

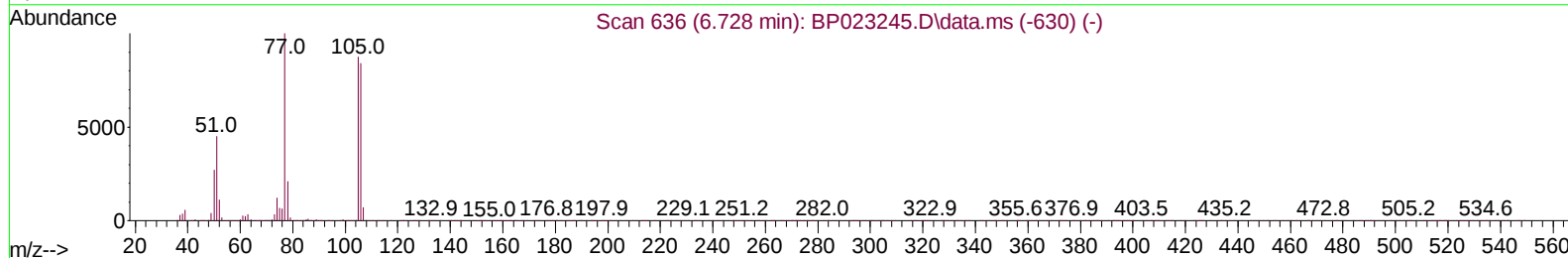
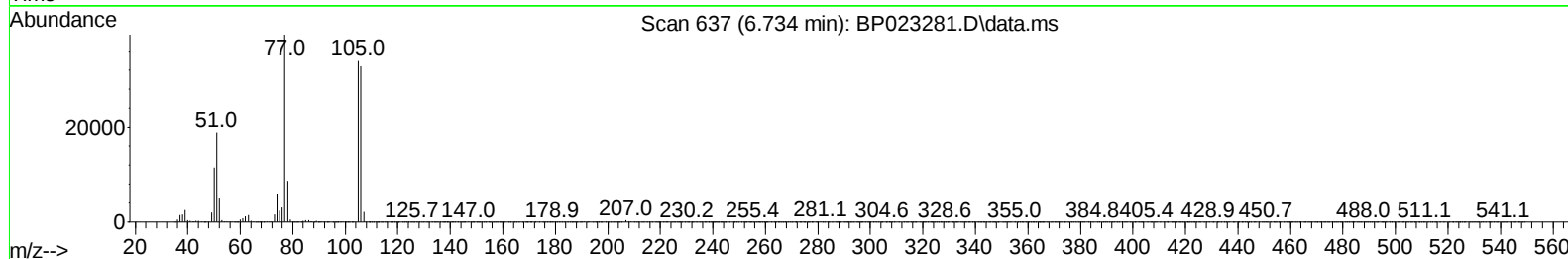
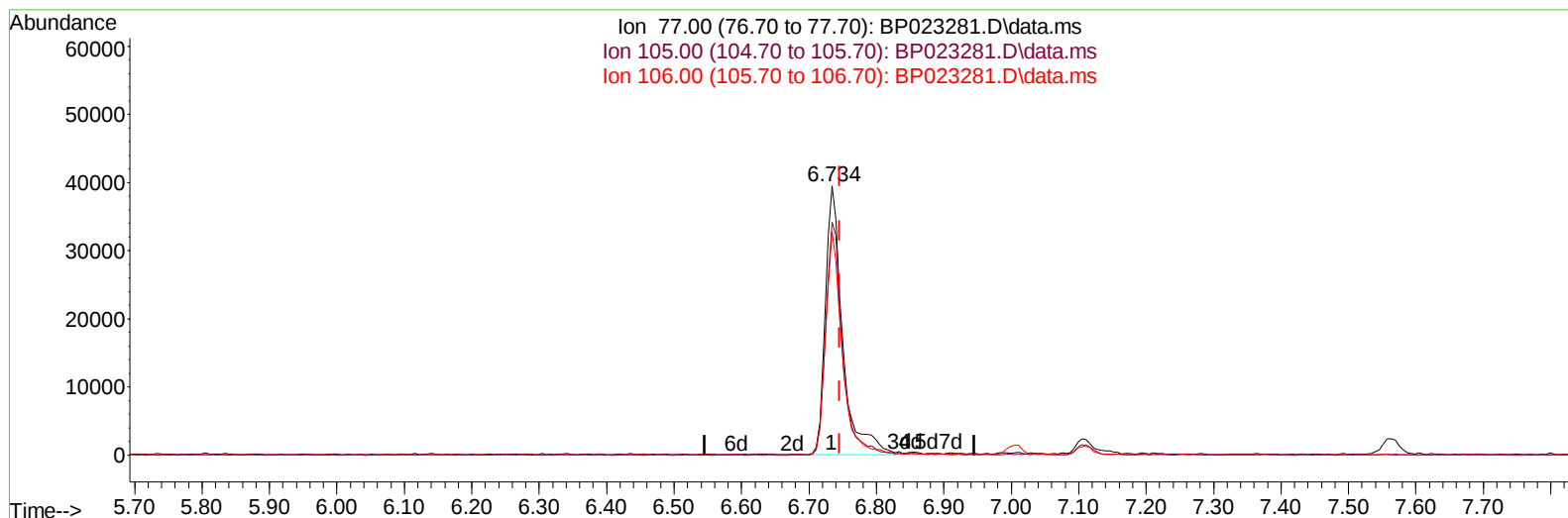
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023281.D
 Acq On : 21 Nov 2024 12:40
 Operator : RC/JU
 Sample : P4872-06MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29X5MS

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:22:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



TIC: BP023281.D\data.ms

(6) Benzaldehyde

6.734min (-0.012) 16.36 ng/u1

response 70287

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.60	86.55
106.00	81.90	83.14
0.00	0.00	0.00

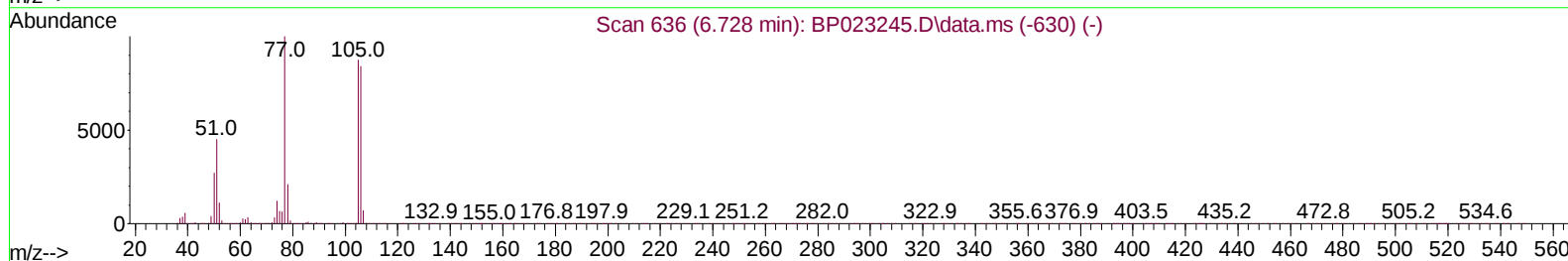
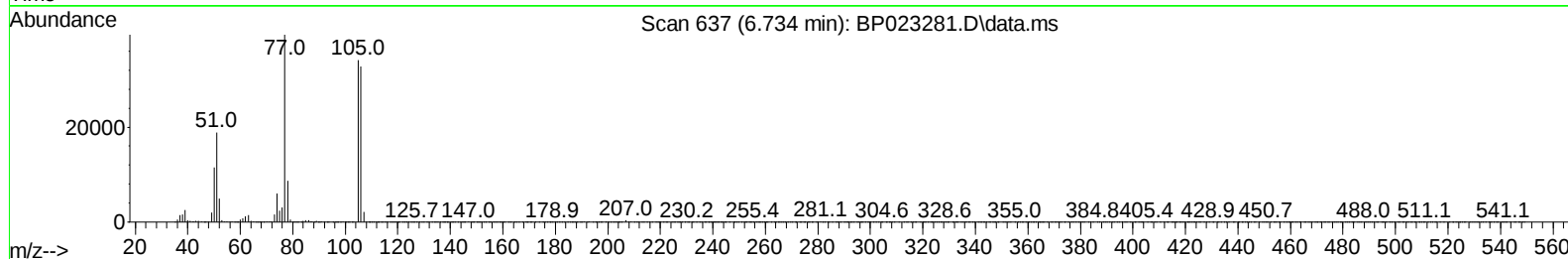
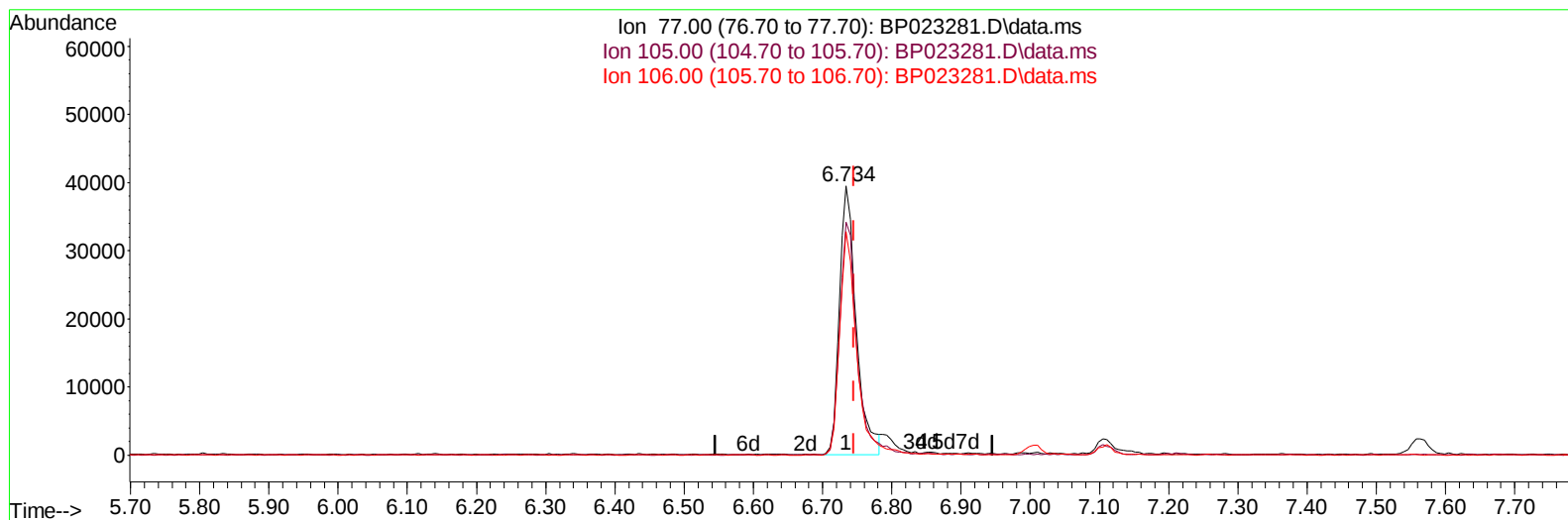
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TIC: BP023281.D\data.ms

(6) Benzaldehyde

6.734min (-0.012) 15.44 ng/ul m

response 66328

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.60	86.55
106.00	81.90	83.14
0.00	0.00	0.00

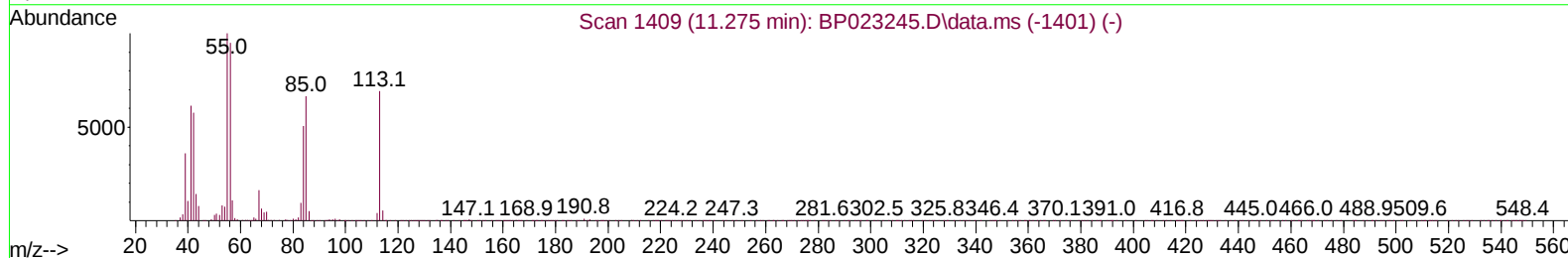
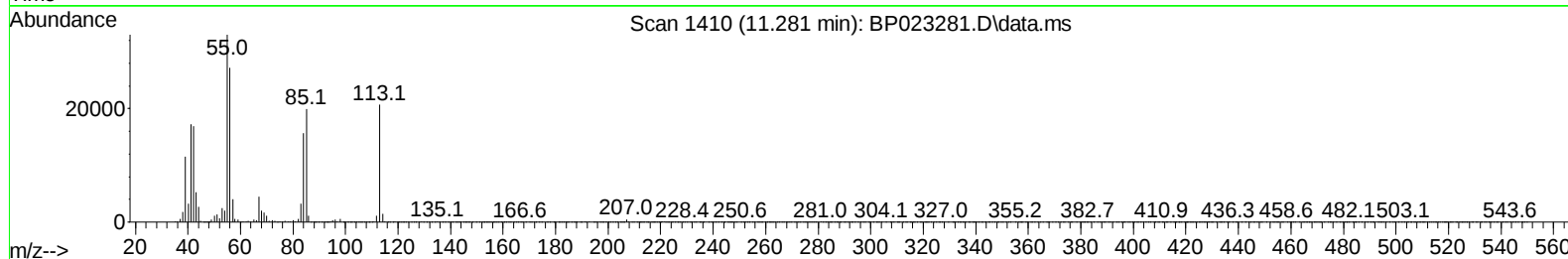
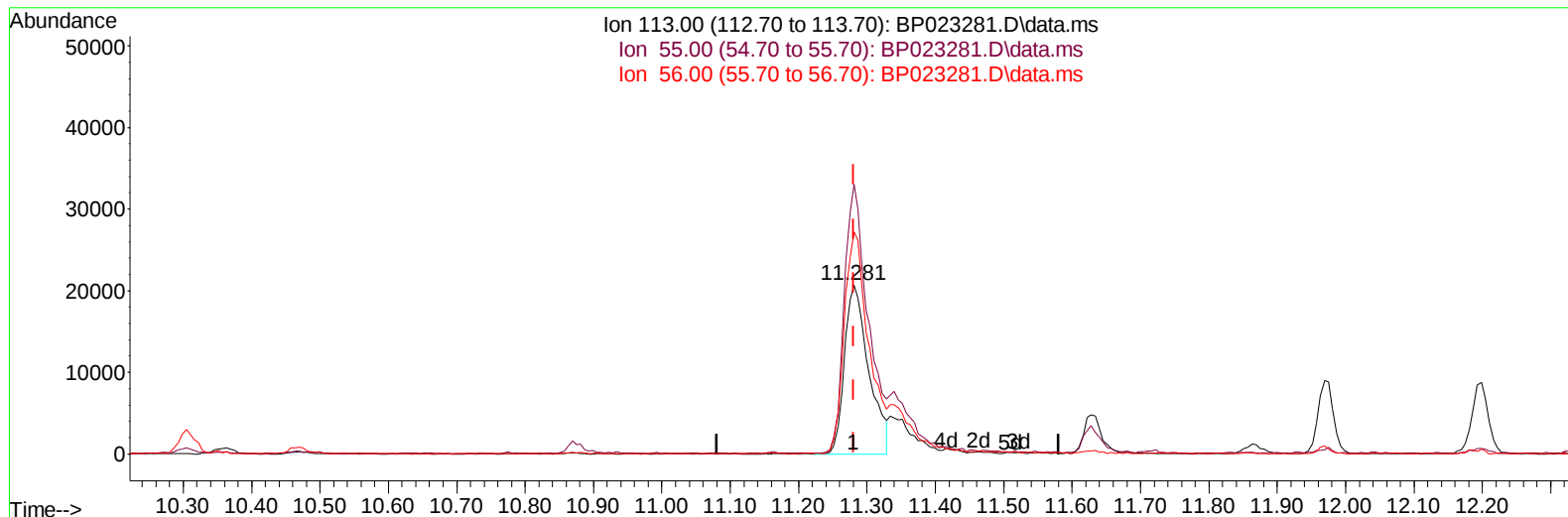
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
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TIC: BP023281.D\data.ms

(34) Caprolactam

11.281min (+ 0.000) 27.39 ng/ul

response 51214

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	159.65
56.00	124.80	131.53
0.00	0.00	0.00

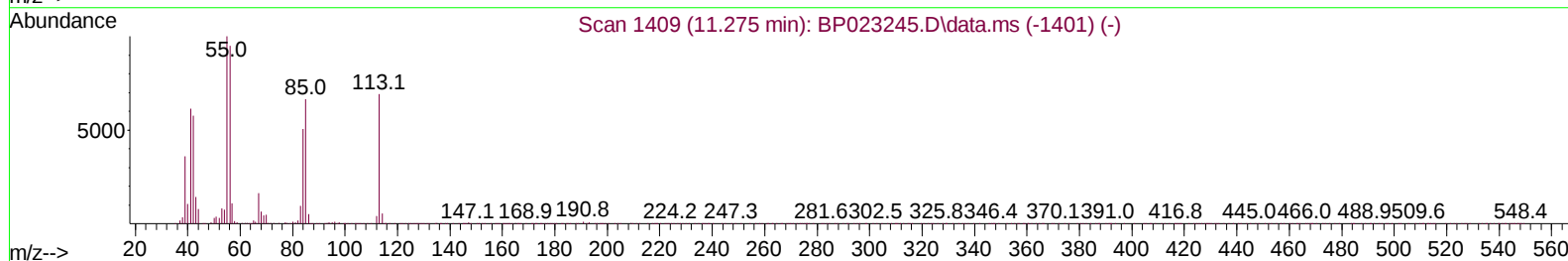
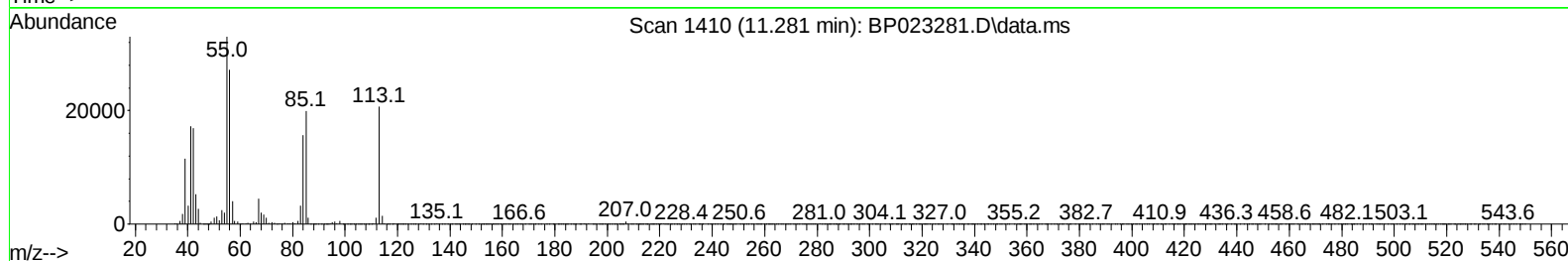
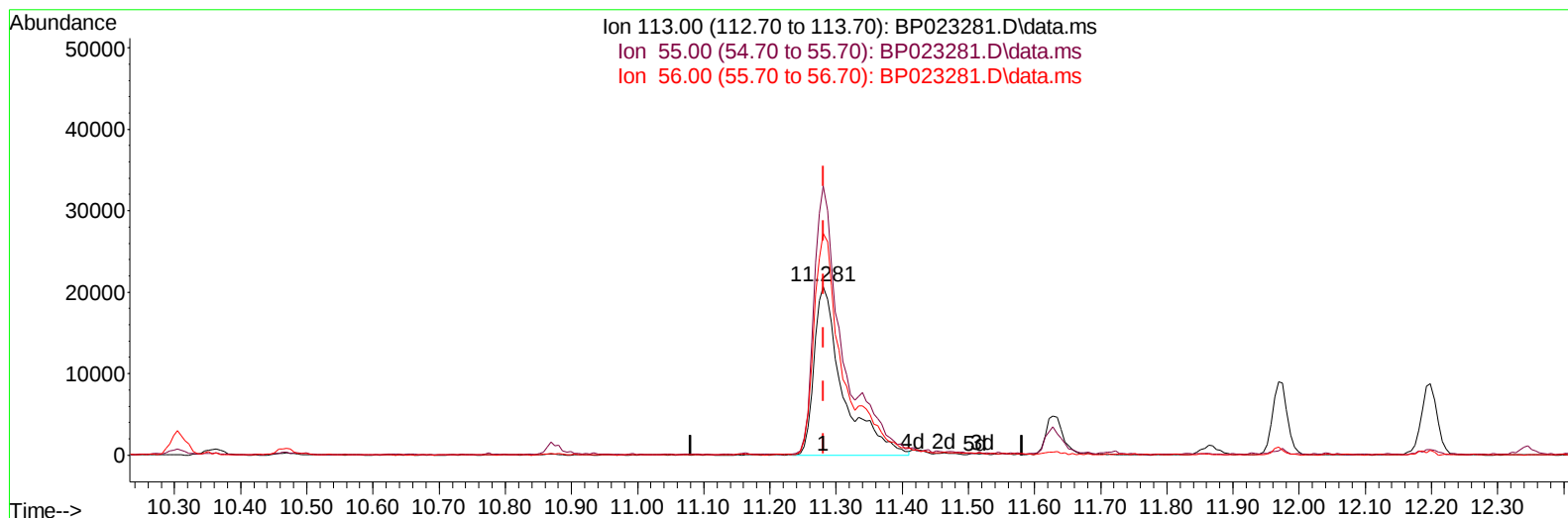
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023281.D
Acq On : 21 Nov 2024 12:40
Operator : RC/JU
Sample : P4872-06MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
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Quant Time: Nov 22 00:22:37 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration



TIC: BP023281.D\data.ms

(34) Caprolactam

11.281min (+ 0.000) 33.47 ng/ul m

response 62578

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	159.65
56.00	124.80	131.53
0.00	0.00	0.00

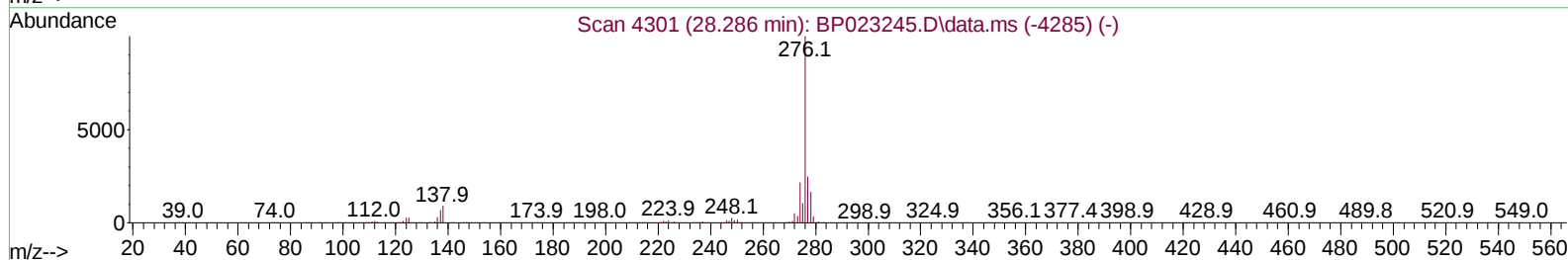
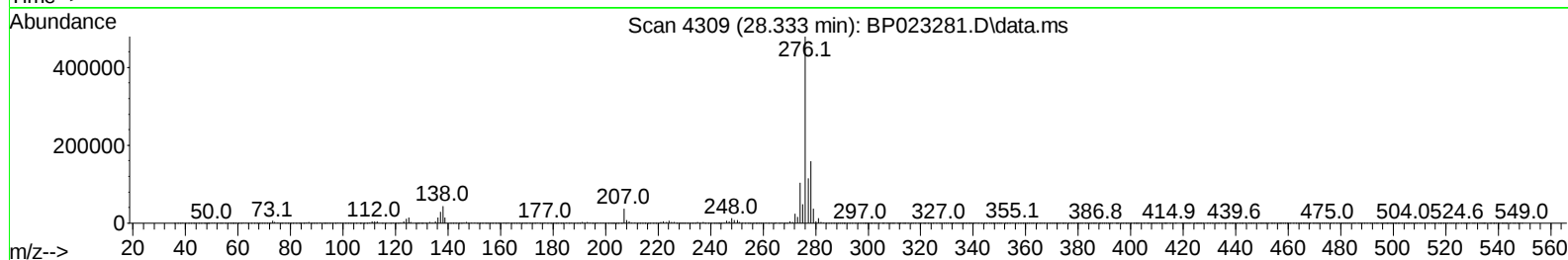
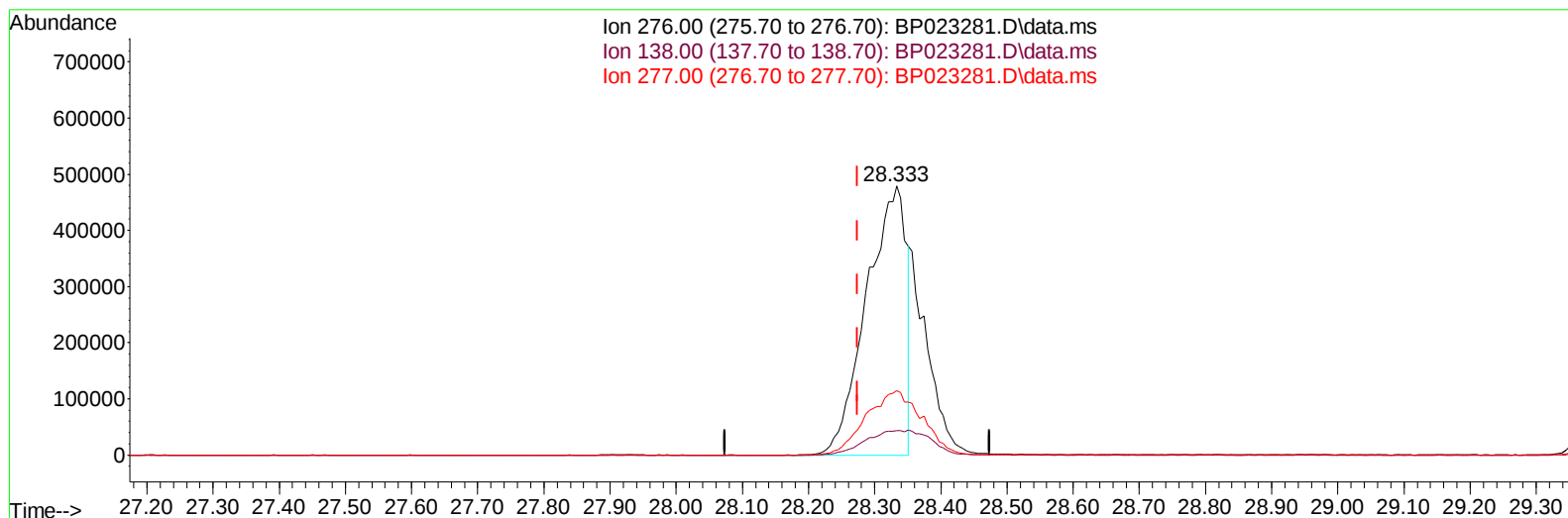
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023281.D
Acq On : 21 Nov 2024 12:40
Operator : RC/JU
Sample : P4872-06MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP023281.D\data.ms

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

28.333min (+ 0.059) 25.95 ng/u1

response 1984192

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.70	9.19
277.00	24.80	23.99
0.00	0.00	0.00

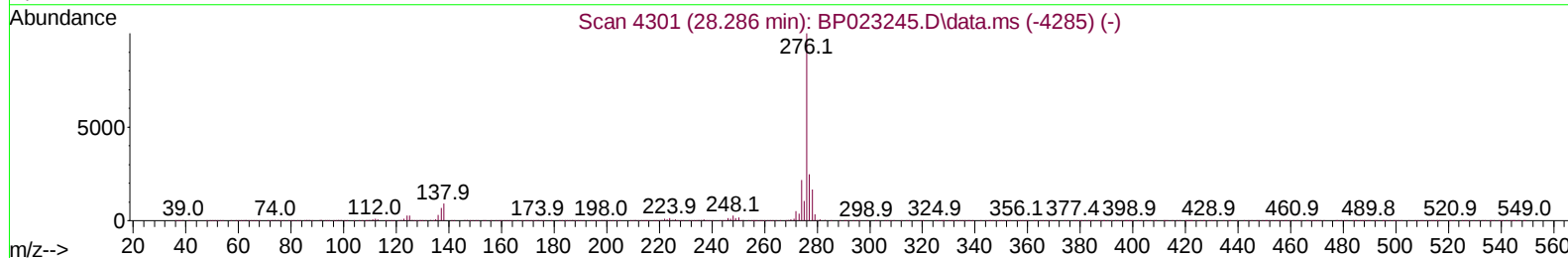
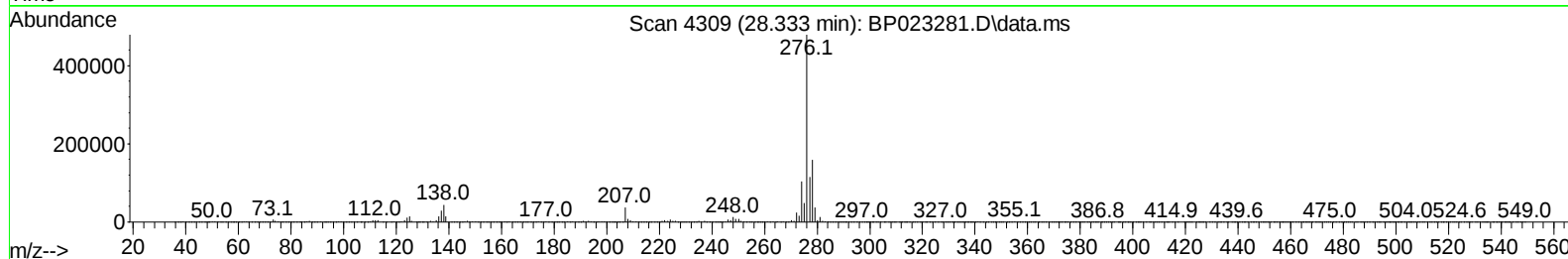
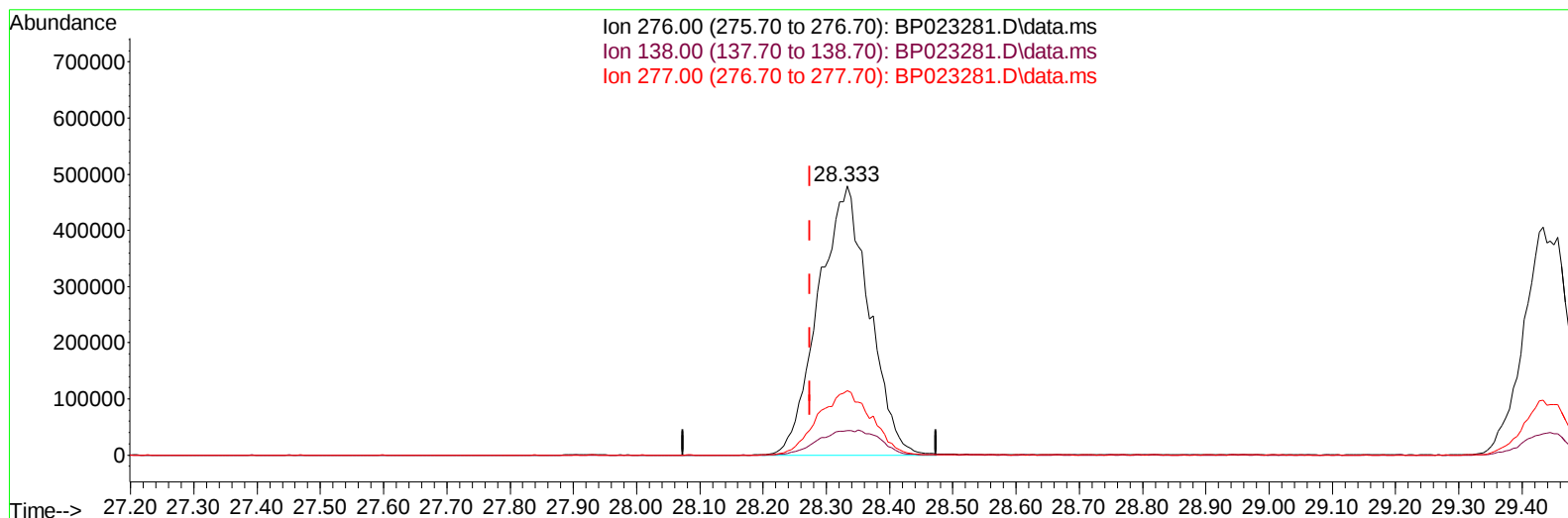
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
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 Acq On : 21 Nov 2024 12:40
 Operator : RC/JU
 Sample : P4872-06MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29X5MS

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:22:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
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Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



TIC: BP023281.D\data.ms

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

28.333min (+ 0.059) 34.75 ng/ul m

response 2656704

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.70	9.19
277.00	24.80	23.99
0.00	0.00	0.00

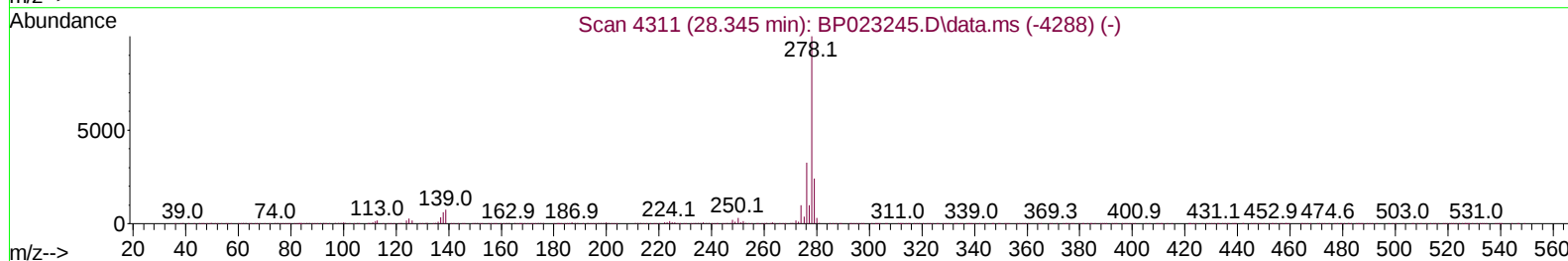
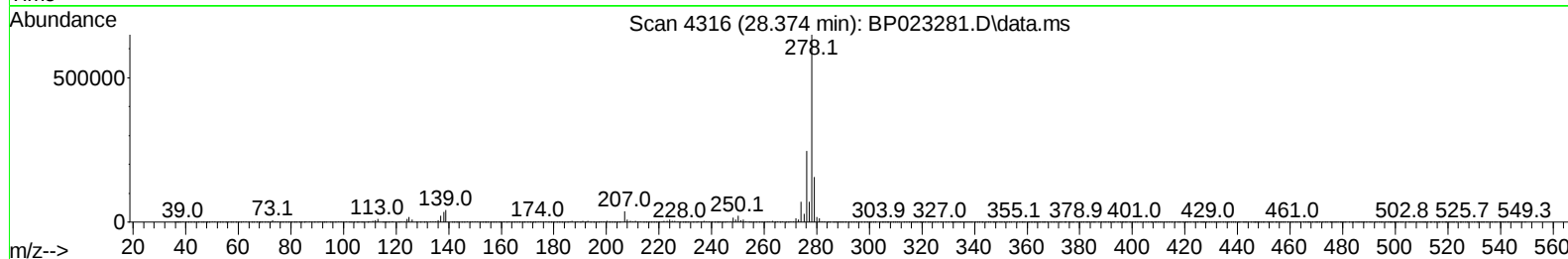
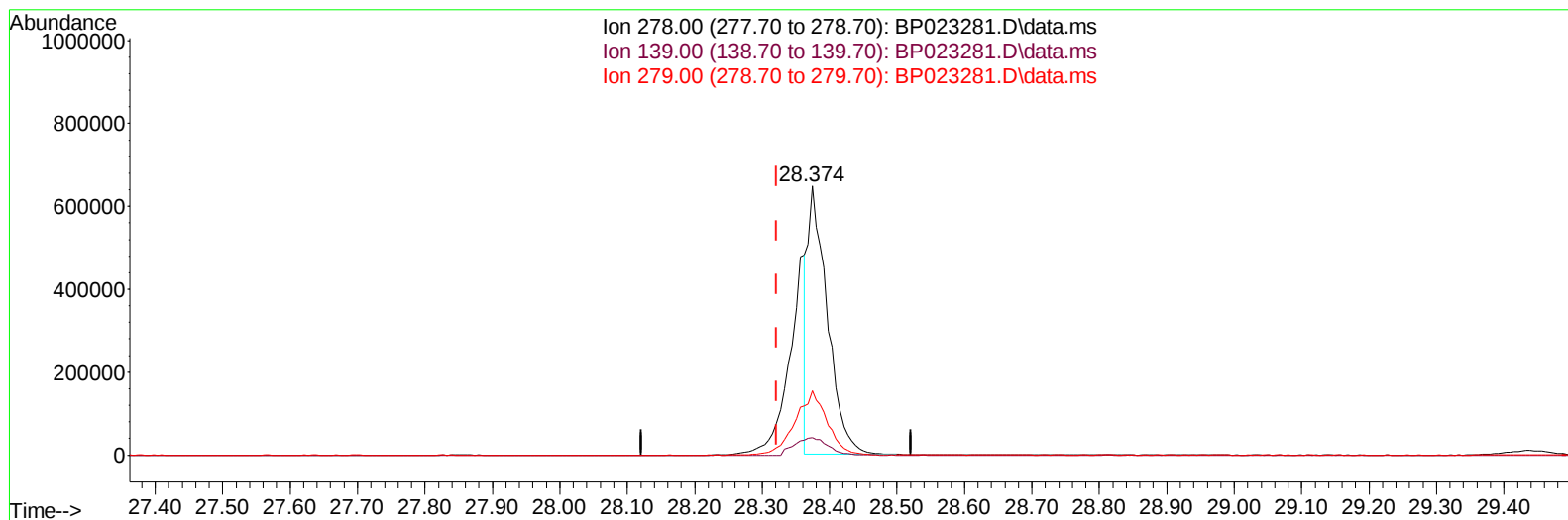
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023281.D
Acq On : 21 Nov 2024 12:40
Operator : RC/JU
Sample : P4872-06MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29X5MS

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:22:37 2024
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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023281.D\data.ms

(95) Dibenzo(a,h)anthracene

28.374min (+ 0.053) 20.98 ng/u1

response 1302408

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.70	6.59
279.00	24.30	24.07
0.00	0.00	0.00

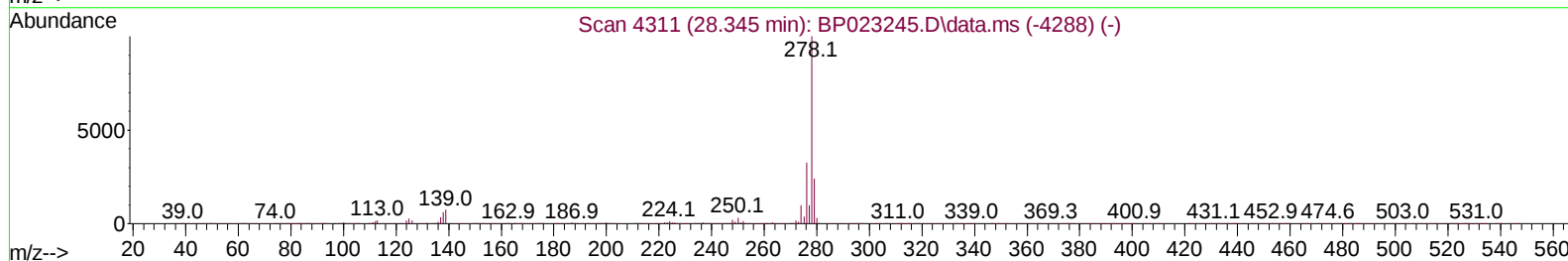
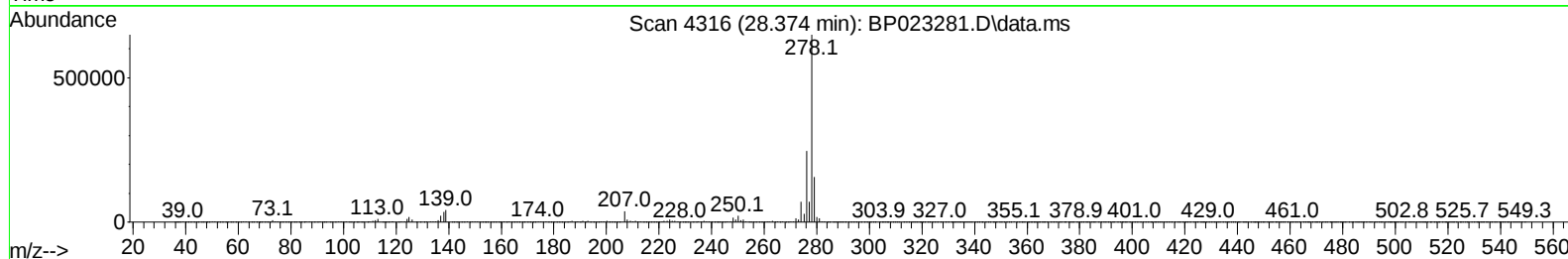
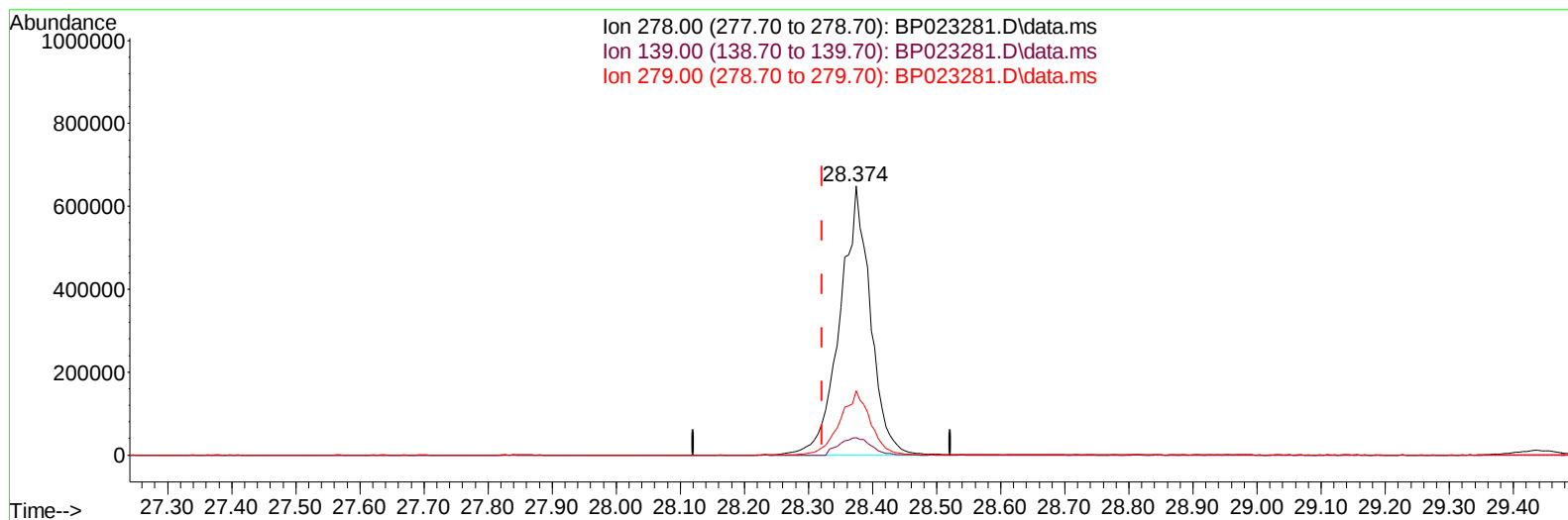
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Data File : BP023281.D
Acq On : 21 Nov 2024 12:40
Operator : RC/JU
Sample : P4872-06MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29X5MS

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:22:37 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023281.D\data.ms

(95) Dibenzo(a,h)anthracene

28.374min (+ 0.053) 34.49 ng/ul m

response 2140983

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.70	6.59
279.00	24.30	24.07
0.00	0.00	0.00

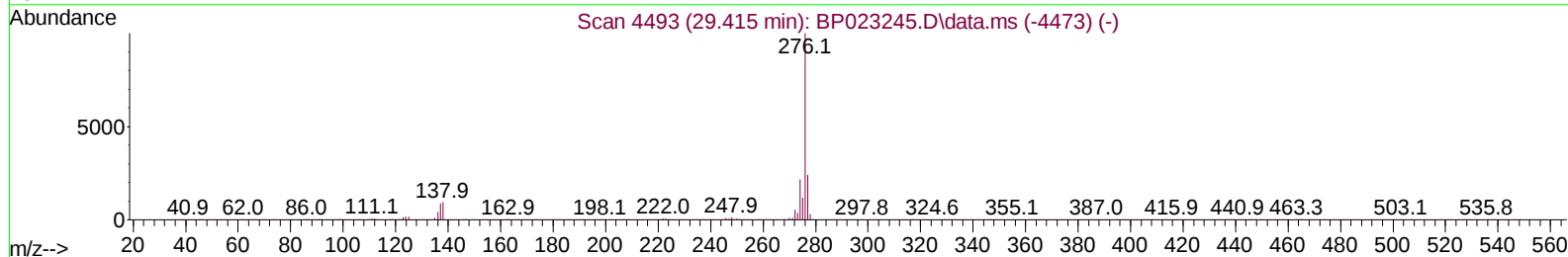
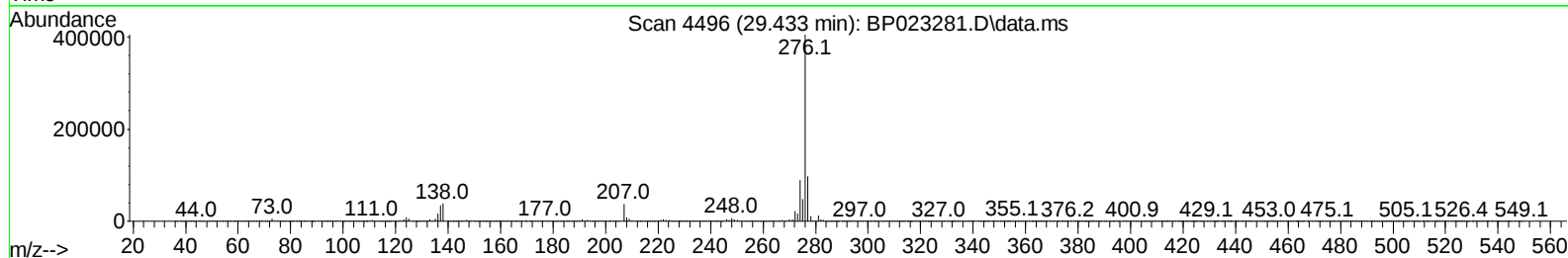
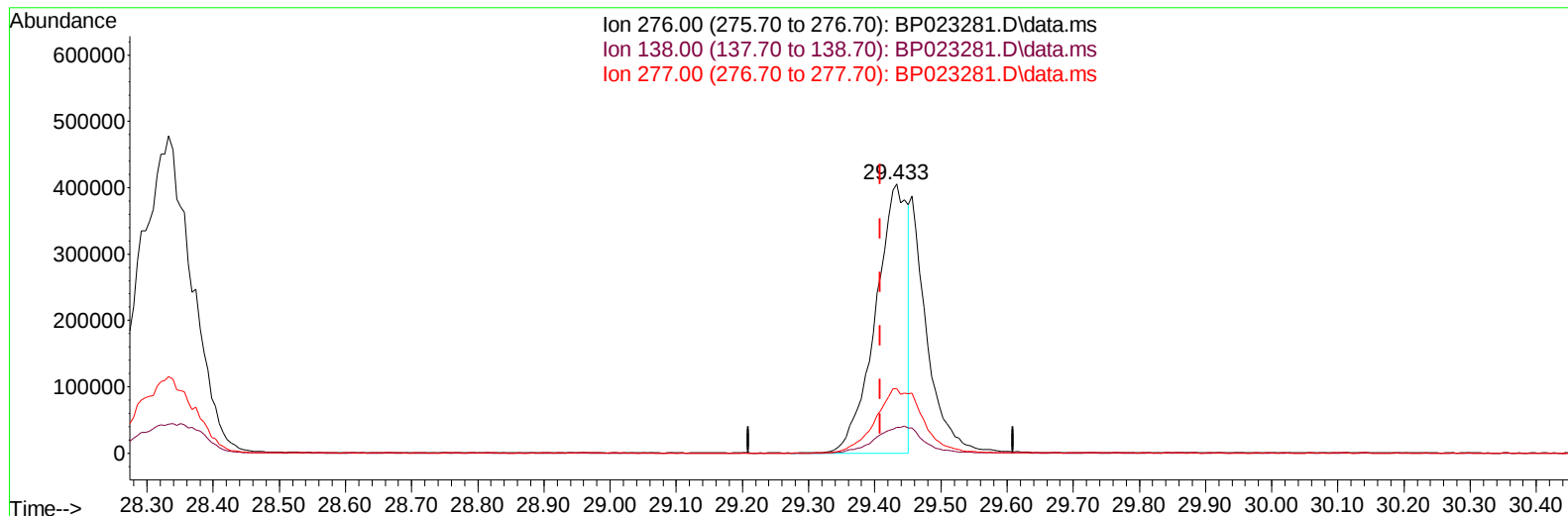
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TIC: BP023281.D\data.ms

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

29.433min (+ 0.024) 23.36 ng/u1

response 1356752

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	9.48
277.00	24.30	24.00
0.00	0.00	0.00

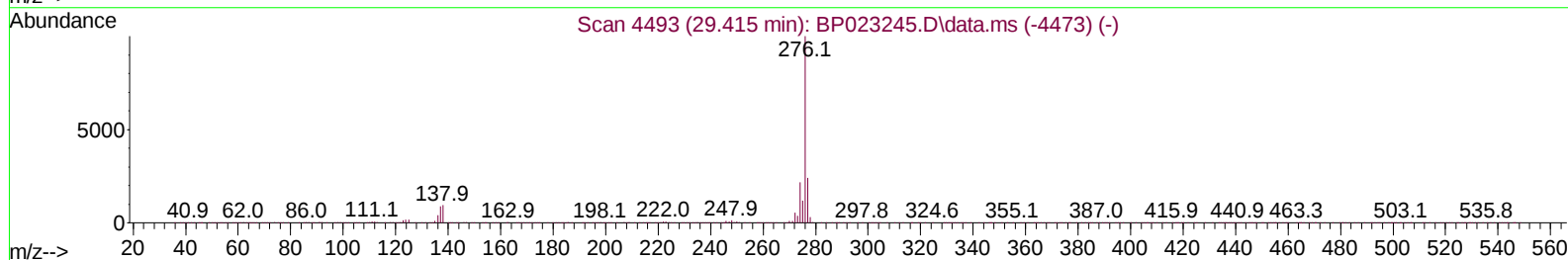
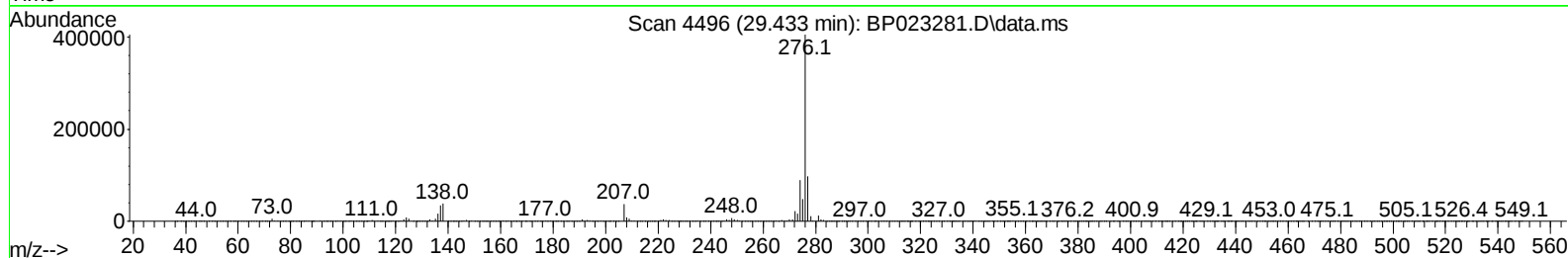
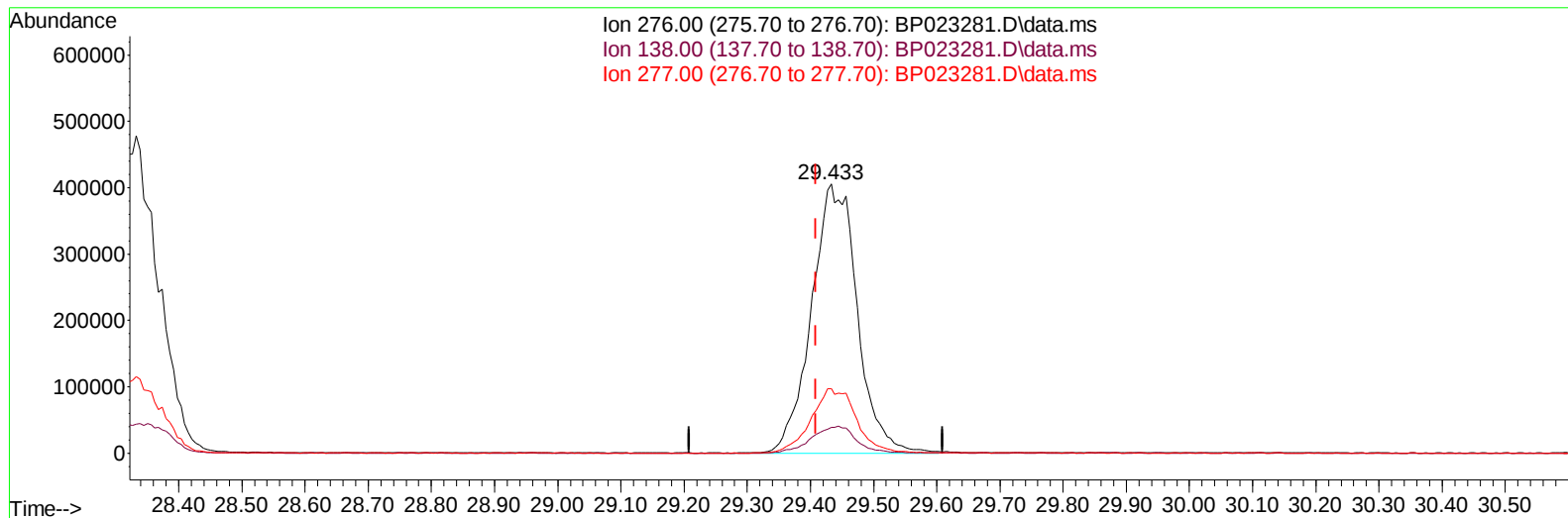
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Operator : RC/JU
Sample : P4872-06MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
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E29X5MS

Manual IntegrationsAPPROVED

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TIC: BP023281.D\data.ms

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

29.433min (+ 0.024) 35.01 ng/ul m

response 2033131

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	9.48
277.00	24.30	24.00
0.00	0.00	0.00

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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29X5MS

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:26:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	101000	20.000	ng/ul	0.00
20) Naphthalene-d8	10.304	136	365154	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.175	164	294286	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.986	188	723621	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.439	240	896463	20.000	ng/ul	0.02
88) Perylene-d12	24.657	264	1090636	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	6247	2.973	ng/uL	0.00
4) Pyridine-d5	3.540	84	87316	13.987	ng/ul	0.00
7) Phenol-d5	6.763	99	123567	16.548	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.911	67	70965	16.176	ng/ul	0.00
11) 2-Chlorophenol-d4	7.111	132	94084	17.204	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	98853	16.087	ng/ul	0.00
21) Nitrobenzene-d5	8.705	128	44226	17.397	ng/ul	0.00
24) 2-Nitrophenol-d4	9.416	143	52869	17.445	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	118818	18.721	ng/ul	0.00
31) 4-Chloroaniline-d4	10.463	131	93335	12.327	ng/ul	0.00
46) Dimethylphthalate-d6	13.593	166	373818	17.625	ng/ul	0.00
49) Acenaphthylene-d8	13.869	160	395572	17.874	ng/ul	0.00
54) 4-Nitrophenol-d4	14.445	143	48133	15.101	ng/ul	-0.01
60) Fluorene-d10	15.192	176	332574	17.884	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.351	200	67365	15.540	ng/ul	0.00
73) Anthracene-d10	17.092	188	569614	18.591	ng/ul	0.00
81) Pyrene-d10	19.486	212	770752	18.666	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.433	264	965406	18.583	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	30387	12.516	ng/uL	97
5) Pyridine	3.558	79	187965	29.981	ng/ul	94
6) Benzaldehyde	6.734	77	66328m	15.436	ng/ul	
8) Phenol	6.793	94	263990	33.855	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.005	93	190612	32.530	ng/ul	96
12) 2-Chlorophenol	7.140	128	188060	33.122	ng/ul	96
13) 2-Methylphenol	8.016	108	189481	32.553	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.069	45	219092	33.029	ng/ul	94
16) Acetophenone	8.381	105	325346	31.508	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.357	70	162703	31.557	ng/ul	98
18) 4-Methylphenol	8.340	108	206351	32.097	ng/ul	98
19) Hexachloroethane	8.610	117	87145	31.735	ng/ul	99
22) Nitrobenzene	8.746	77	257611	35.317	ng/ul	95
23) Isophorone	9.263	82	451636	34.627	ng/ul	98
25) 2-Nitrophenol	9.446	139	112436	35.149	ng/ul	99
26) 2,4-Dimethylphenol	9.510	107	223510	32.358	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.740	93	255638	35.622	ng/ul	96
29) 2,4-Dichlorophenol	9.981	162	220448	35.067	ng/ul	98
30) Naphthalene	10.357	128	605613	34.138	ng/ul	98
32) 4-Chloroaniline	10.493	127	112794	15.376	ng/ul	97
33) Hexachlorobutadiene	10.634	225	187875	33.029	ng/ul	99
34) Caprolactam	11.281	113	62578m	33.466	ng/ul	
35) 4-Chloro-3-methylphenol	11.628	107	244218	36.111	ng/ul	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023281.D
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 Sample : P4872-06MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29X5MS

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.969	142	449082	33.531	ng/ul	98
37) 1-Methylnaphthalene	12.198	142	447086	32.655	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.346	216	340598	34.282	ng/ul	95
40) Hexachlorocyclopentadiene	12.316	237	124450	23.849	ng/ul	97
41) 2,4,6-Trichlorophenol	12.604	196	211257	34.920	ng/ul	99
42) 2,4,5-Trichlorophenol	12.693	196	237505	36.416	ng/ul	98
43) 1,1'-Biphenyl	12.998	154	650965	34.521	ng/ul	99
44) 2-Chloronaphthalene	13.040	162	533531	34.612	ng/ul	100
45) 2-Nitroaniline	13.269	65	163057	37.673	ng/ul	92
47) Dimethylphthalate	13.645	163	700442	33.486	ng/ul	99
48) 2,6-Dinitrotoluene	13.769	165	149435	36.727	ng/ul	98
50) Acenaphthylene	13.898	152	784736	35.079	ng/ul	99
51) 3-Nitroaniline	14.110	138	122076	34.834	ng/ul	97
52) Acenaphthene	14.240	153	567091	34.917	ng/ul	98
53) 2,4-Dinitrophenol	14.345	184	93656	32.440	ng/ul	96
55) 4-Nitrophenol	14.457	109	119990	32.175	ng/ul	99
56) Dibenzofuran	14.587	168	855151	34.079	ng/ul	100
57) 2,4-Dinitrotoluene	14.587	165	230288	35.512	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	14.828	232	211340	33.150	ng/ul#	98
59) Diethylphthalate	15.034	149	702324	33.949	ng/ul	98
61) Fluorene	15.239	166	706401	34.394	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.239	204	406560	33.619	ng/ul	97
63) 4-Nitroaniline	15.298	138	130085	39.891	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.369	198	150597	32.522	ng/ul	97
67) N-Nitrosodiphenylamine	15.475	169	618161	36.969	ng/ul	99
68) 4-Bromophenyl-phenylether	16.169	248	286171	34.923	ng/ul	97
69) Hexachlorobenzene	16.281	284	355774	34.489	ng/ul	97
70) Atrazine	16.463	200	16297	2.016	ng/ul	97
71) Pentachlorophenol	16.645	266	204293	31.899	ng/ul	99
72) Phenanthrene	17.034	178	1247274	36.507	ng/ul	99
74) Anthracene	17.134	178	1237461	36.025	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	329831	34.523	ng/uL	96
76) Pentachlorobenzene	14.510	250	392792	36.006	ng/uL	98
77) Carbazole	17.416	167	1100068	36.707	ng/ul	100
78) Di-n-butylphthalate	17.992	149	1259681	37.877	ng/ul	99
80) Fluoranthene	19.133	202	1739155	36.560	ng/ul	99
82) Pyrene	19.516	202	1836710	35.941	ng/ul	99
83) Butylbenzylphthalate	20.469	149	638212	37.932	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.345	252	530572	26.367	ng/ul	99
85) Benzo(a)anthracene	21.416	228	1964618	35.890	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	930406	38.913	ng/ul	98
87) Chrysene	21.486	228	1851088	35.939	ng/ul	99
89) Di-n-octyl phthalate	22.569	149	1603295	36.235	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	2210544	36.415	ng/ul	100
91) Benzo(k)fluoranthene	23.710	252	2117978	35.442	ng/ul#	99
93) Benzo(a)pyrene	24.510	252	1975824	36.006	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.333	276	2656704m	34.749	ng/ul	
95) Dibenzo(a,h)anthracene	28.374	278	2140983m	34.489	ng/ul	
96) Benzo(g,h,i)perylene	29.433	276	2033131m	35.011	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

E29X5MS

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/22/2024

