

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031807.D
 Acq On : 05 Jun 2024 19:45
 Operator : MA/JU
 Sample : P2591-06DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_N

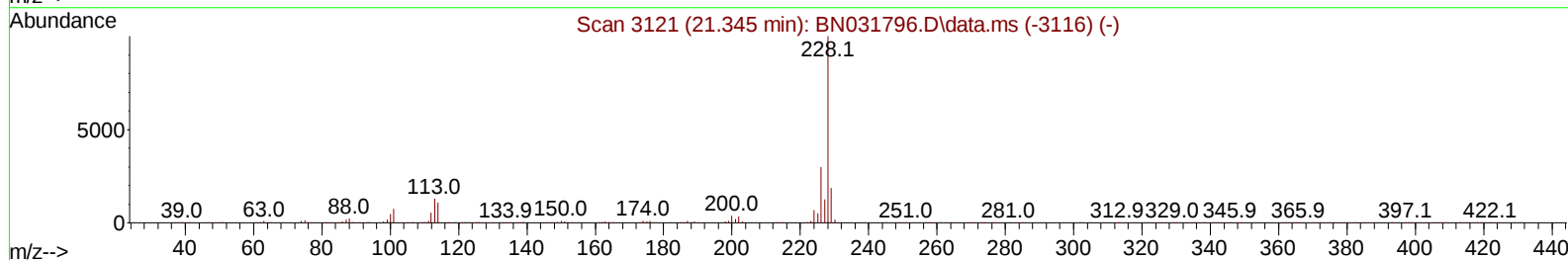
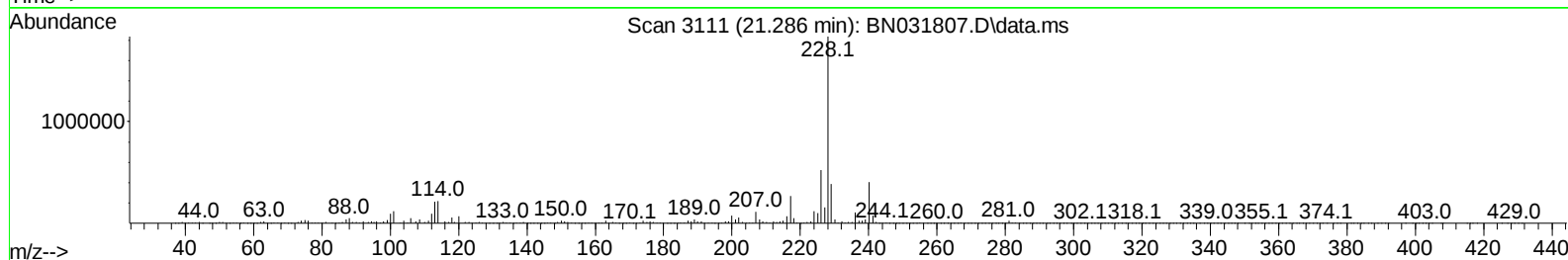
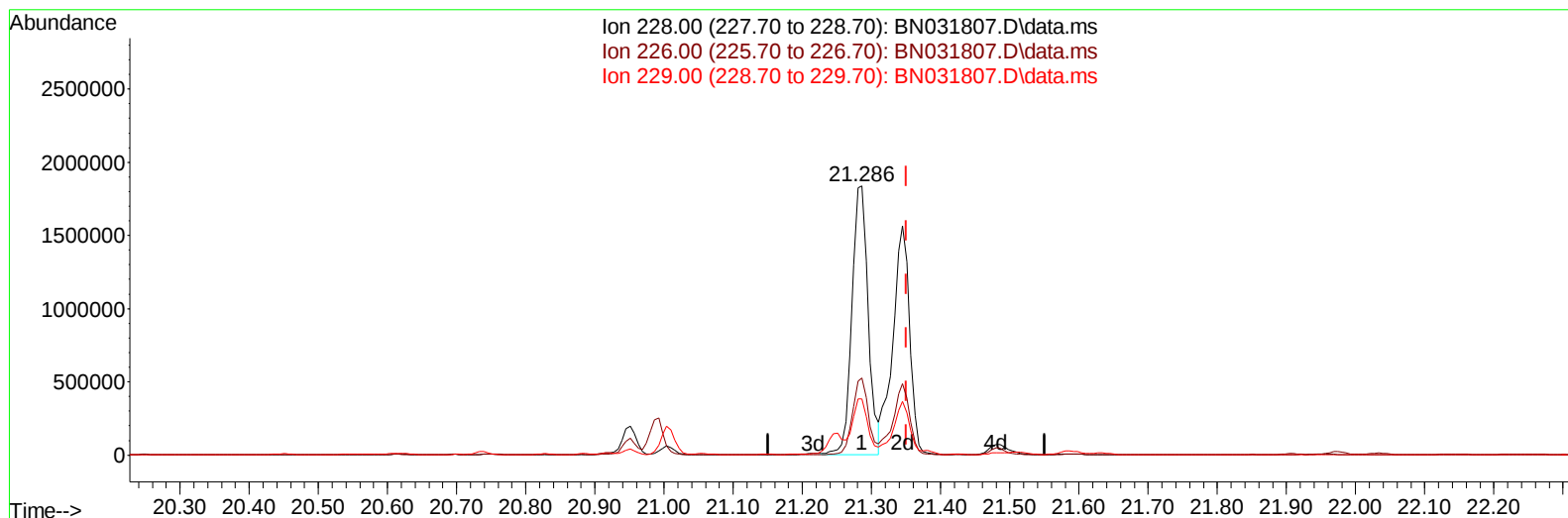
ClientSampleId :

BH5S9DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 00:00:57 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
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TIC: BN031807.D\data.ms

(87) Chrysene

21.286min (-0.065) 22.58 ng/u1

response 2986081

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.60	28.55
229.00	18.90	20.99
0.00	0.00	0.00

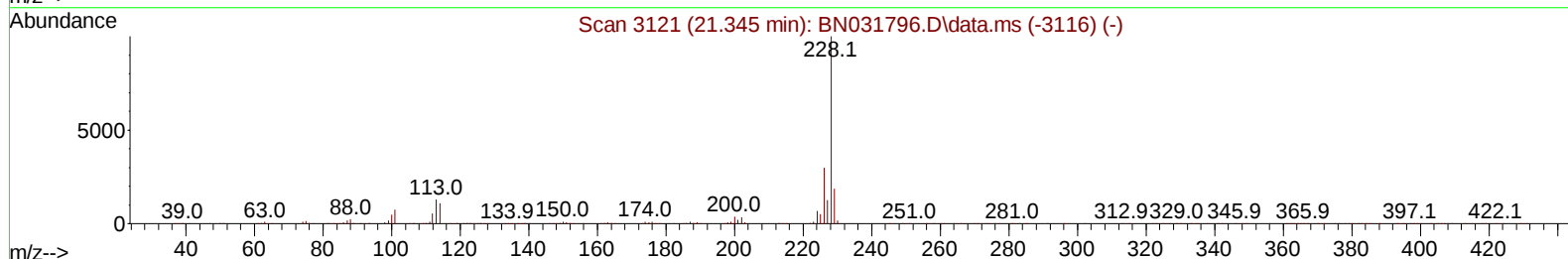
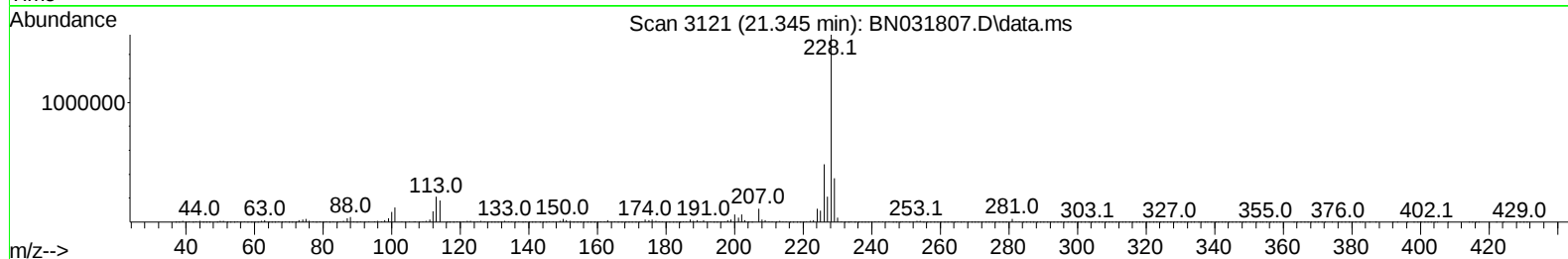
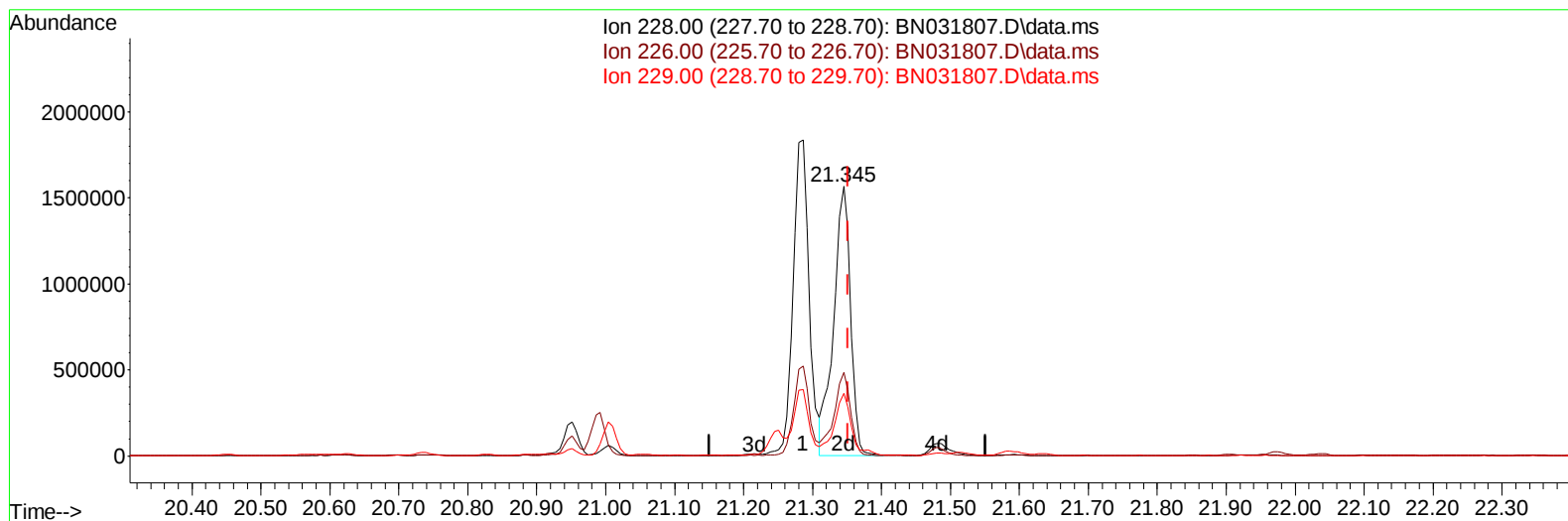
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 Supervised By :mohammad ahmed 06/07/2024



TIC: BN031807.D\data.ms

(87) Chrysene

21.345min (-0.006) 20.21 ng/ul m

response 2672151

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.60	31.03
229.00	18.90	23.28#
0.00	0.00	0.00

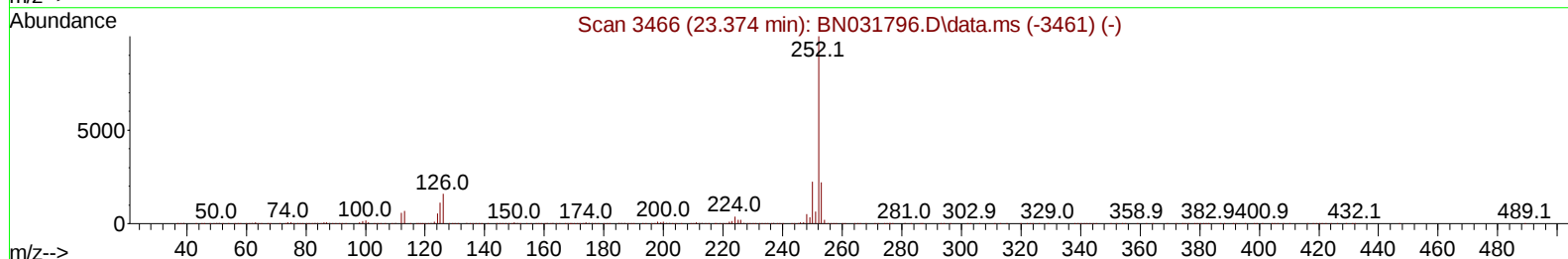
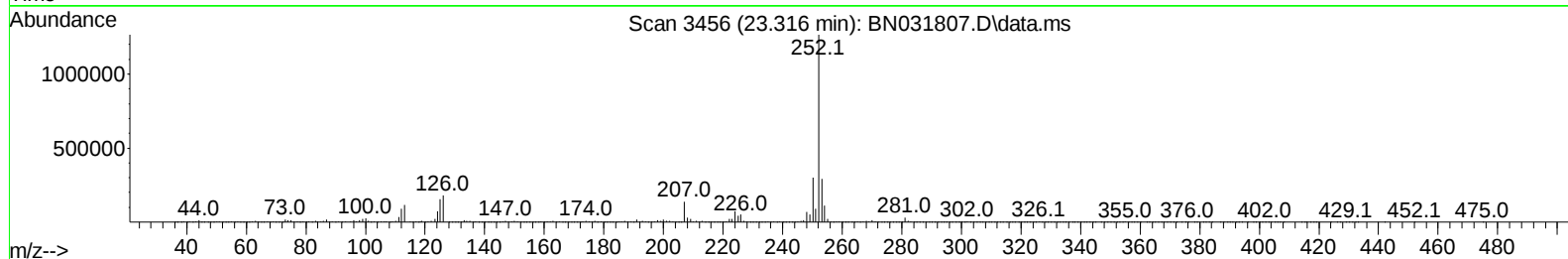
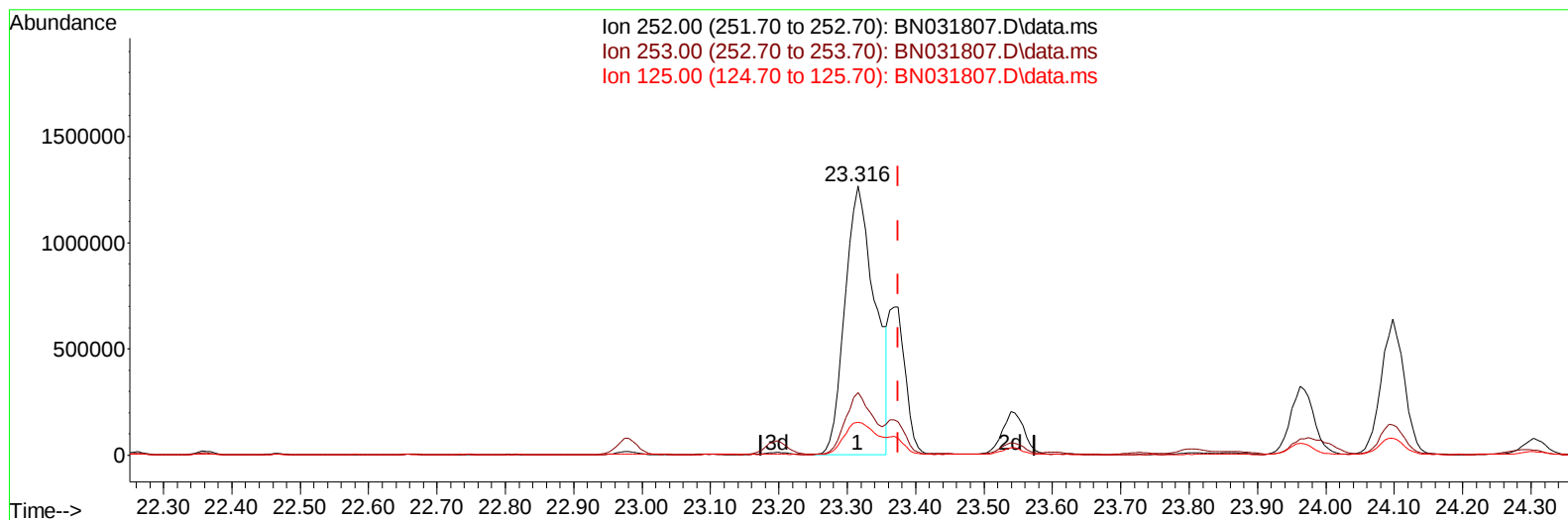
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(91) Benzo(k)fluoranthene

23.316min (-0.059) 26.67 ng/u1

response 3861128

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.21
125.00	11.80	12.28
0.00	0.00	0.00

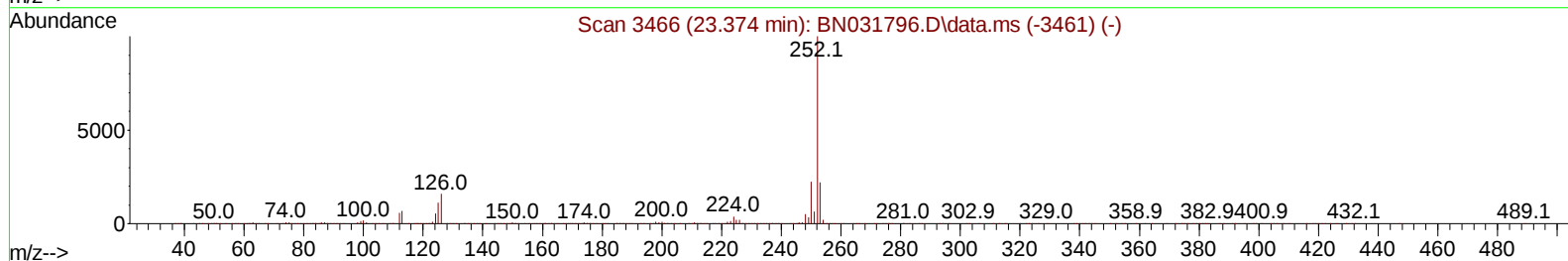
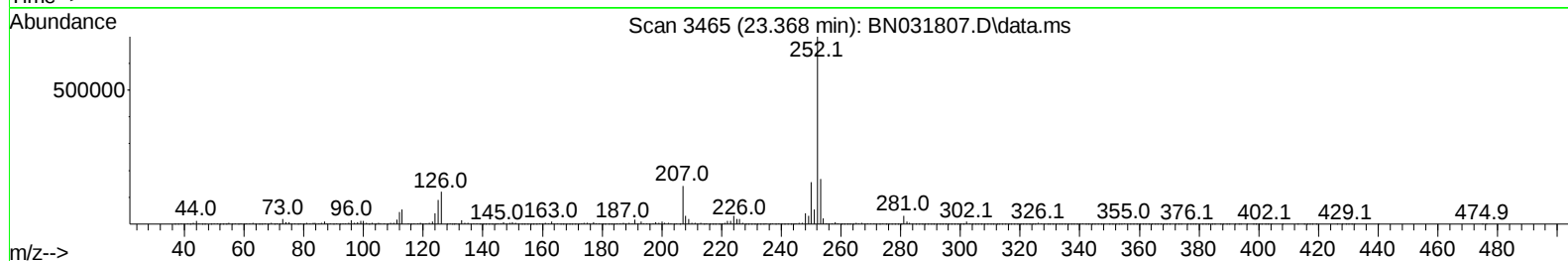
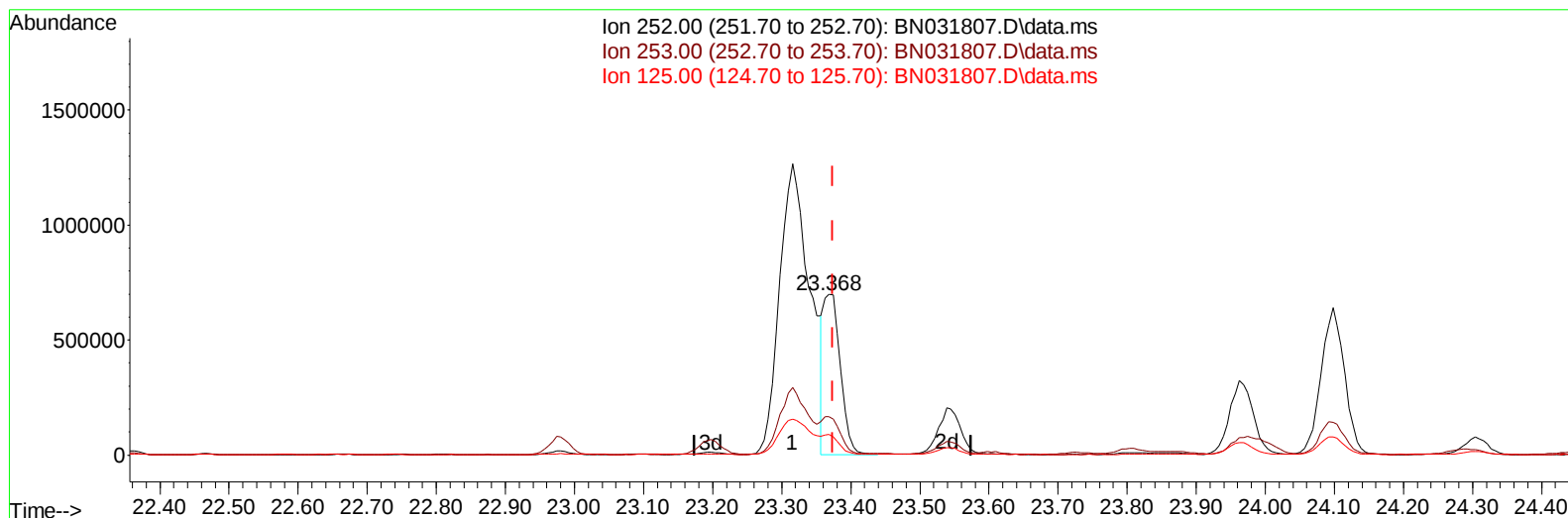
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TIC: BN031807.D\data.ms

(91) Benzo(k)fluoranthene

23.368min (-0.006) 8.06 ng/u1 m

response 1167551

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.94
125.00	11.80	12.76
0.00	0.00	0.00

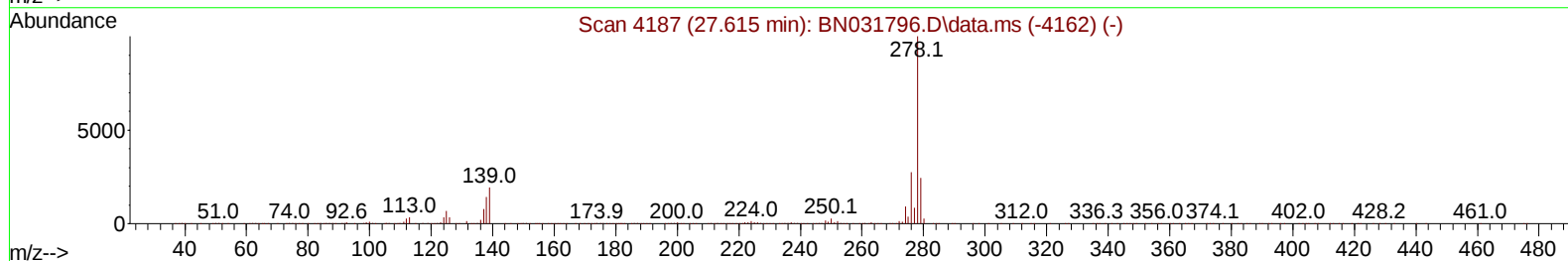
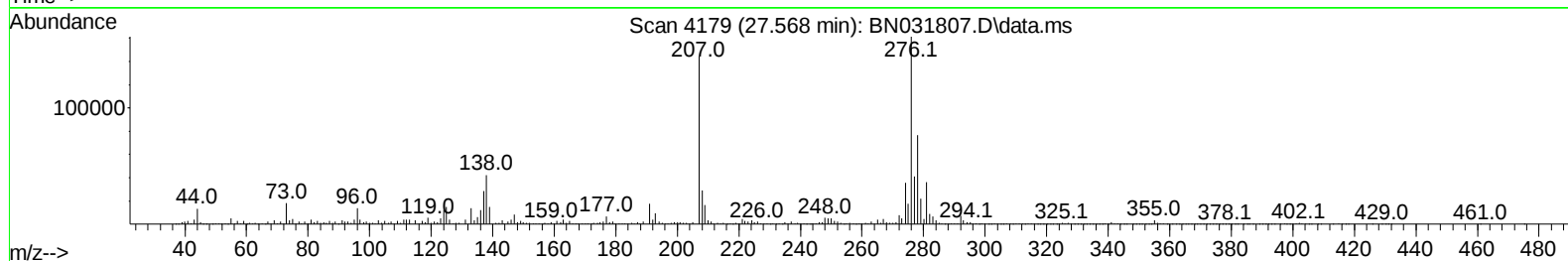
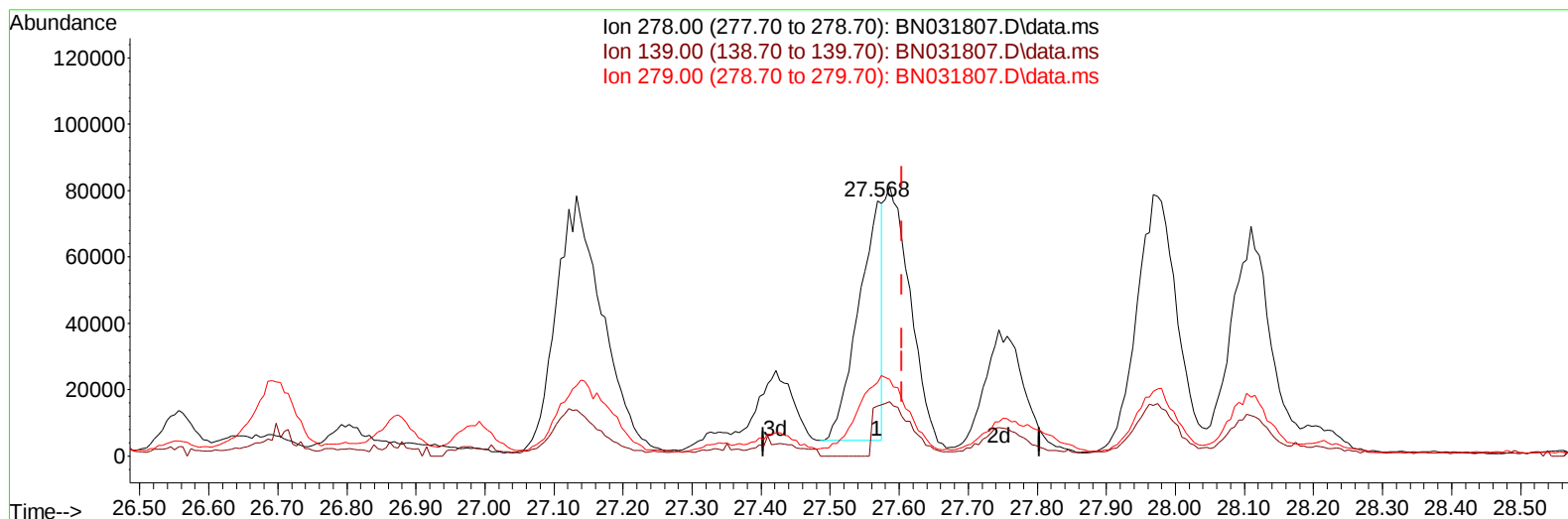
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TIC: BN031807.D\data.ms

(95) Dibenzo(a,h)anthracene

27.568min (-0.035) 1.34 ng/u1

response 173579

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	19.52
279.00	21.70	28.83#
0.00	0.00	0.00

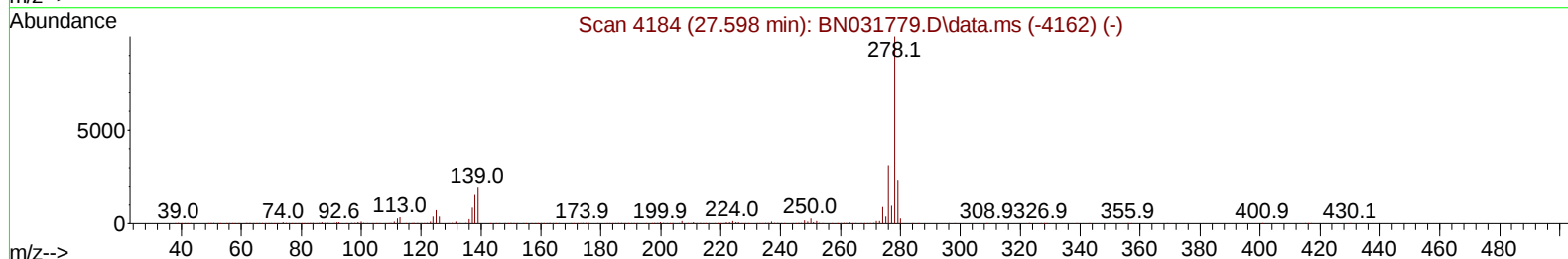
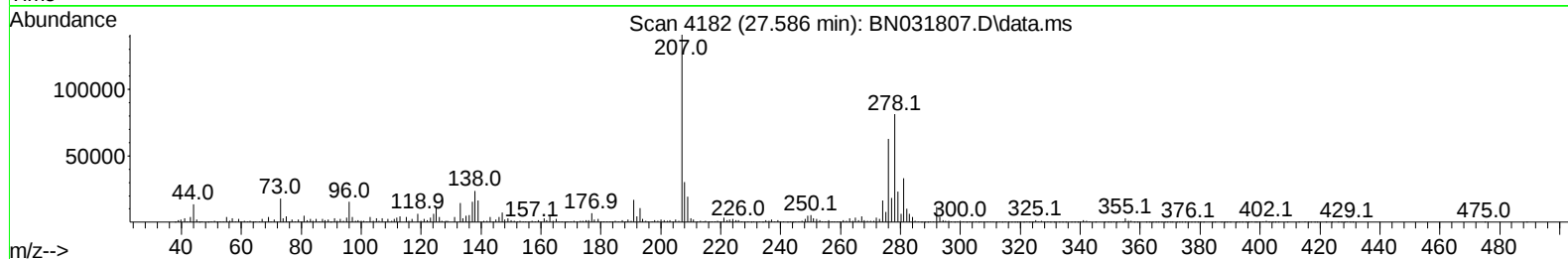
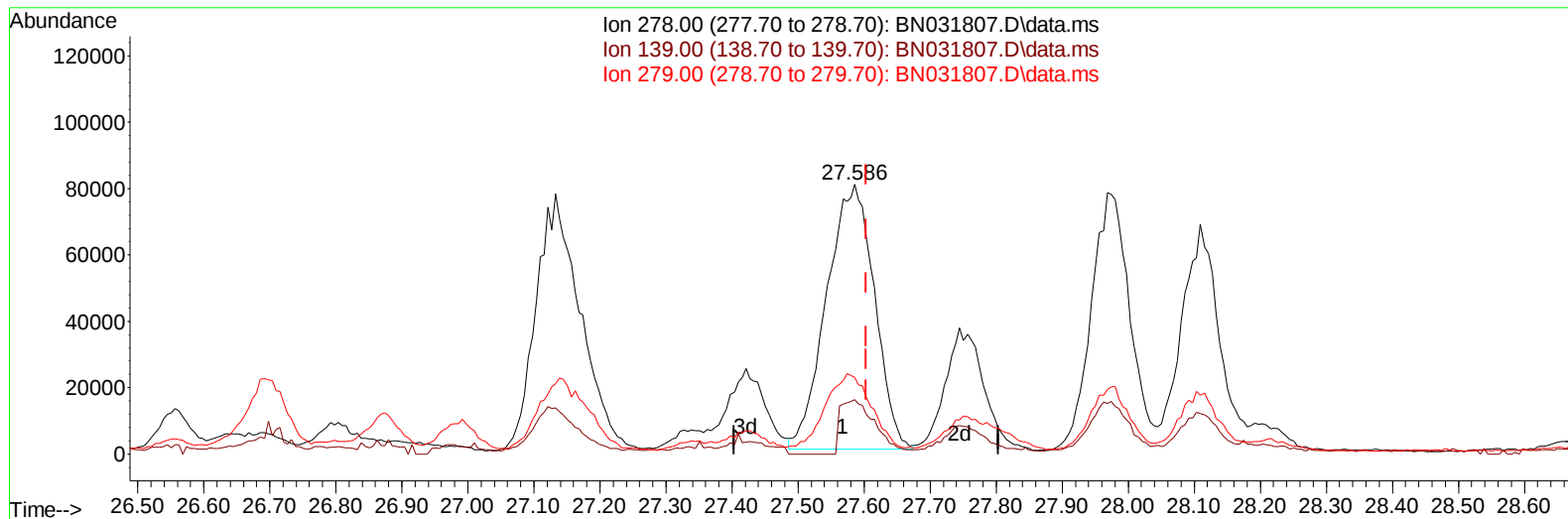
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/07/2024



TIC: BN031807.D\data.ms

(95) Dibenzo(a,h)anthracene

27.586min (-0.018) 3.08 ng/u1 m

response 400655

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	20.13
279.00	21.70	28.47#
0.00	0.00	0.00

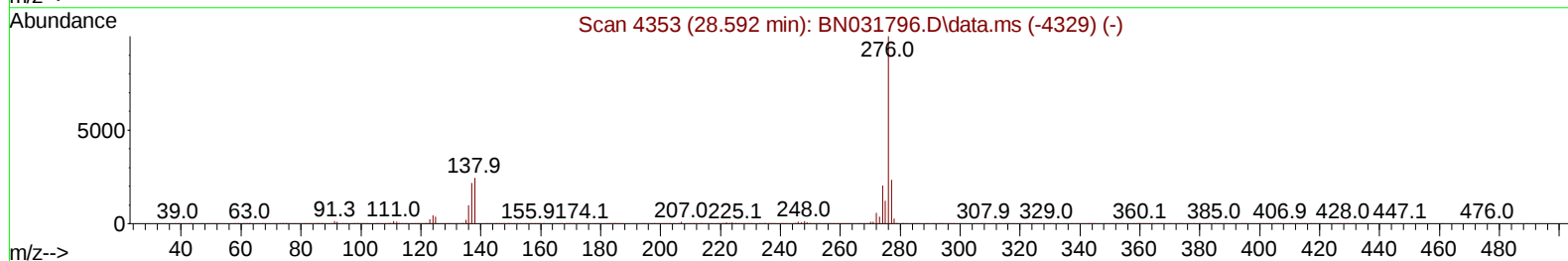
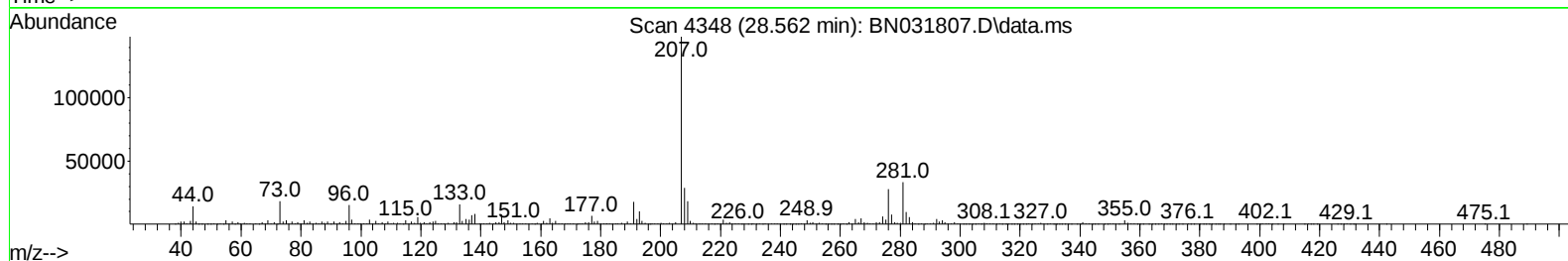
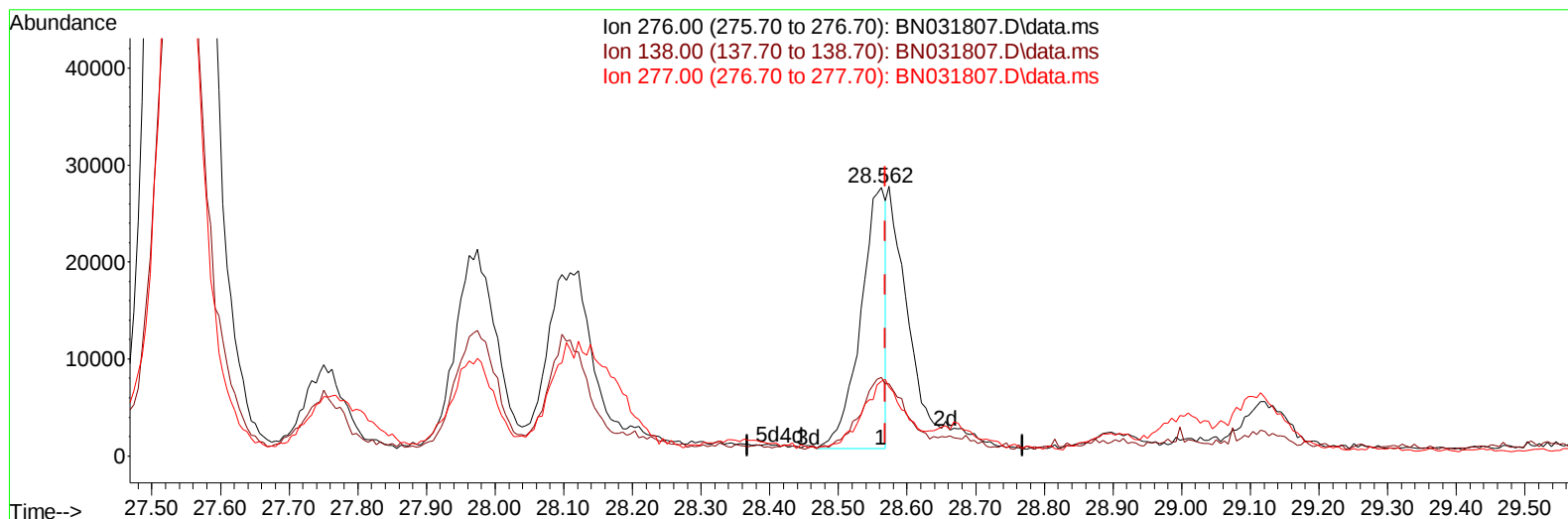
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Instrument :
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Supervised By :mohammad ahmed 06/07/2024



TIC: BN031807.D\data.ms

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

28.562min (-0.006) 0.54 ng/u1

response 68416

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	29.25
277.00	22.50	27.89#
0.00	0.00	0.00

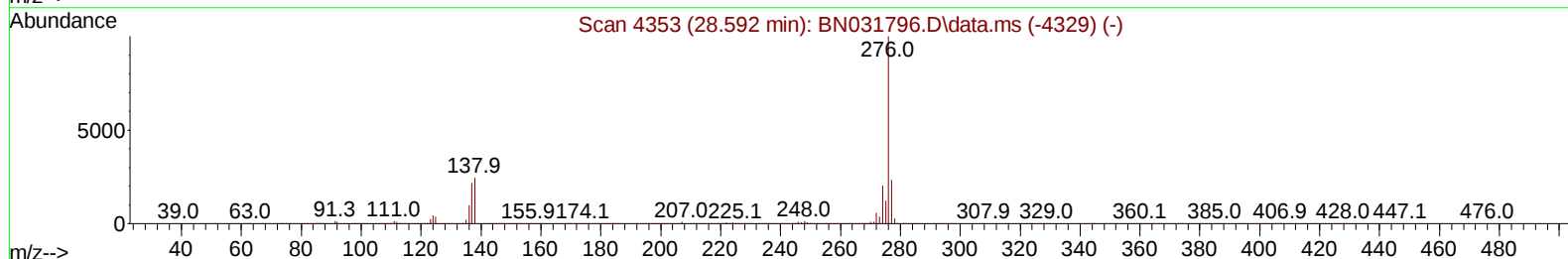
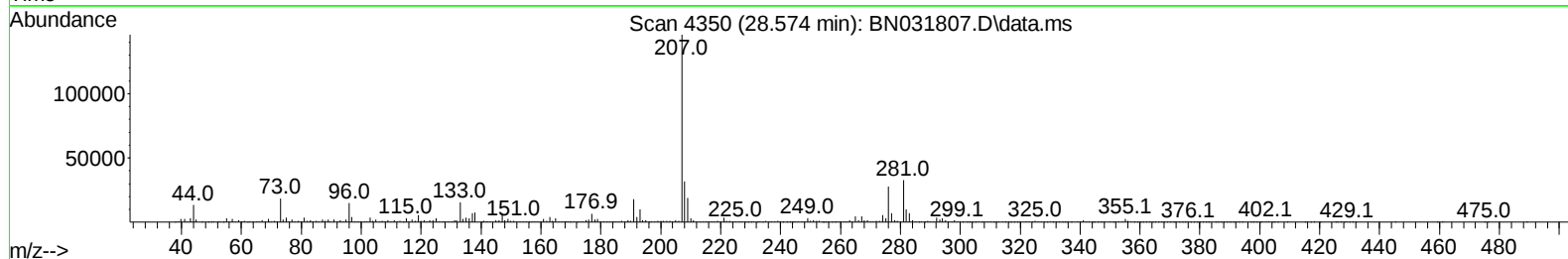
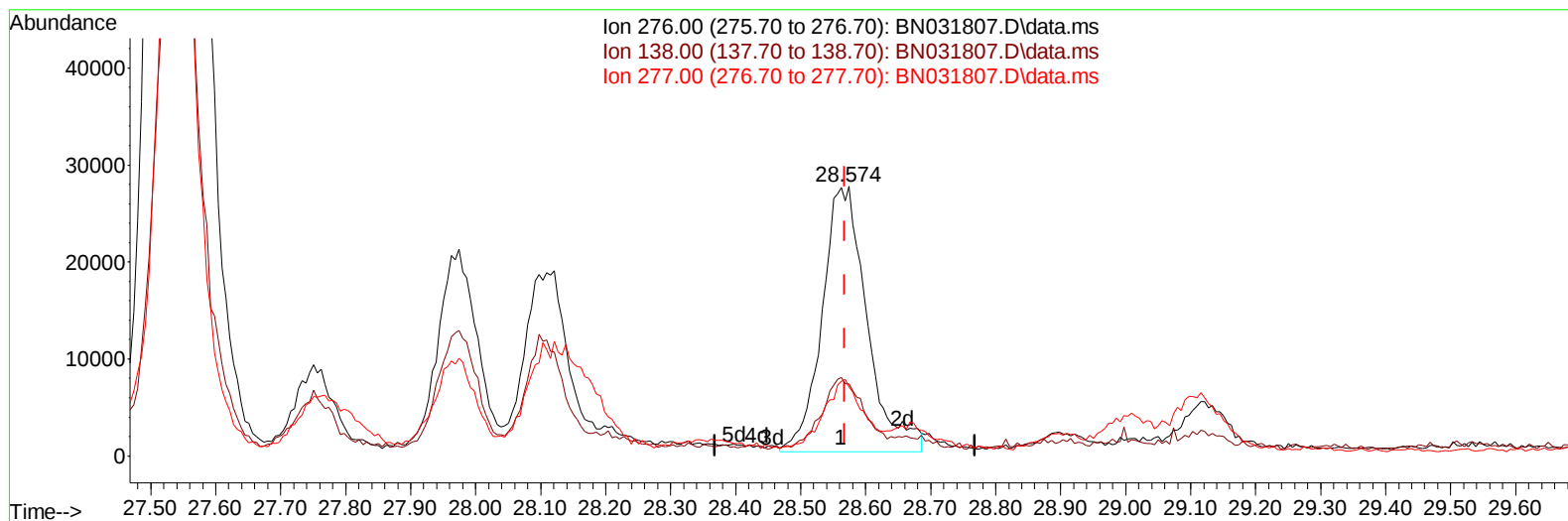
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Supervised By :mohammad ahmed 06/07/2024



TIC: BN031807.D\data.ms

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

28.574min (+ 0.006) 1.04 ng/u1 m

response 131450

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	26.70
277.00	22.50	25.51
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152		323264	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136		1521342	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164		1011946	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188		2153824	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240		2115150	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264		2468642	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.187	96		2664	0.341	ng/uL	0.00
4) Pyridine-d5	3.605	84		17026	0.774	ng/ul	0.00
7) Phenol-d5	6.846	99		75223	2.714	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67		40008	2.468	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132		57008	2.696	ng/ul	-0.01
15) 4-Methylphenol-d8	8.381	113		58568	2.593	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128		28987	2.492	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143		28915	2.406	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165		57007	2.541	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131		45709	1.372	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166		191743	2.720	ng/ul	-0.02
49) Acenaphthylene-d8	14.010	160		215293	2.656	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143		27435	1.944	ng/ul	0.00
60) Fluorene-d10	15.310	176		173391	2.907	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200		0d	0.000	ng/ul	
73) Anthracene-d10	17.163	188		261905	2.840	ng/ul	0.00
81) Pyrene-d10	19.463	212		297645	2.630	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264		231980	1.968	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.504	128		138914	1.764	ng/ul	99
36) 2-Methylnaphthalene	12.122	142		75055	1.395	ng/ul	96
52) Acenaphthene	14.381	153		124050	2.046	ng/ul	98
56) Dibenzofuran	14.716	168		199906	2.427	ng/ul	100
61) Fluorene	15.369	166		147627	2.226	ng/ul	95
72) Phenanthrene	17.110	178		3804442	34.675	ng/ul	99
74) Anthracene	17.198	178		788549	7.093	ng/ul	99
77) Carbazole	17.469	167		511354	5.394	ng/ul	99
80) Fluoranthene	19.127	202		5839252	43.168	ng/ul	99
82) Pyrene	19.492	202		4217661	30.390	ng/ul	99
85) Benzo(a)anthracene	21.286	228		2994311	21.150	ng/ul	100
87) Chrysene	21.345	228		2672151m	20.207	ng/ul	
90) Benzo(b)fluoranthene	23.316	252		3861128	26.167	ng/ul	97
91) Benzo(k)fluoranthene	23.368	252		1167551m	8.064	ng/ul	
93) Benzo(a)pyrene	24.098	252		1508429	10.915	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.533	276		1090300	6.846	ng/ul	99
95) Dibenzo(a,h)anthracene	27.586	278		400655m	3.082	ng/ul	
96) Benzo(g,h,i)perylene	28.574	276		131450m	1.038	ng/ul	

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

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