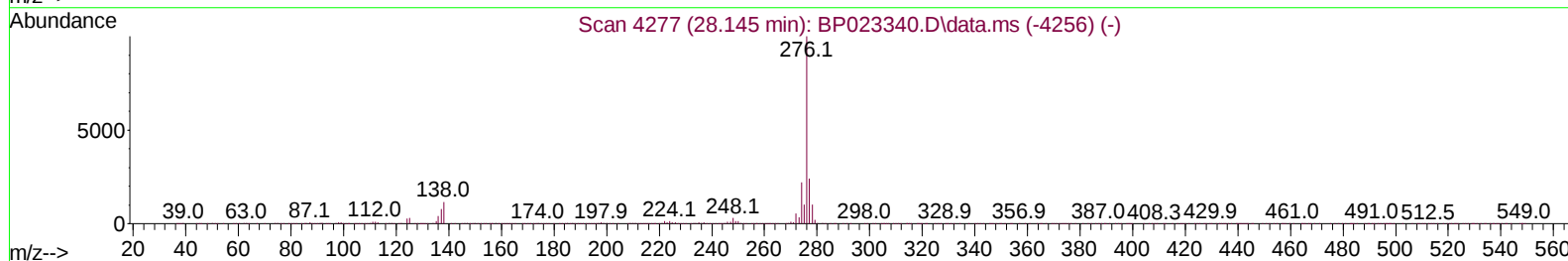
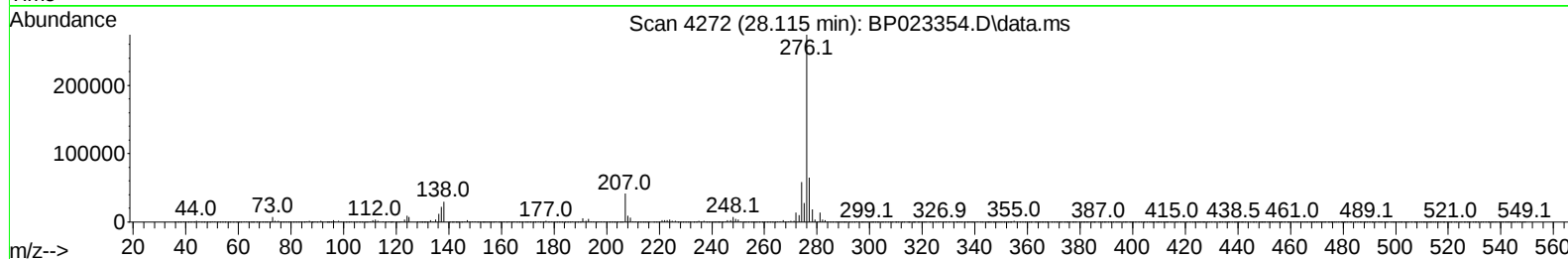
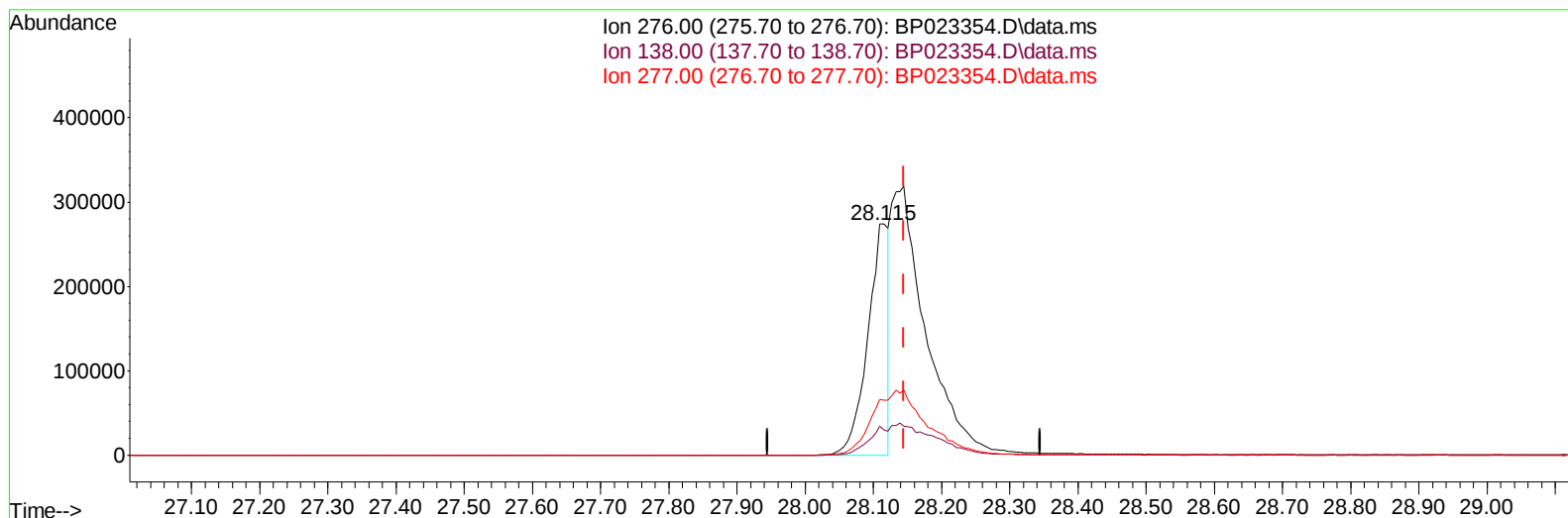
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023354.D
 Acq On : 10 Dec 2024 19:56
 Operator : RC/JU
 Sample : PB165459BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP023354.D\data.ms

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

28.115min (-0.029) 9.13 ng/u1

response 580152

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	10.88
277.00	24.80	23.67
0.00	0.00	0.00

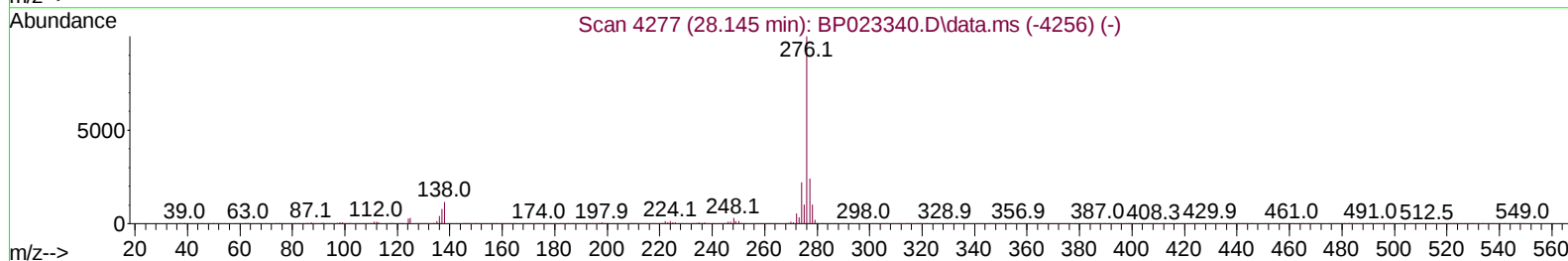
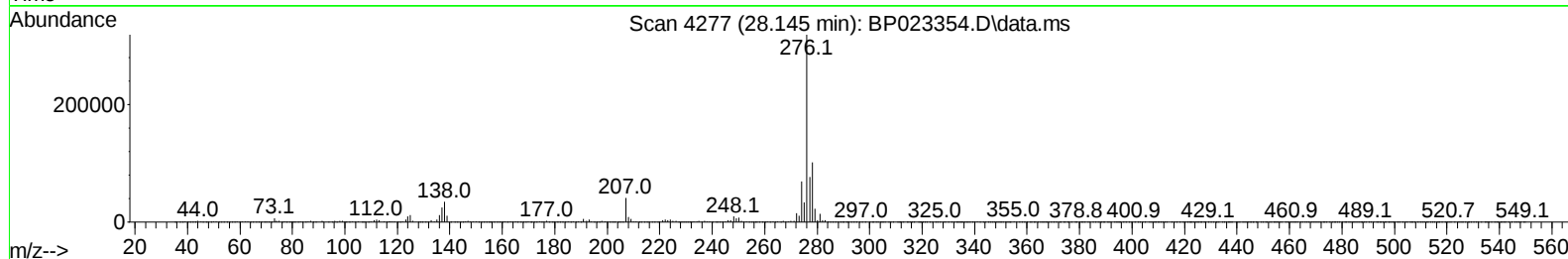
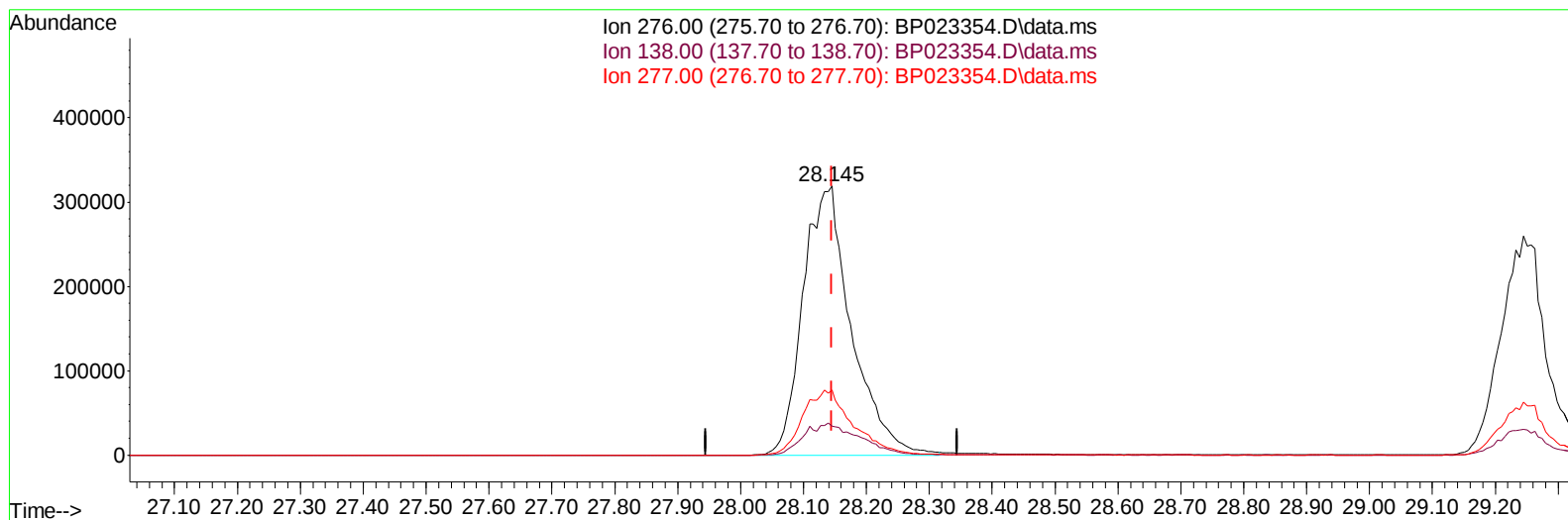
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
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Sample : PB165459BS
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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TIC: BP023354.D\data.ms

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

28.145min (+ 0.000) 26.74 ng/ul m

response 1699926

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	10.75
277.00	24.80	24.13
0.00	0.00	0.00

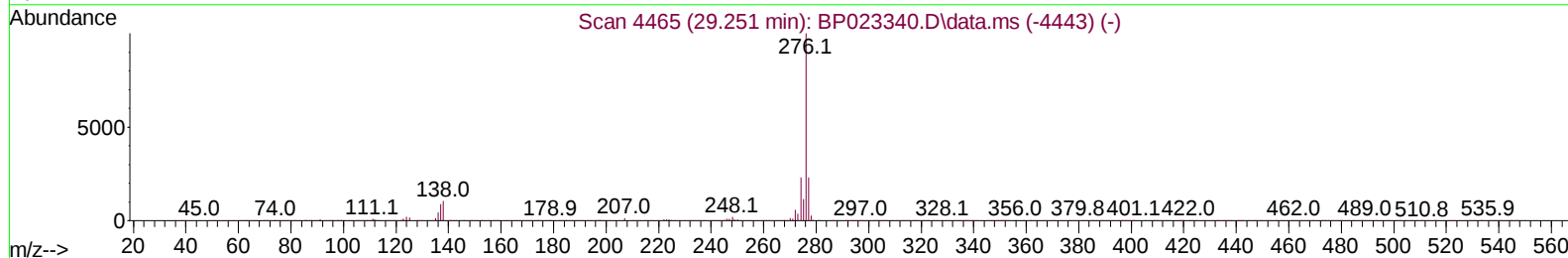
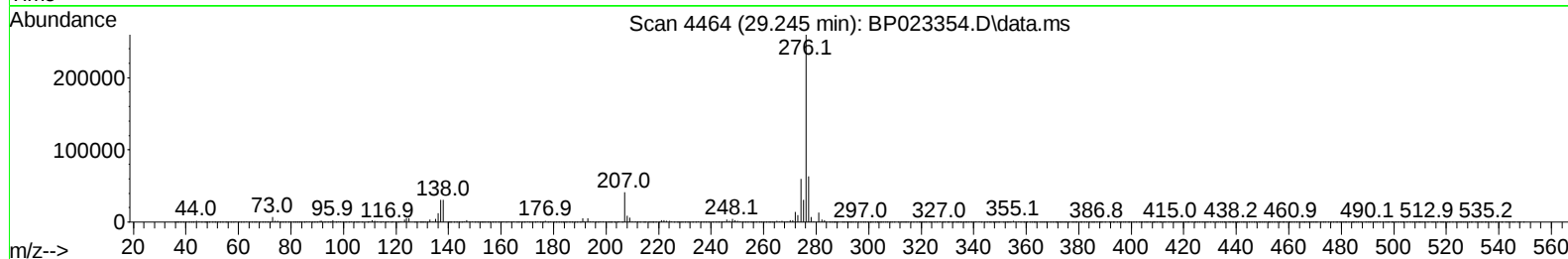
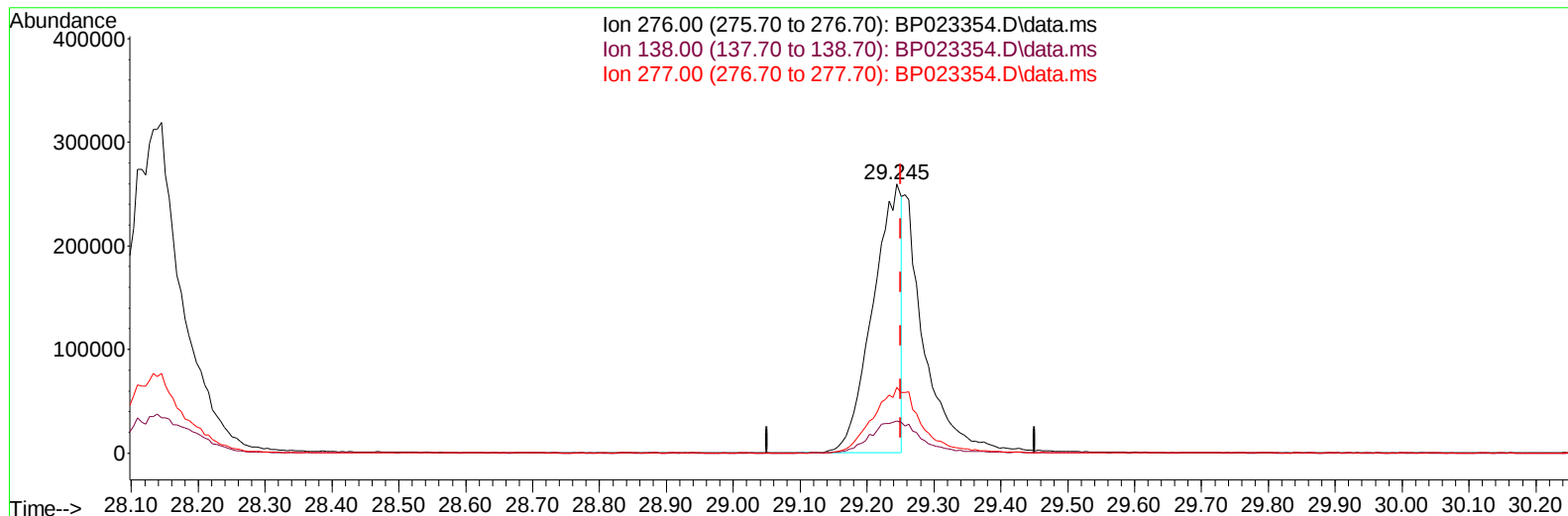
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023354.D
Acq On : 10 Dec 2024 19:56
Operator : RC/JU
Sample : PB165459BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023354.D\data.ms

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

29.245min (-0.006) 15.84 ng/u1

response 771111

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	11.85
277.00	23.60	24.35
0.00	0.00	0.00

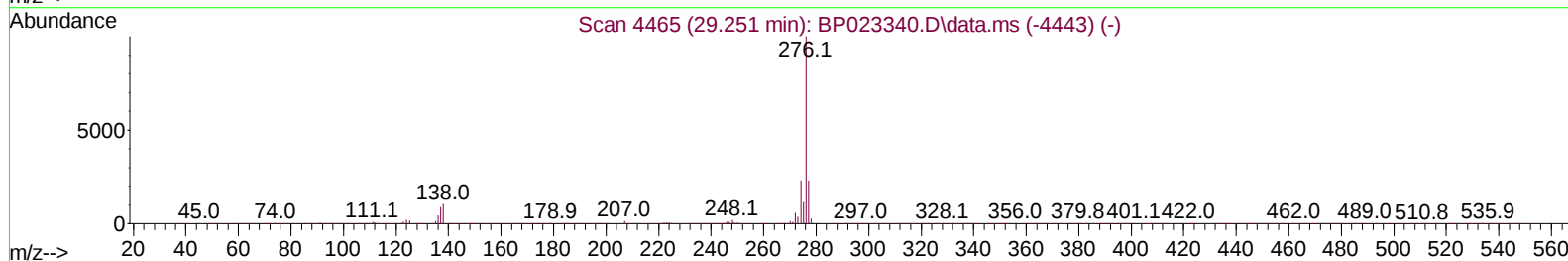
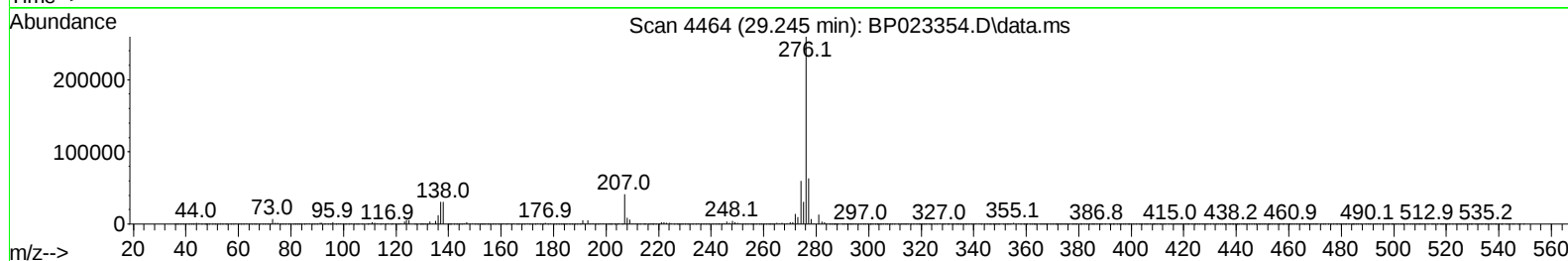
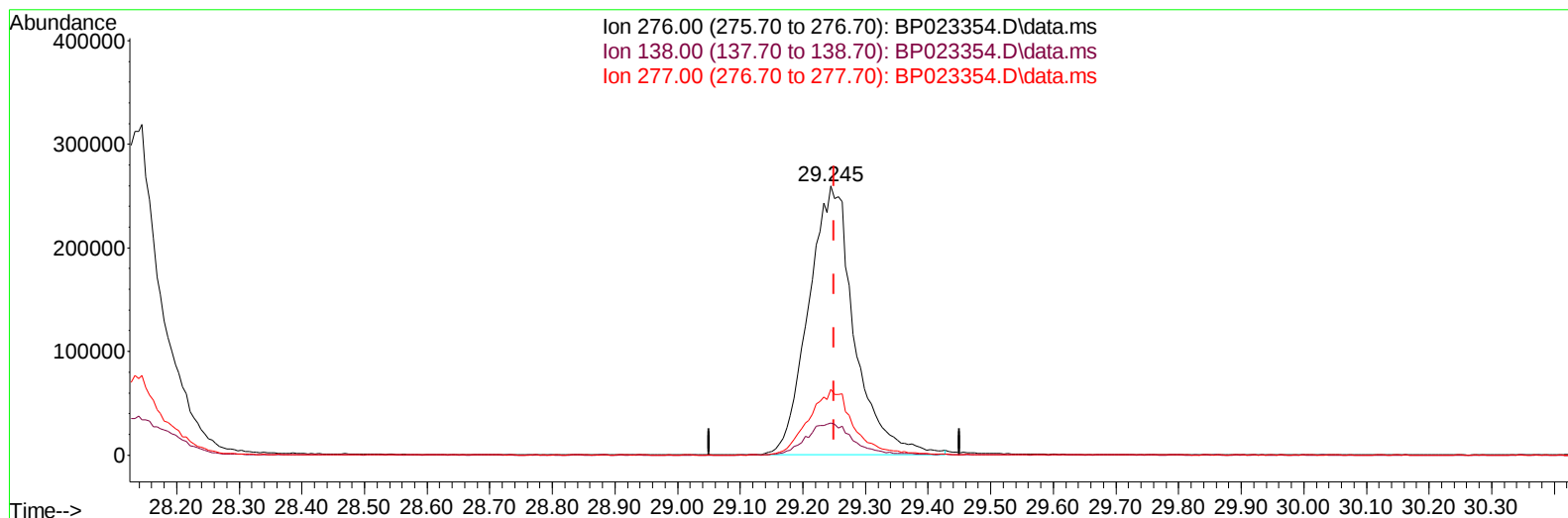
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023354.D
Acq On : 10 Dec 2024 19:56
Operator : RC/JU
Sample : PB165459BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP023354.D\data.ms

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

29.245min (-0.006) 27.13 ng/ul m

response 1320607

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	11.85
277.00	23.60	24.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
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Instrument :
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 SLCS459

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:03:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	76500	20.000	ng/ul	0.00
20) Naphthalene-d8	10.287	136	299596	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	251573	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	674469	20.000	ng/ul	-0.01
79) Chrysene-d12	21.375	240	763886	20.000	ng/ul	-0.01
88) Perylene-d12	24.545	264	868425	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	10786	5.191	ng/uL	0.00
4) Pyridine-d5	3.523	84	146850	27.484	ng/ul	0.00
7) Phenol-d5	6.752	99	176622	29.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	107596	28.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	128232	28.946	ng/ul	0.00
15) 4-Methylphenol-d8	8.258	113	136305	28.136	ng/ul	0.00
21) Nitrobenzene-d5	8.681	128	57814	25.842	ng/ul	0.00
24) 2-Nitrophenol-d4	9.393	143	68311	26.494	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	152206	27.969	ng/ul	0.00
31) 4-Chloroaniline-d4	10.440	131	146814	24.082	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	511773	26.205	ng/ul	0.00
49) Acenaphthylene-d8	13.846	160	540286	26.228	ng/ul	0.01
54) 4-Nitrophenol-d4	14.410	143	71301	29.793	ng/ul	0.00
60) Fluorene-d10	15.157	176	451933	26.309	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	104841	25.720	ng/ul	0.01
73) Anthracene-d10	17.063	188	789091	25.635	ng/ul	0.01
81) Pyrene-d10	19.434	212	1035527	25.947	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.322	264	1216383	26.165	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	23086	10.041	ng/uL	94
5) Pyridine	3.540	79	149507	27.393	ng/ul	98
6) Benzaldehyde	6.728	77	22876	6.666	ng/ul	94
8) Phenol	6.775	94	187149	29.949	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.981	93	132656	26.893	ng/ul	93
12) 2-Chlorophenol	7.122	128	129505	27.885	ng/ul	94
13) 2-Methylphenol	7.993	108	130857	28.237	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.052	45	174006	29.008	ng/ul	98
16) Acetophenone	8.358	105	208204	25.535	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.334	70	121980	27.456	ng/ul	96
18) 4-Methylphenol	8.316	108	143262	28.641	ng/ul	97
19) Hexachloroethane	8.581	117	60656	26.824	ng/ul	89
22) Nitrobenzene	8.728	77	193678	28.451	ng/ul	95
23) Isophorone	9.240	82	331610	27.503	ng/ul	99
25) 2-Nitrophenol	9.428	139	72959	26.490	ng/ul	96
26) 2,4-Dimethylphenol	9.487	107	173673	28.477	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.716	93	181100	26.585	ng/ul	98
29) 2,4-Dichlorophenol	9.963	162	149018	27.630	ng/ul	99
30) Naphthalene	10.334	128	396337	25.270	ng/ul	98
32) 4-Chloroaniline	10.463	127	97620	16.514	ng/ul	98
33) Hexachlorobutadiene	10.605	225	120978	25.287	ng/ul	100
34) Caprolactam	11.252	113	42358m	26.917	ng/ul	
35) 4-Chloro-3-methylphenol	11.599	107	169967	29.023	ng/ul	96

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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.946	142	302001	25.966	ng/ul	98
37) 1-Methylnaphthalene	12.169	142	305964	25.815	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.322	216	218029	23.749	ng/ul	98
40) Hexachlorocyclopentadiene	12.281	237	100376	22.756	ng/ul	97
41) 2,4,6-Trichlorophenol	12.581	196	147041	27.065	ng/ul	99
42) 2,4,5-Trichlorophenol	12.669	196	157680	27.164	ng/ul	98
43) 1,1'-Biphenyl	12.969	154	437641	24.552	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	355926	24.686	ng/ul	97
45) 2-Nitroaniline	13.246	65	128328	30.720	ng/ul	95
47) Dimethylphthalate	13.610	163	496501	25.809	ng/ul	99
48) 2,6-Dinitrotoluene	13.746	165	98380	26.689	ng/ul	96
50) Acenaphthylene	13.875	152	541845	25.829	ng/ul	99
51) 3-Nitroaniline	14.087	138	83894	27.155	ng/ul	93
52) Acenaphthene	14.222	153	397149	25.902	ng/ul	98
53) 2,4-Dinitrophenol	14.316	184	64470	27.122	ng/ul	91
55) 4-Nitrophenol	14.428	109	91449	28.364	ng/ul	96
56) Dibenzofuran	14.563	168	596882	25.633	ng/ul	98
57) 2,4-Dinitrotoluene	14.563	165	161550	27.197	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.793	232	157334	27.302	ng/ul	97
59) Diethylphthalate	14.993	149	529532	27.600	ng/ul	99
61) Fluorene	15.222	166	512909	27.052	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	294826	26.809	ng/ul	98
63) 4-Nitroaniline	15.275	138	90149	33.176	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.334	198	110845	25.634	ng/ul#	91
67) N-Nitrosodiphenylamine	15.434	169	443770	25.765	ng/ul	99
68) 4-Bromophenyl-phenylether	16.122	248	200185	25.142	ng/ul	98
69) Hexachlorobenzene	16.245	284	232330	23.818	ng/ul	99
70) Atrazine	16.416	200	199728	26.649	ng/ul	99
71) Pentachlorophenol	16.616	266	144113	25.312	ng/ul	95
72) Phenanthrene	16.992	178	883640	25.342	ng/ul	100
74) Anthracene	17.098	178	898780	25.778	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.934	216	222839	22.921	ng/uL	99
76) Pentachlorobenzene	14.481	250	247082	23.057	ng/uL	98
77) Carbazole	17.387	167	800918	28.196	ng/ul	99
78) Di-n-butylphthalate	17.951	149	968342	27.744	ng/ul	100
80) Fluoranthene	19.086	202	1186676	25.949	ng/ul	99
82) Pyrene	19.469	202	1273867	26.250	ng/ul	100
83) Butylbenzylphthalate	20.422	149	466205	27.738	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.286	252	423919	24.185	ng/ul	99
85) Benzo(a)anthracene	21.357	228	1347647	26.309	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	669235	27.727	ng/ul	99
87) Chrysene	21.422	228	1264169	25.753	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1147244	27.049	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	1399346	25.647	ng/ul	99
91) Benzo(k)fluoranthene	23.610	252	1439121	26.509	ng/ul	99
93) Benzo(a)pyrene	24.404	252	1302644	26.331	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.145	276	1699926m	26.739	ng/ul	
95) Dibenzo(a,h)anthracene	28.186	278	1354933	26.631	ng/ul	99
96) Benzo(g,h,i)perylene	29.245	276	1320607m	27.131	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

SLCS459

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/13/2024

