

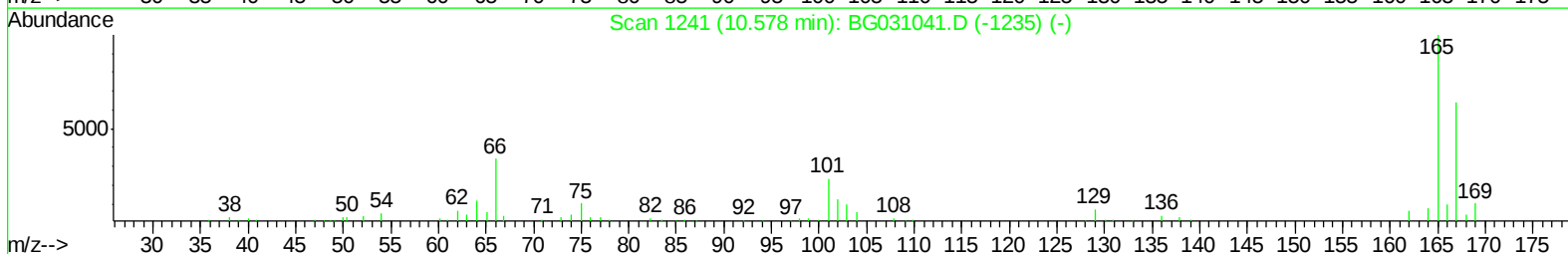
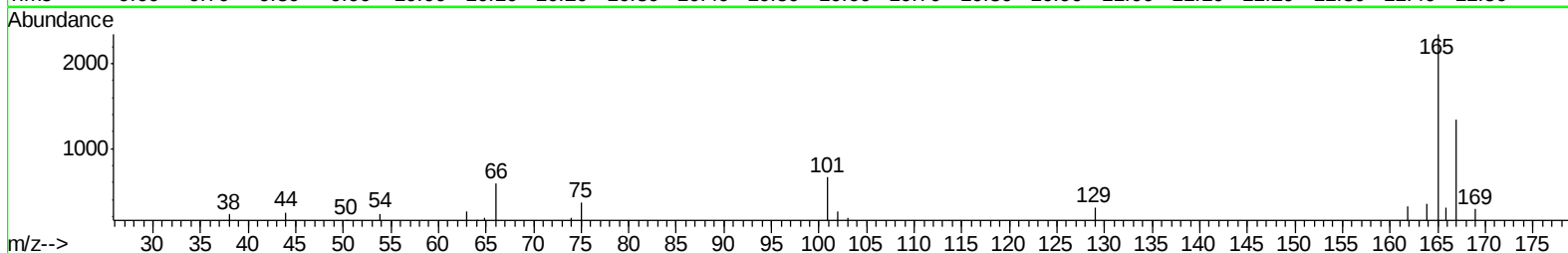
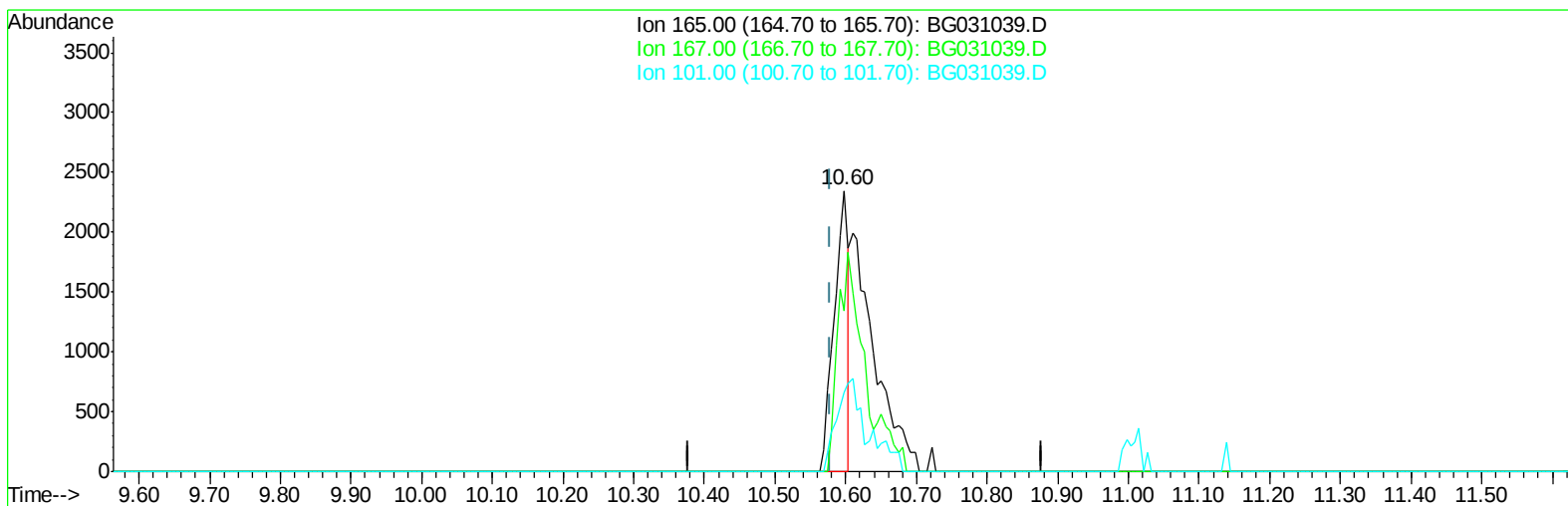
Data Path : Z:\HPCHEM1\BNA_G\Data\BG111617\
Data File : BG031039.D
Acq On : 16 Nov 2017 11:50
Operator : SJ/JU
Sample : SSTD00554
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00554

Manual Integrations
APPROVED

SOHIL
11/17/2017 5:12:40 PM

Quant Time: Nov 16 13:49:36 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 16 13:46:07 2017
Response via : Initial Calibration



TIC: BG031039.D

(3) 2,4-Dichlorophenol-d3 (S)

10.598min (+0.020) 2.58ng/uL

response 3370

Ion	Exp%	Act%
165.00	100	100
167.00	62.20	57.25
101.00	30.70	28.03
0.00	0.00	0.00

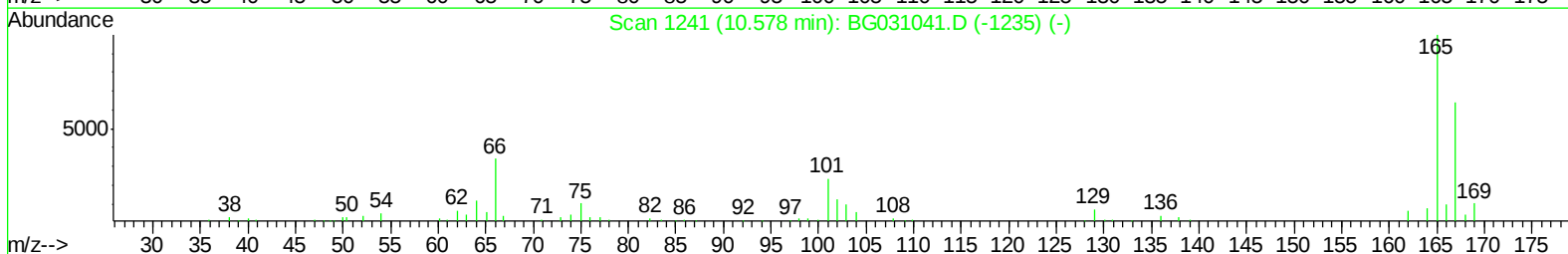
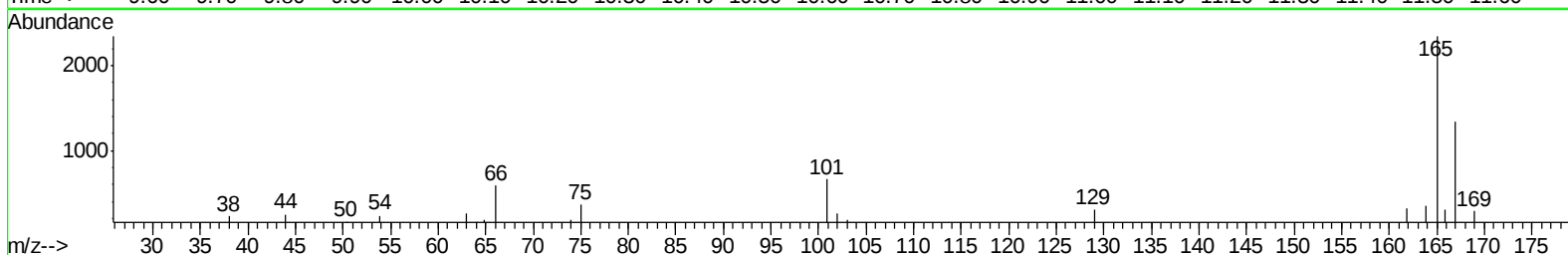
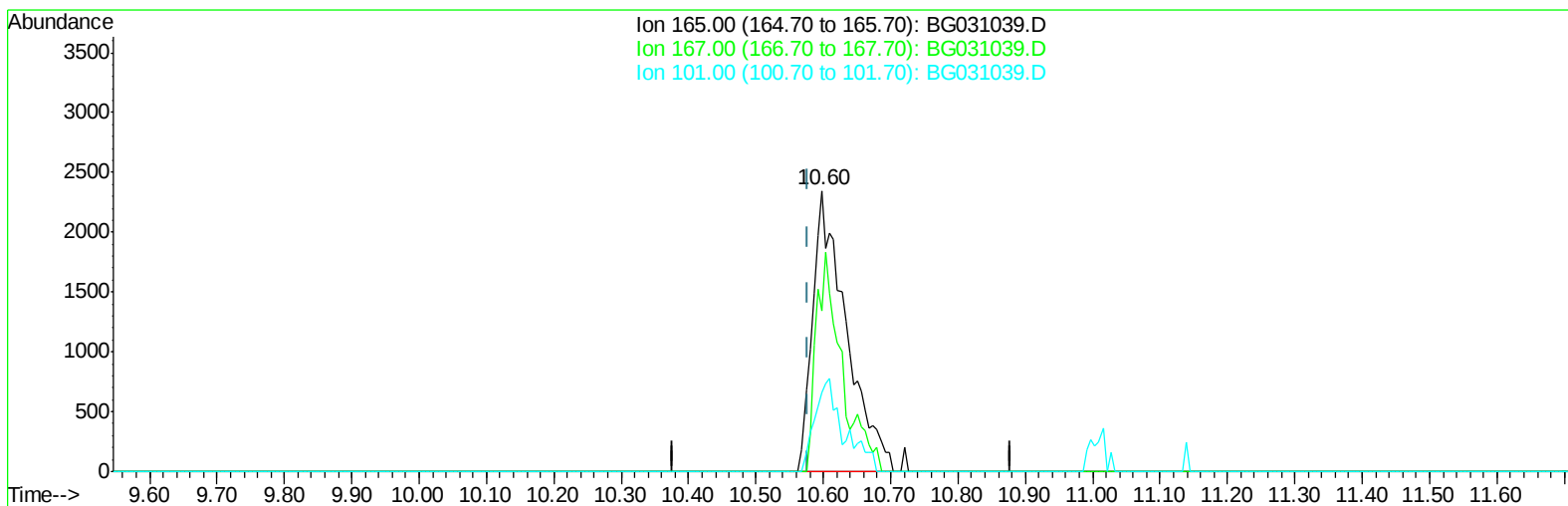
Data Path : Z:\HPCHEM1\BNA_G\Data\BG111617\
Data File : BG031039.D
Acq On : 16 Nov 2017 11:50
Operator : SJ/JU
Sample : SST00554
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00554

Manual Integrations
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TIC: BG031039.D

(3) 2,4-DichlorophenoI-d3 (S)

10.598min (+0.020) 6.23ng/uL m

response 8140

Ion	Exp%	Act%
165.00	100	100
167.00	62.20	57.25
101.00	30.70	28.03
0.00	0.00	0.00

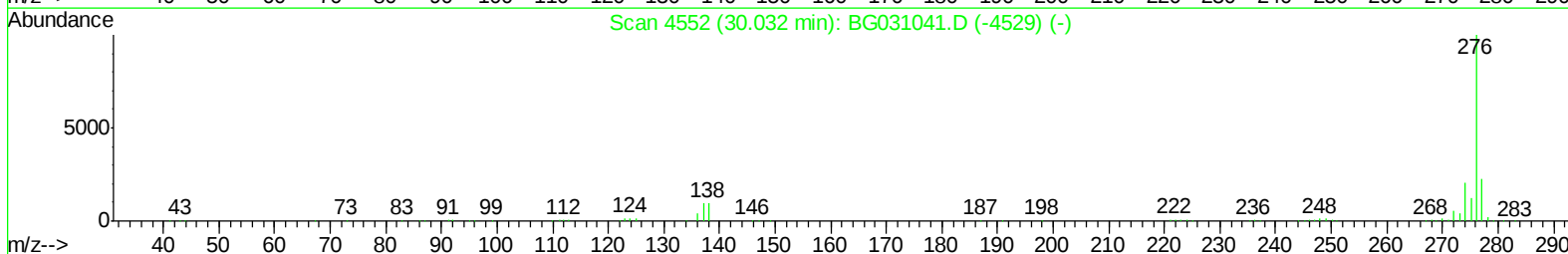
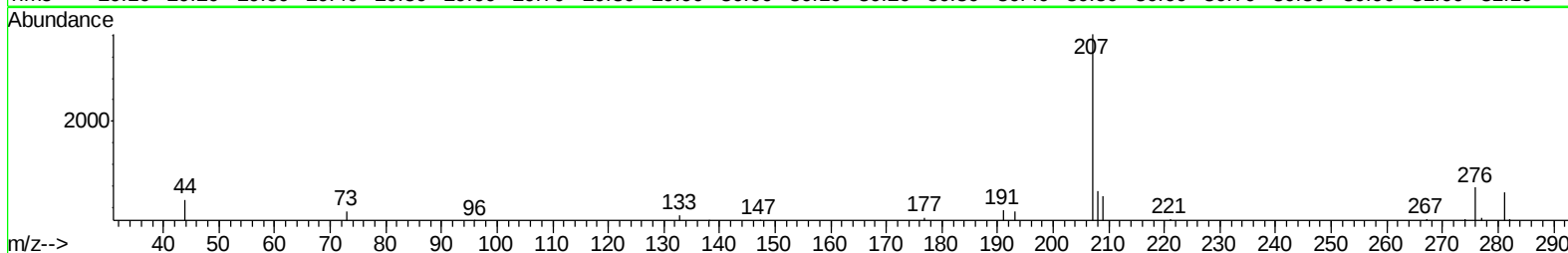
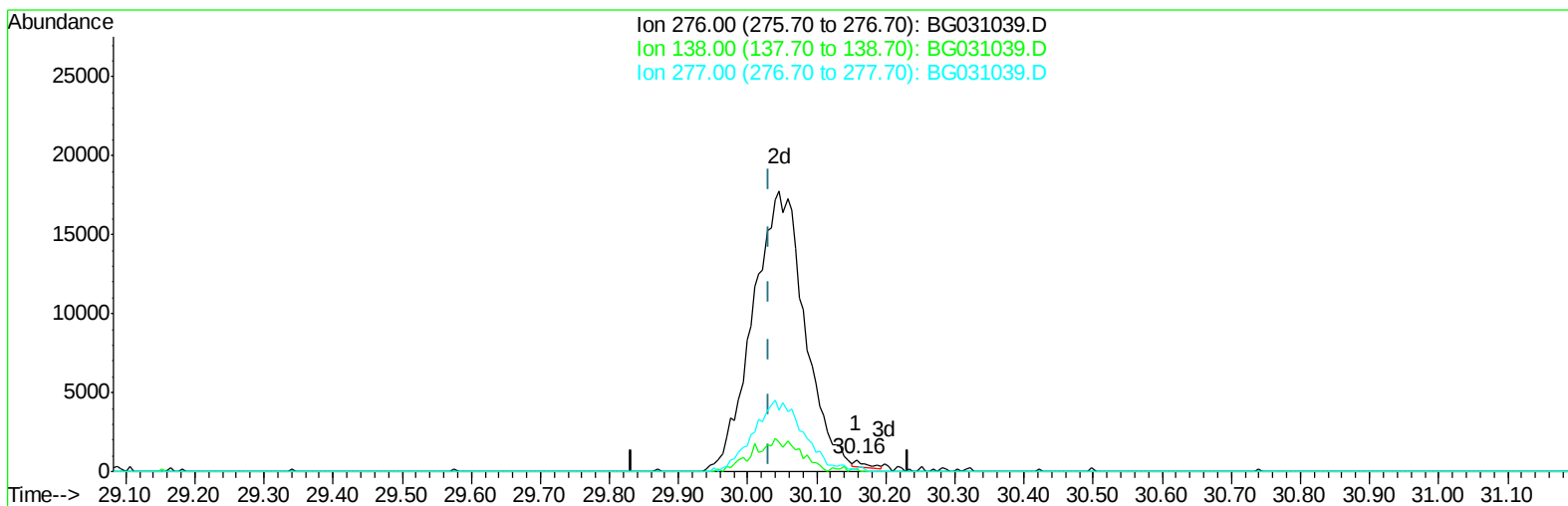
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TIC: BG031039.D

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

30.157min (+0.125) 0.03ng/ul

response 581

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	21.77
277.00	24.60	25.68
0.00	0.00	0.00

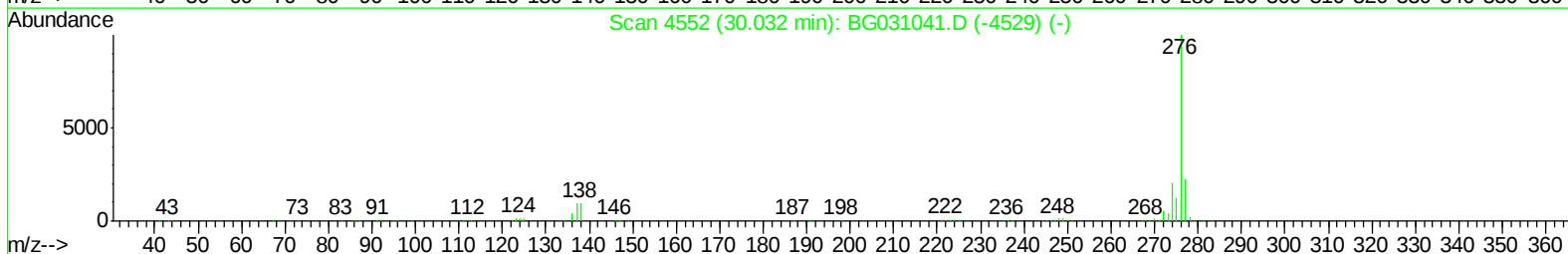
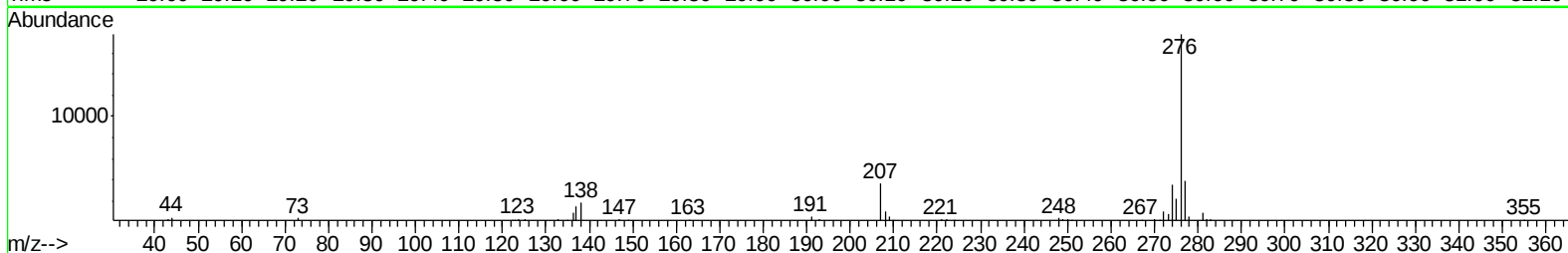
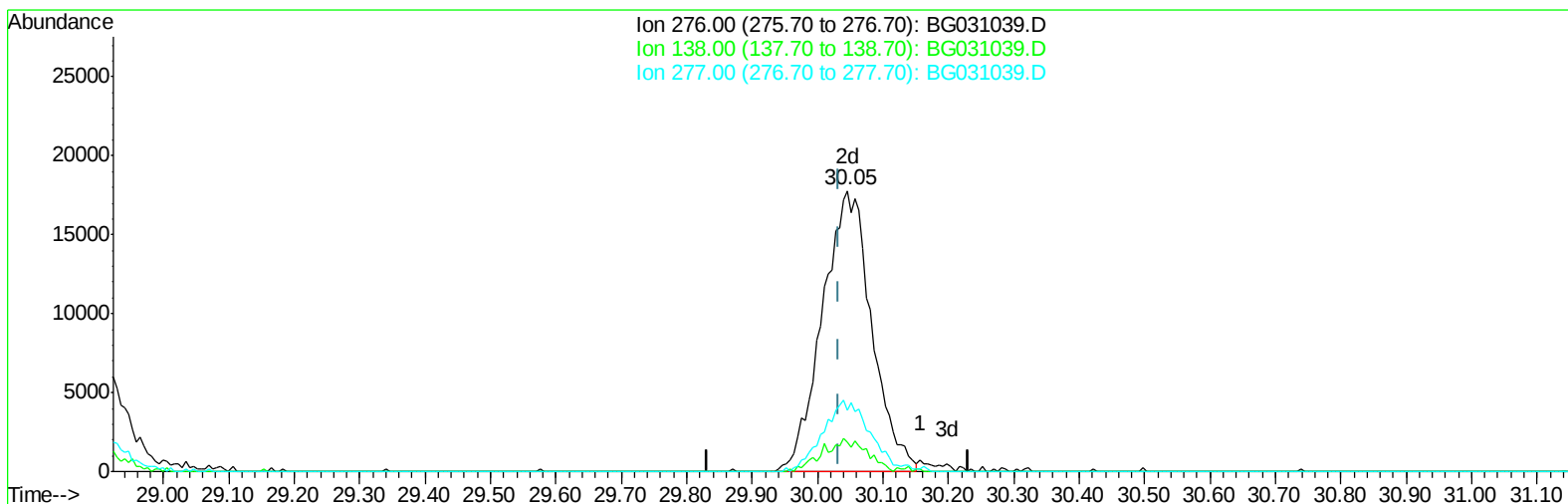
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TIC: BG031039.D

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

30.046min (+0.014) 4.96ng/ul m

response 93357

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	10.30#
277.00	24.60	21.97
0.00	0.00	0.00

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Manual Integrations
 APPROVED

SOHIL
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Quant Time: Nov 16 13:51:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 16 13:46:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	22739	20.00	ng/ul	0.00
2) Naphthalene-d8	10.96	136	93787	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	74867	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	214240	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	350569	20.00	ng/ul	0.00
23) Perylene-d12	25.07	264	355528	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.60	165	8140m	6.23	ng/uL	0.02
7) Acenaphthylene-d8	14.45	160	37653	5.05	ng/ul	0.00
10) Fluorene-d10	15.74	176	30256	5.93	ng/ul	0.00
15) Anthracene-d10	17.60	188	56219	5.44	ng/ul	0.00
19) Pyrene-d10	19.88	212	77082	4.00	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	87463	5.95	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	11.00	128	22984	5.006	ng/ul	95
5) 2-Methylnaphthalene	12.60	142	18277	5.260	ng/ul	94
8) Acenaphthylene	14.48	152	33455	4.580	ng/ul#	97
9) Acenaphthene	14.82	153	24650	4.956	ng/ul	98
11) Fluorene	15.80	166	31687	5.563	ng/ul	89
14) Phenanthrene	17.54	178	60673	5.154	ng/ul	96
16) Anthracene	17.63	178	60169	4.906	ng/ul	99
20) Pyrene	19.90	202	91910	3.836	ng/ul#	82
21) Benzo(a)anthracene	21.75	228	107927	5.274	ng/ul	99
22) Chrysene	21.82	228	105559	5.695	ng/ul	96
24) Benzo(b)fluoranthene	24.02	252	105777	5.584	ng/ul#	88
25) Benzo(k)fluoranthene	24.09	252	108660	5.927	ng/ul#	93
27) Benzo(a)pyrene	24.92	252	102010	5.694	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	28.86	276	113885	4.825	ng/ul#	88
29) Dibenzo(a,h)anthracene	28.91	278	91841	4.650	ng/ul#	91
30) Benzo(g,h,i)perylene	30.05	276	93357m	4.962	ng/ul	

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

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