

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035614.D
Acq On : 16 Dec 2024 13:26
Operator : RC/JU
Sample : SST0.244
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

Manual IntegrationsAPPROVED

Quant Time: Dec 16 14:43:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 14:42:43 2024
Response via : Initial Calibration

Reviewed By :Yogesh

Patel

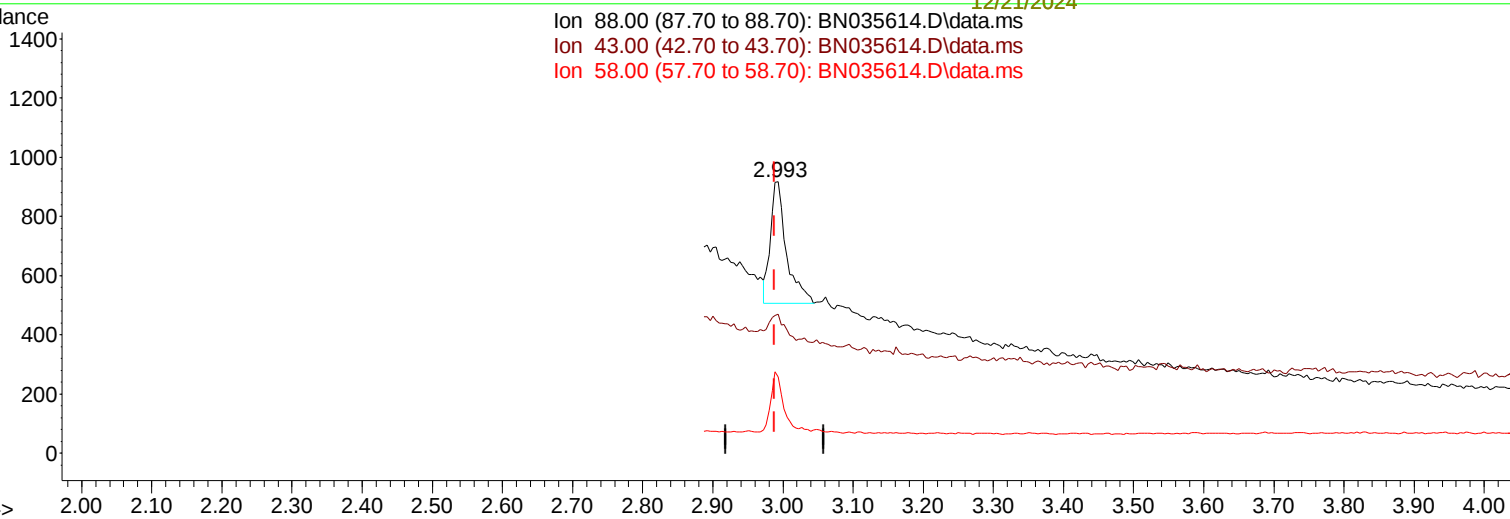
12/18/2024

Supervised By :mohammad

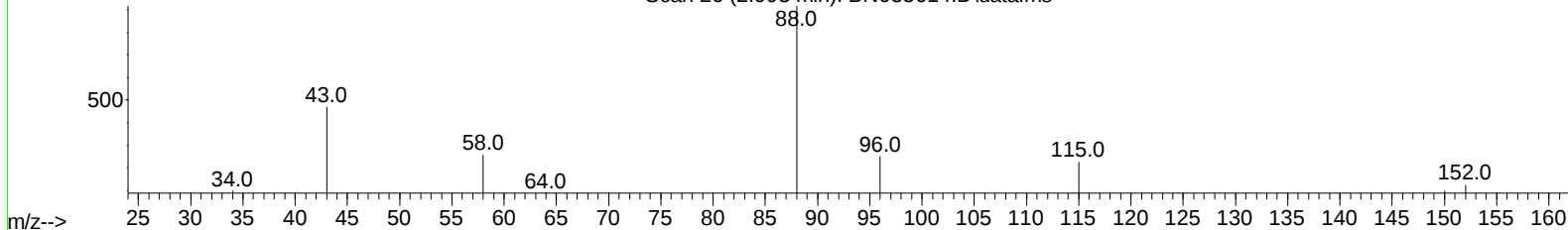
ahmed

12/21/2024

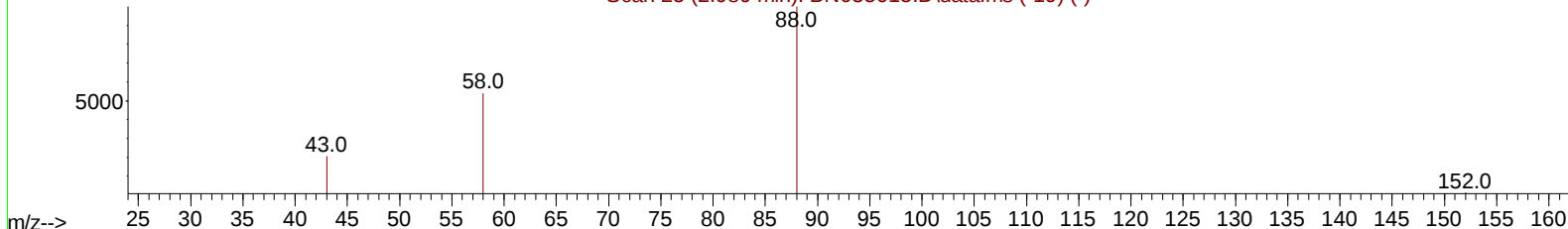
Ion 88.00 (87.70 to 88.70): BN035614.D\data.ms
Ion 43.00 (42.70 to 43.70): BN035614.D\data.ms
Ion 58.00 (57.70 to 58.70): BN035614.D\data.ms



Scan 26 (2.993 min): BN035614.D\data.ms



Scan 25 (2.989 min): BN035615.D\data.ms (-19) (-)



TIC: BN035614.D\data.ms

(2) 1,4-Dioxane

2.993min (+ 0.004) 0.25 ng/u1

response 650

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.30	51.25
58.00	37.20	28.14#
0.00	0.00	0.00

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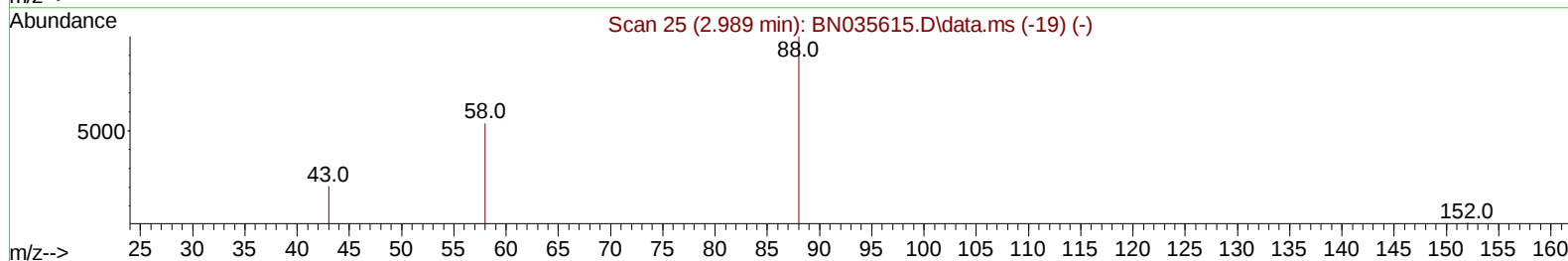
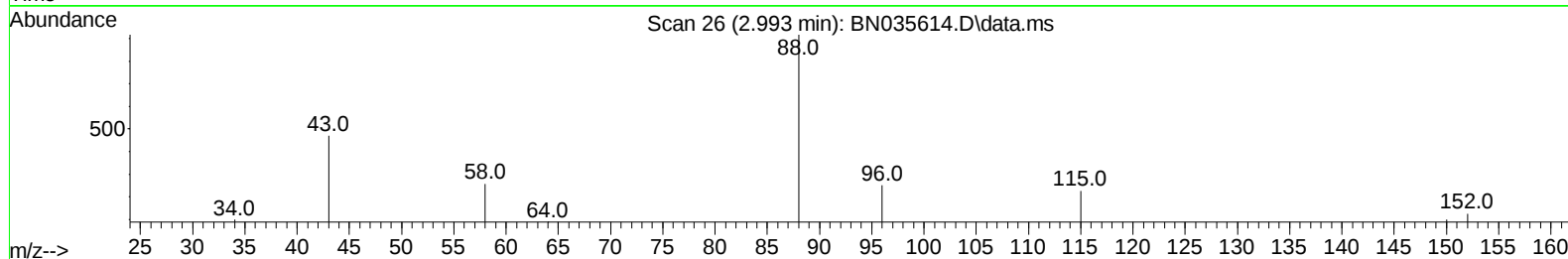
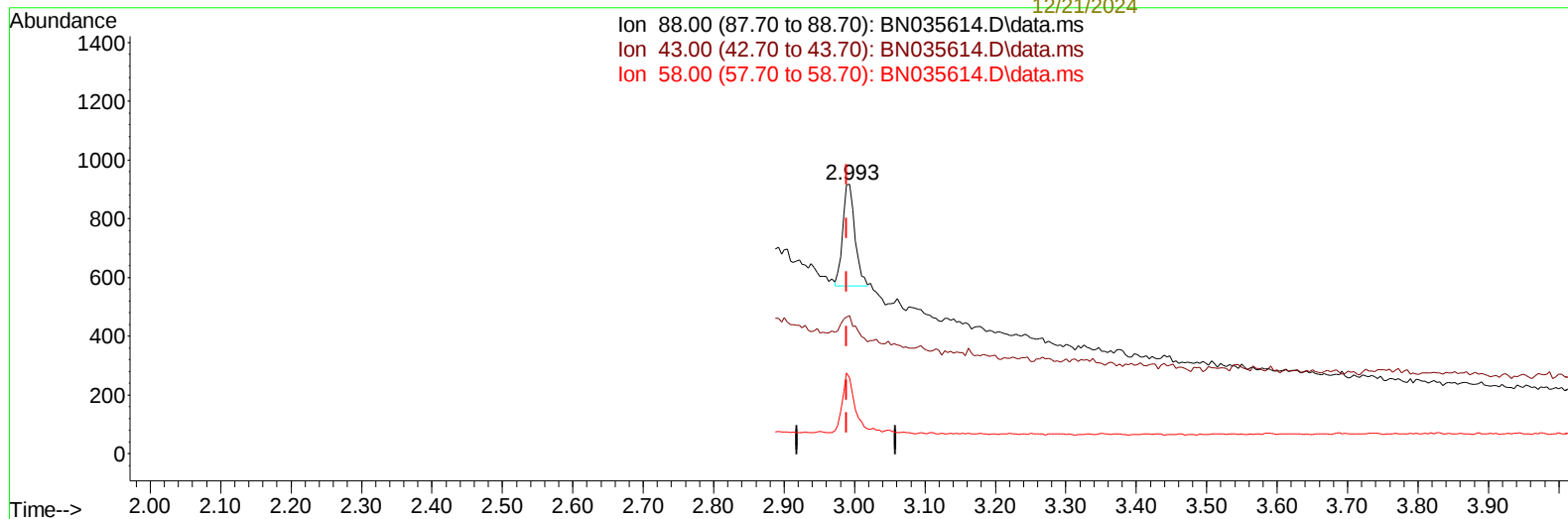
Patel

12/18/2024

Supervised By :mohammad

ahmed

12/21/2024



TIC: BN035614.D\data.ms

(2) 1,4-Dioxane

2.993min (+ 0.004) 0.16 ng/ul m

response 416

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.30	51.25
58.00	37.20	28.14#
0.00	0.00	0.00

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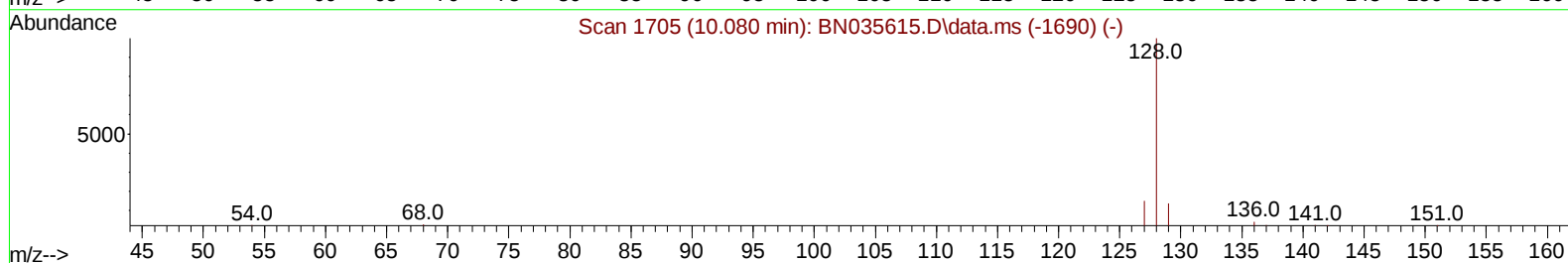
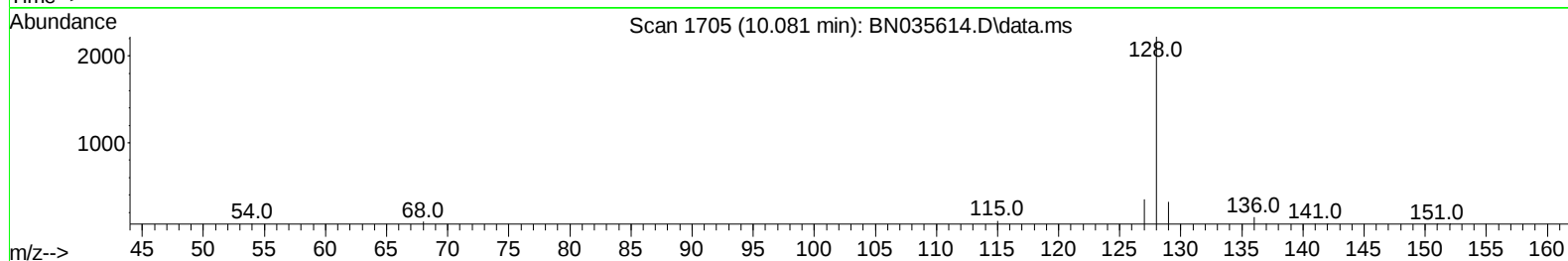
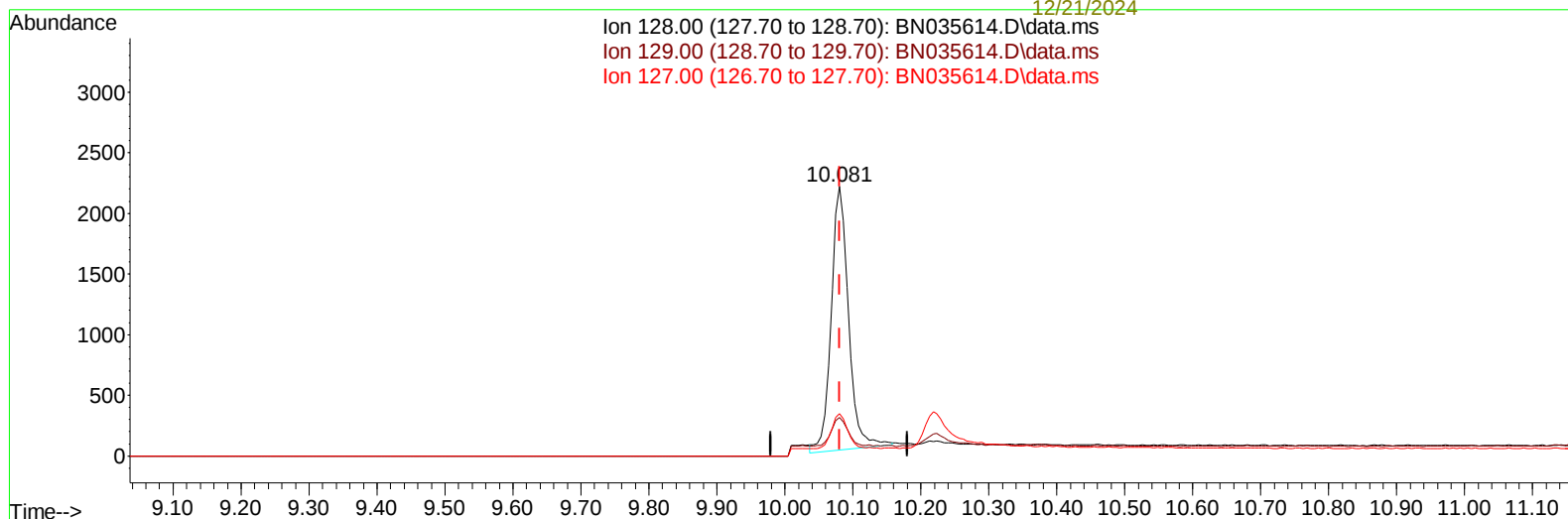
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TIC: BN035614.D\data.ms

(5) Naphthalene

10.081min (+ 0.000) 0.21 ng/ul

response 3886

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	14.32
127.00	15.00	15.76
0.00	0.00	0.00

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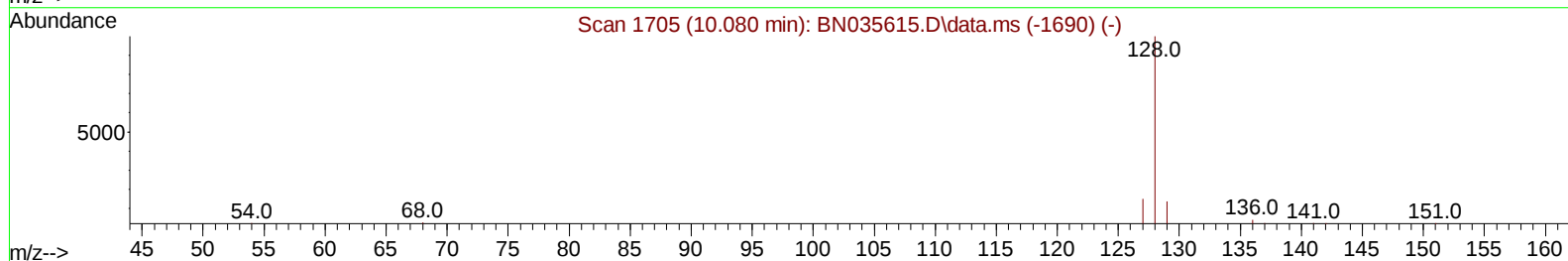
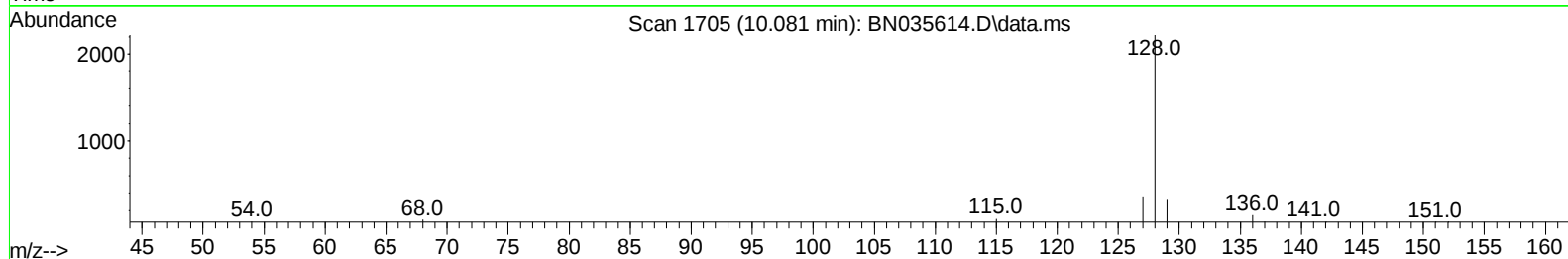
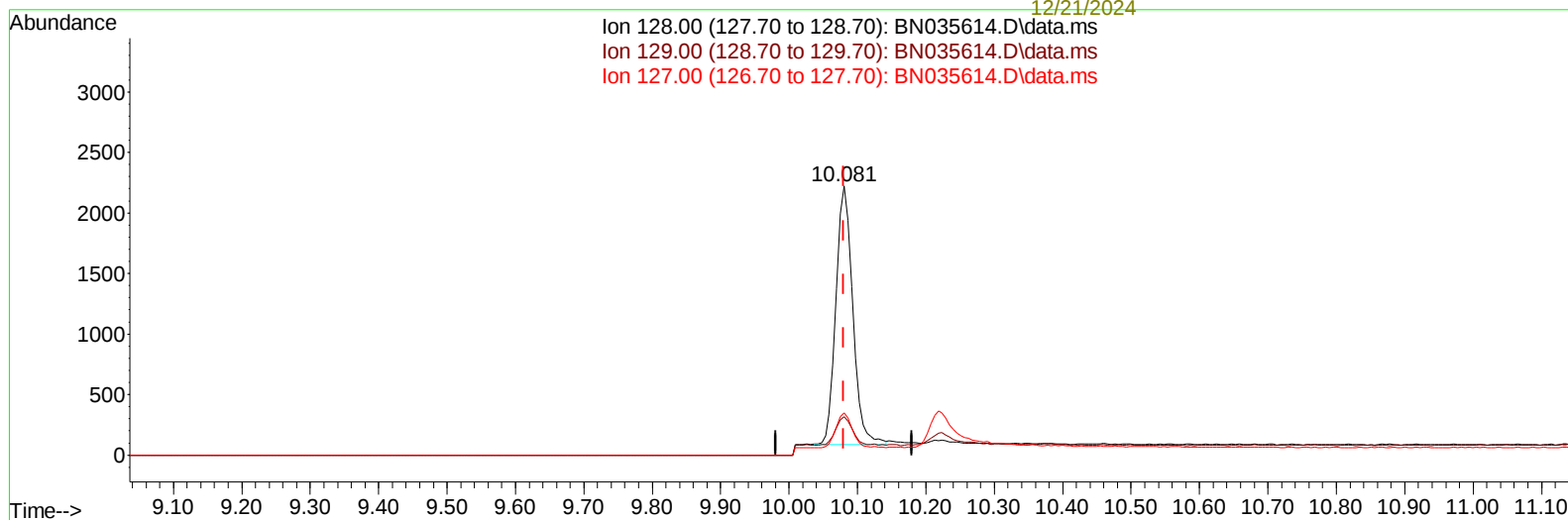
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(5) Naphthalene

10.081min (+ 0.000) 0.19 ng/ul m

response 3638

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	14.32
127.00	15.00	15.76
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	7.284	152		2644	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136		7479	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164		5475	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188		12592	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240		11173	0.400	ng/ul	0.00
23) Perylene-d12	23.051	264		12524	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.959	96		483	0.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152		2182	0.202	ng/ul	0.00
18) Fluoranthene-d10	18.768	212		6553	0.213	ng/ul	0.00
Target Compounds							
							Qvalue
2) 1,4-Dioxane	2.993	88		416m	0.160	ng/ul	
5) Naphthalene	10.081	128		3638m	0.192	ng/ul	
7) 2-Methylnaphthalene	11.714	142		2535	0.198	ng/ul	100
8) 1-Methylnaphthalene	11.939	142		2627	0.202	ng/ul	98
10) Acenaphthylene	13.662	152		4253	0.197	ng/ul	99
11) Acenaphthene	14.009	153		3235	0.196	ng/ul	100
12) Fluorene	15.013	166		3751	0.194	ng/ul	99
14) Pentachlorophenol	16.384	266		574	0.192	ng/ul	98
15) Phenanthrene	16.760	178		6344	0.193	ng/ul	99
16) Anthracene	16.848	178		5908	0.193	ng/ul	98
19) Fluoranthene	18.800	202		7975	0.206	ng/ul	98
20) Pyrene	19.167	202		8876	0.218	ng/ul	99
21) Benzo(a)anthracene	20.950	228		7488	0.196	ng/ul	99
22) Chrysene	21.002	228		7804	0.201	ng/ul	98
24) Benzo(b)fluoranthene	22.440	252		7484	0.185	ng/ul	90
25) Benzo(k)fluoranthene	22.481	252		8128	0.194	ng/ul#	88
26) Benzo(a)pyrene	22.963	252		7281	0.195	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.088	276		8769	0.178	ng/ul#	79
28) Dibenzo(a,h)anthracene	25.101	278		6701	0.174	ng/ul#	88
29) Benzo(g,h,i)perylene	25.698	276		7147	0.183	ng/ul#	91

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

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