

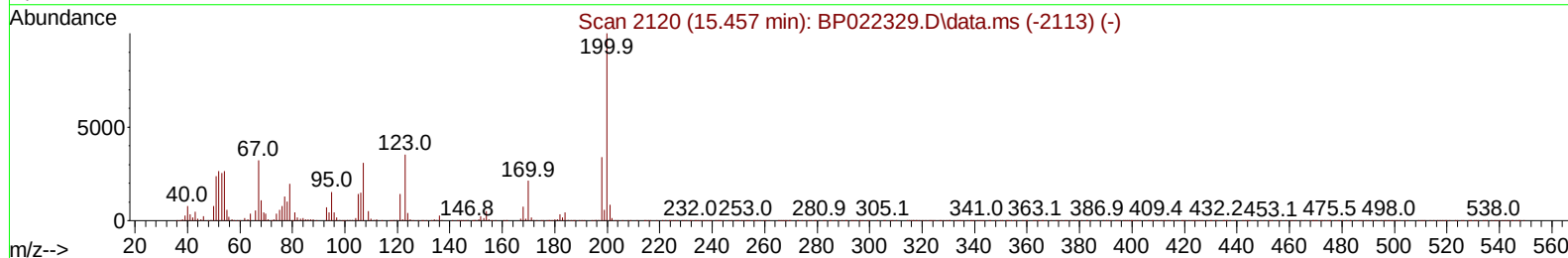
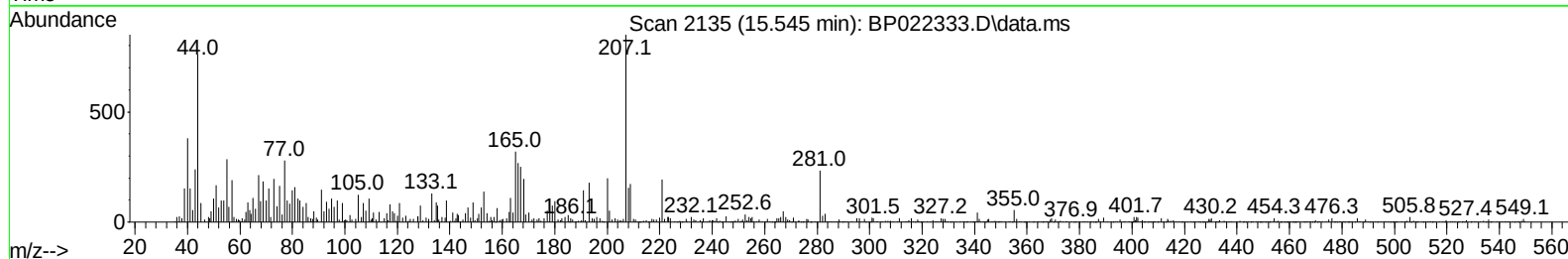
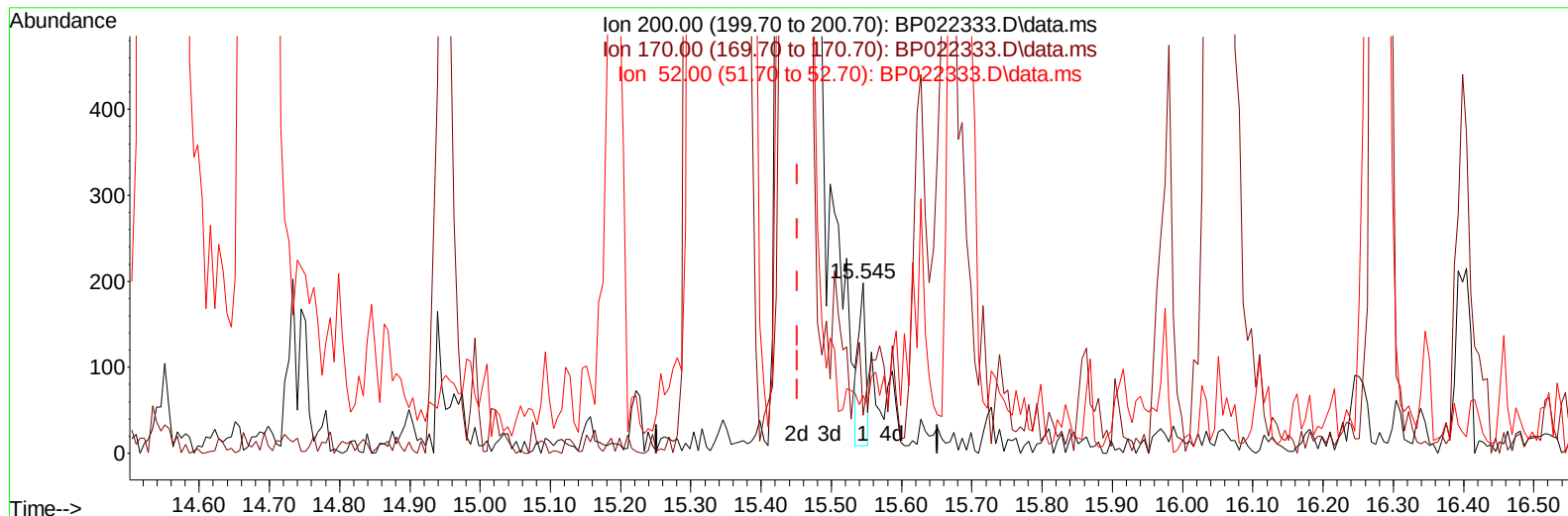
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

Manual IntegrationsAPPROVED

Quant Time: Oct 11 14:20:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



TIC: BP022333.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.545min (+ 0.094) 0.03 ng/u1

response 128

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	22.22
52.00	36.60	33.84
0.00	0.00	0.00

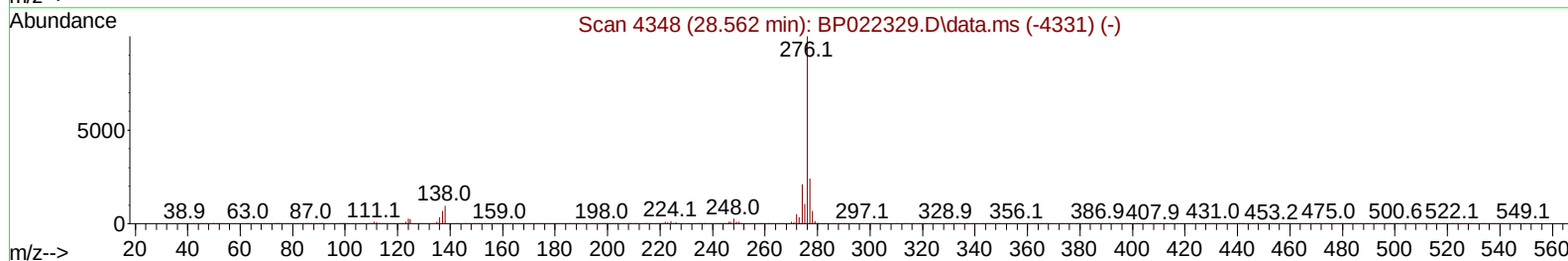
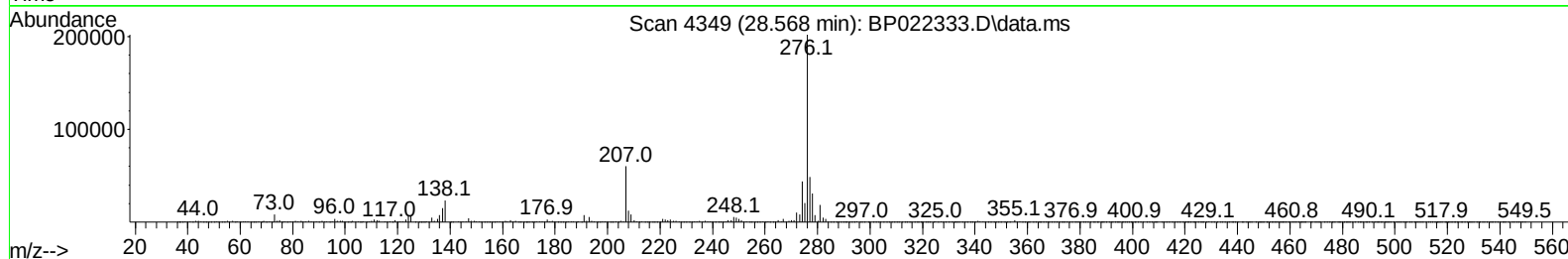
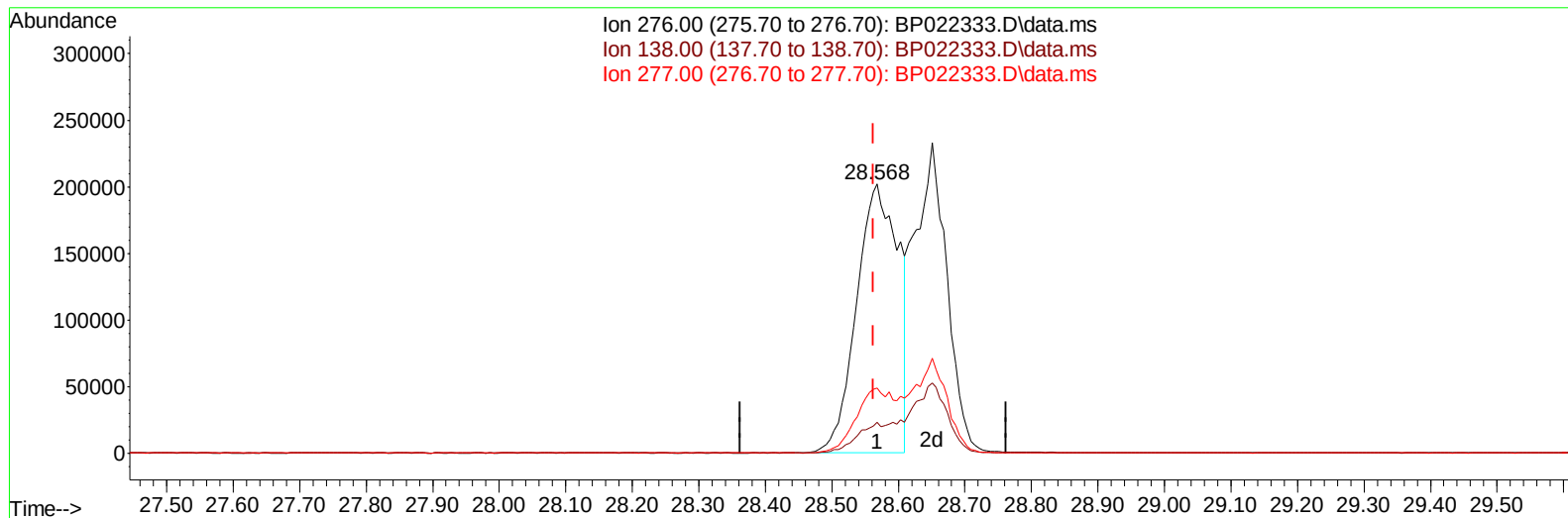
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(94) Indeno(1,2,3-cd)pyrene

28.568min (+ 0.006) 13.67 ng/ul

response 882553

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	11.58
277.00	23.20	24.10
0.00	0.00	0.00

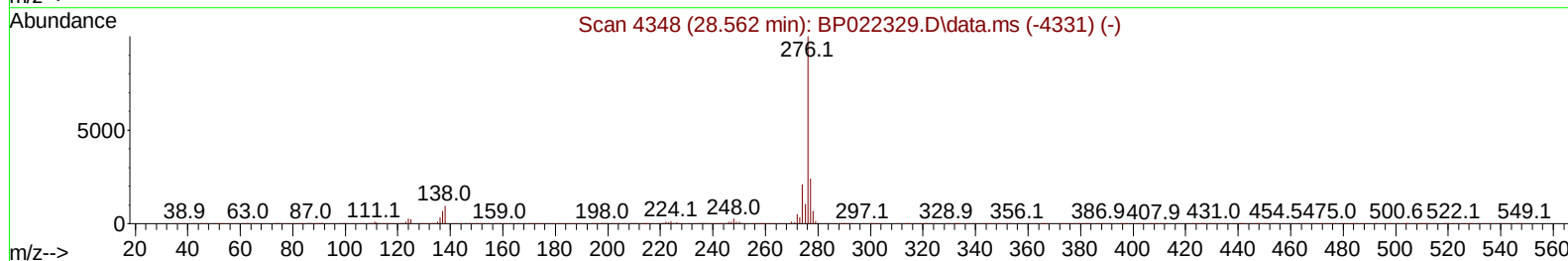
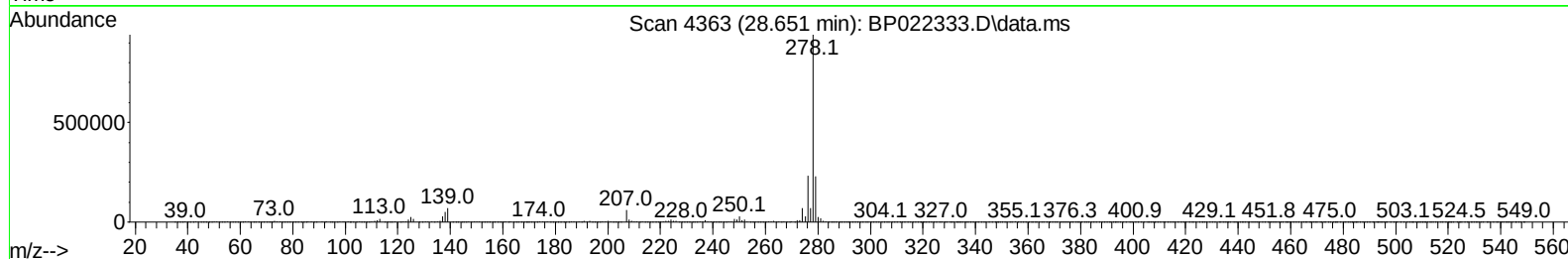
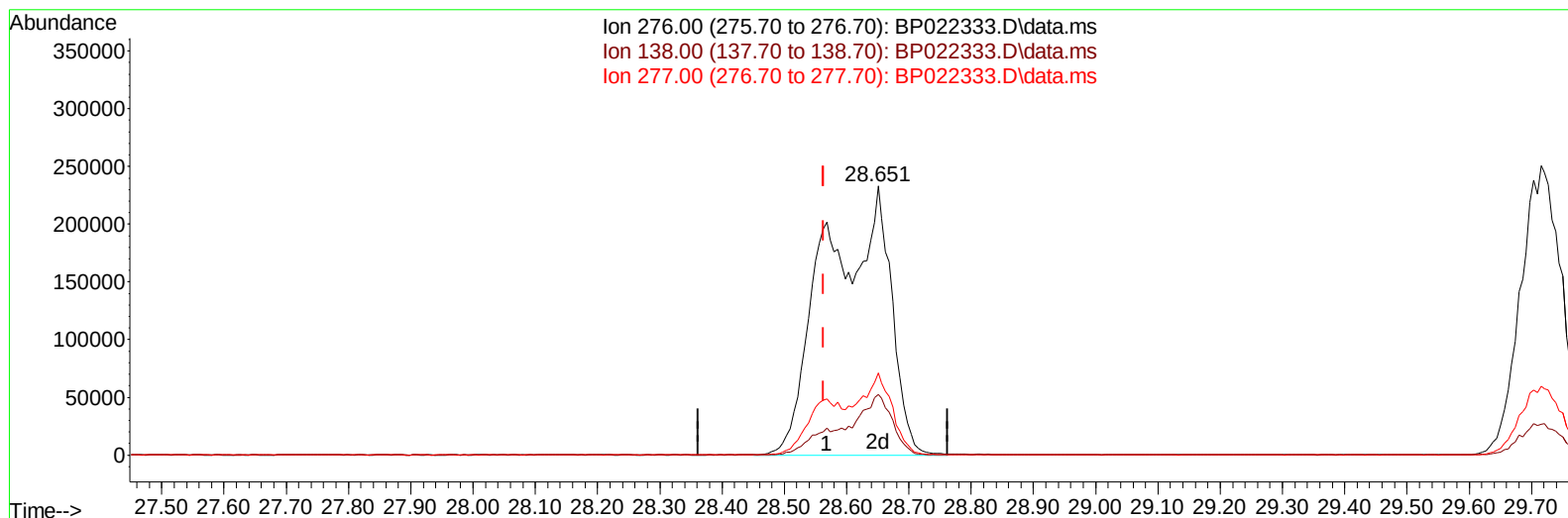
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Instrument :
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TIC: BP022333.D\data.ms

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

28.651min (+ 0.088) 25.90 ng/ul m

response 1671520

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	22.55#
277.00	23.20	30.66#
0.00	0.00	0.00

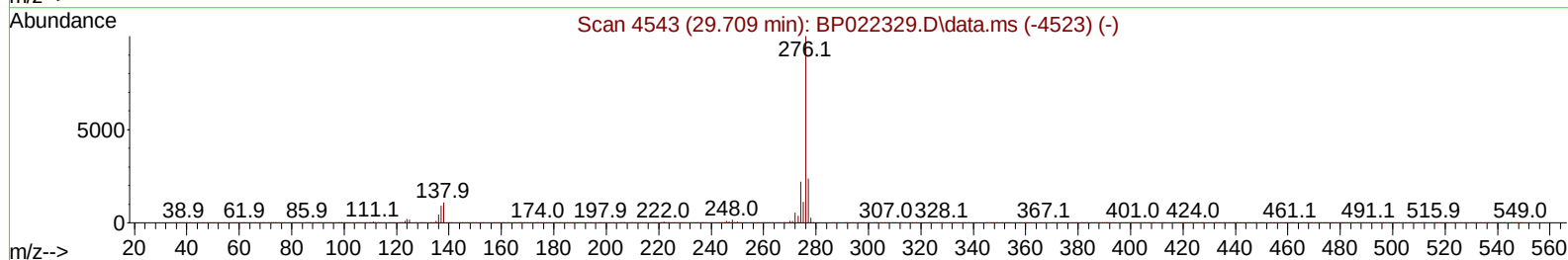
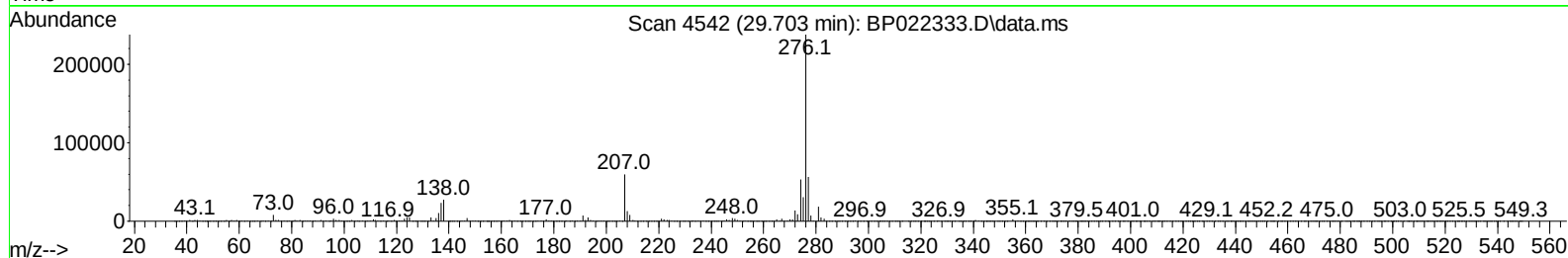
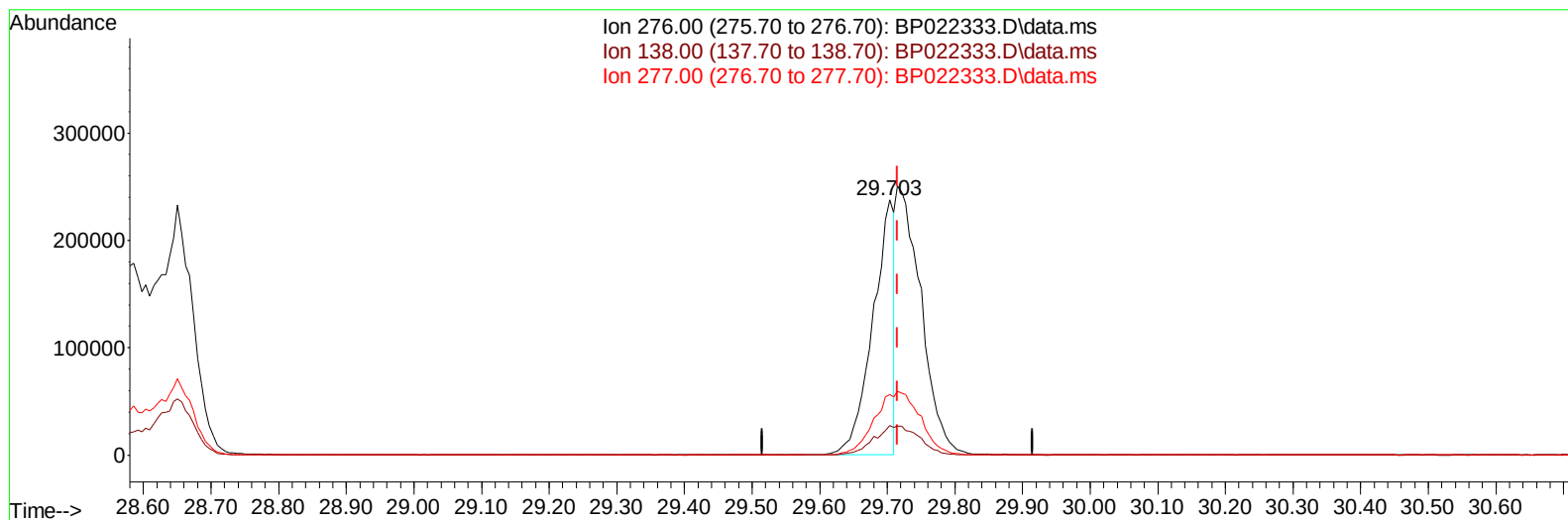
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TIC: BP022333.D\data.ms

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

29.703min (-0.012) 10.48 ng/u1

response 526287

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	11.56
277.00	23.70	23.77
0.00	0.00	0.00

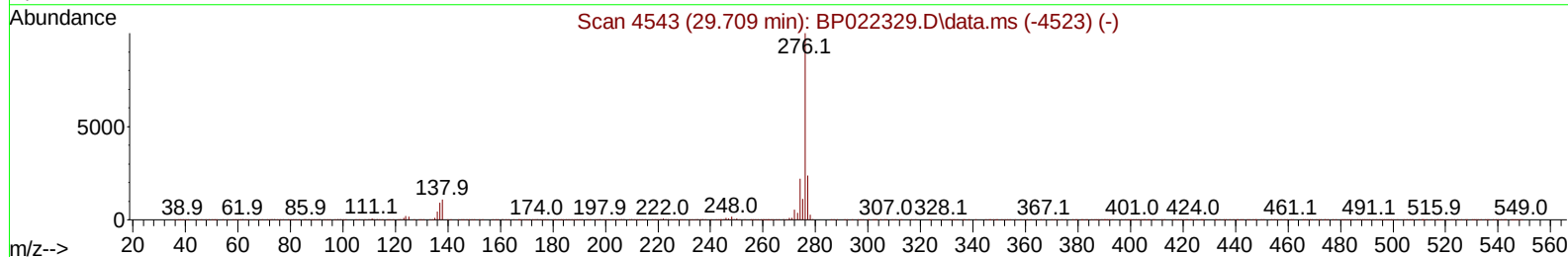
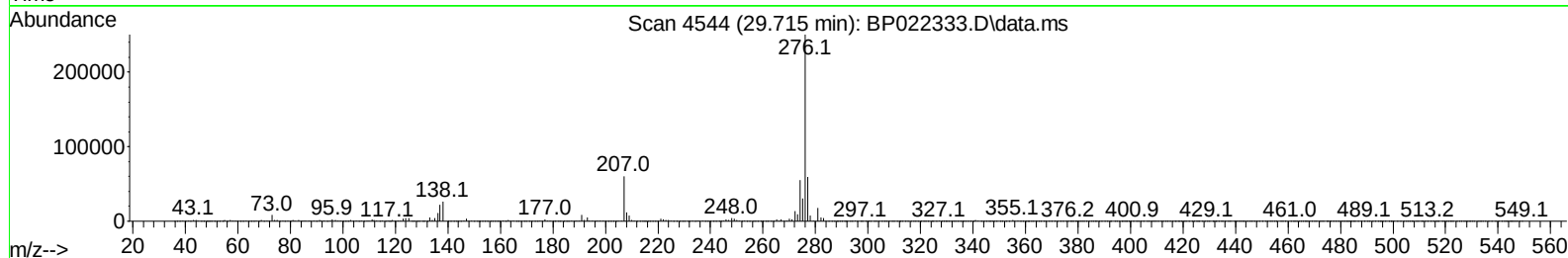
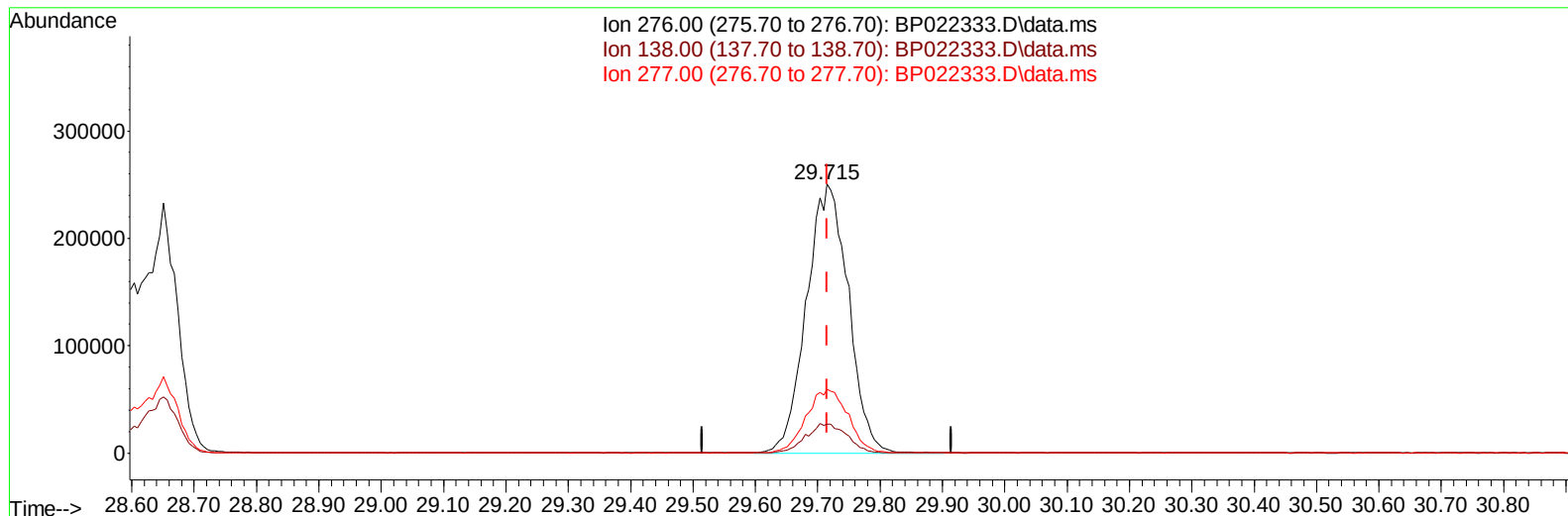
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Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
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TIC: BP022333.D\data.ms

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

29.715min (-0.000) 23.24 ng/ul m

response 1166562

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.65
277.00	23.70	23.75
0.00	0.00	0.00

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Instrument :
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 A4E73

Manual IntegrationsAPPROVED

Quant Time: Oct 11 14:23:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	82750	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	319111	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	253420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	620998	20.000	ng/ul	-0.01
79) Chrysene-d12	21.551	240	661278	20.000	ng/ul	0.01
88) Perylene-d12	24.827	264	834869	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	5799	2.723	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.893	99	138551	19.891	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	78926	19.278	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	104425	21.127	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	111358	20.032	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	51041	20.802	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	61848	21.772	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	146186	24.213	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	109264	15.316	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	438445	21.775	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	463674	21.682	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	69703	20.635	ng/ul	0.00
60) Fluorene-d10	15.316	176	401718	23.002	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	64921m	15.896	ng/ul	0.00
73) Anthracene-d10	17.210	188	699458	23.943	ng/ul	0.00
81) Pyrene-d10	19.586	212	864568	24.723	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	1062694	23.835	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.916	94	224948	31.040	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.134	93	948076	174.800	ng/ul	98
12) 2-Chlorophenol	7.275	128	416099	81.412	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.499	70	759016	163.242	ng/ul	95
19) Hexachloroethane	8.763	117	282743	118.784	ng/ul	94
22) Nitrobenzene	8.881	77	244333	33.360	ng/ul	97
23) Isophorone	9.410	82	1754323	133.595	ng/ul	98
25) 2-Nitrophenol	9.587	139	130422	42.601	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.875	93	1156724	155.136	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	556569	93.611	ng/ul	97
33) Hexachlorobutadiene	10.787	225	626947	125.112	ng/ul	100
35) 4-Chloro-3-methylphenol	11.740	107	233763	36.036	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	585105	46.897	ng/ul	95
41) 2,4,6-Trichlorophenol	12.734	196	878749	149.089	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	218336	34.789	ng/ul	98
48) 2,6-Dinitrotoluene	13.887	165	797540	210.159	ng/ul	96
50) Acenaphthylene	14.028	152	376359	16.957	ng/ul	99
52) Acenaphthene	14.375	153	1503675	95.808	ng/ul	100
55) 4-Nitrophenol	14.551	109	291956	77.876	ng/ul	94
57) 2,4-Dinitrotoluene	14.687	165	804937	136.499	ng/ul	96
61) Fluorene	15.375	166	2806823	146.120	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	515310	46.911	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	260322	34.762	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.398	284	1823671	197.840	ng/ul	97
71) Pentachlorophenol	16.757	266	1113524	187.874	ng/ul	97
72) Phenanthrene	17.145	178	1230031	37.022	ng/ul	100
74) Anthracene	17.251	178	1225354	36.958	ng/ul	99
78) Di-n-butylphthalate	18.116	149	4250001	130.925	ng/ul	100
80) Fluoranthene	19.245	202	5444692	135.434	ng/ul	97
82) Pyrene	19.616	202	2402436	55.756	ng/ul	98
83) Butylbenzylphthalate	20.569	149	511411	34.090	ng/ul	96
85) Benzo(a)anthracene	21.533	228	4760400	102.688	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	2964627	137.676	ng/ul	98
87) Chrysene	21.610	228	6859807	159.587	ng/ul	99
90) Benzo(b)fluoranthene	23.815	252	7228976	137.559	ng/ul#	99
93) Benzo(a)pyrene	24.686	252	1566364	32.385	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.651	276	1671520m	25.898	ng/ul	
95) Dibenzo(a,h)anthracene	28.651	278	3452344	66.055	ng/ul	98
96) Benzo(g,h,i)perylene	29.715	276	1166562m	23.237	ng/ul	

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

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