Quantitation Report (Qedit)

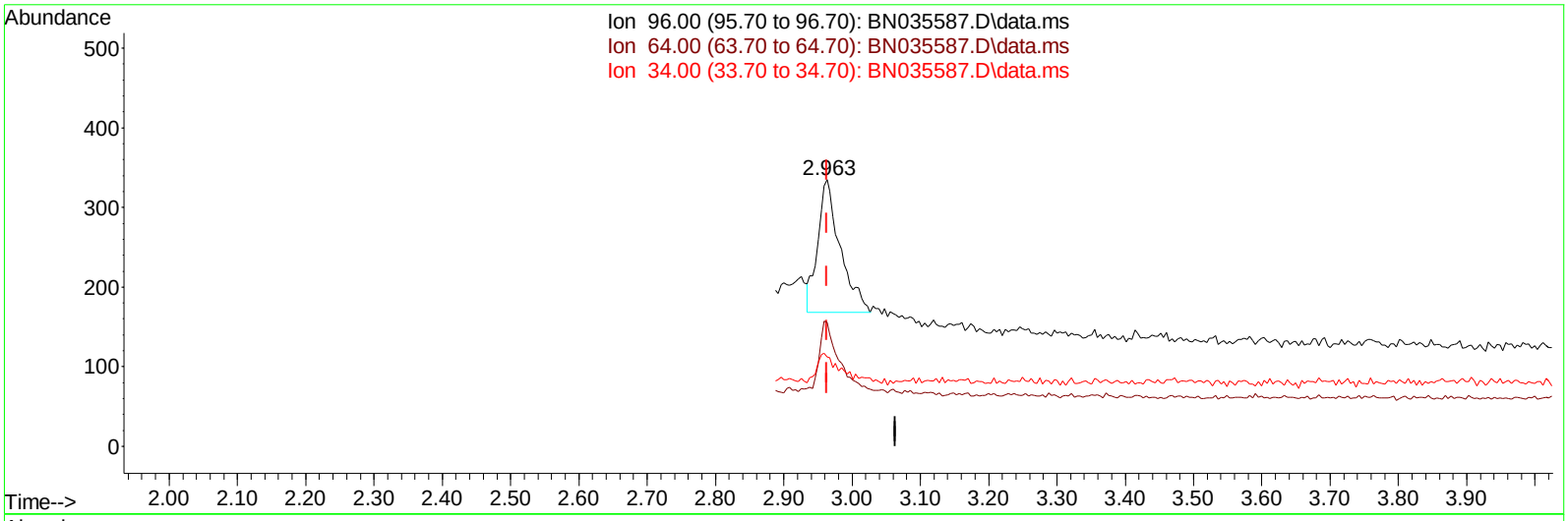
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035587.D
Acq On : 12 Dec 2024 16:46
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

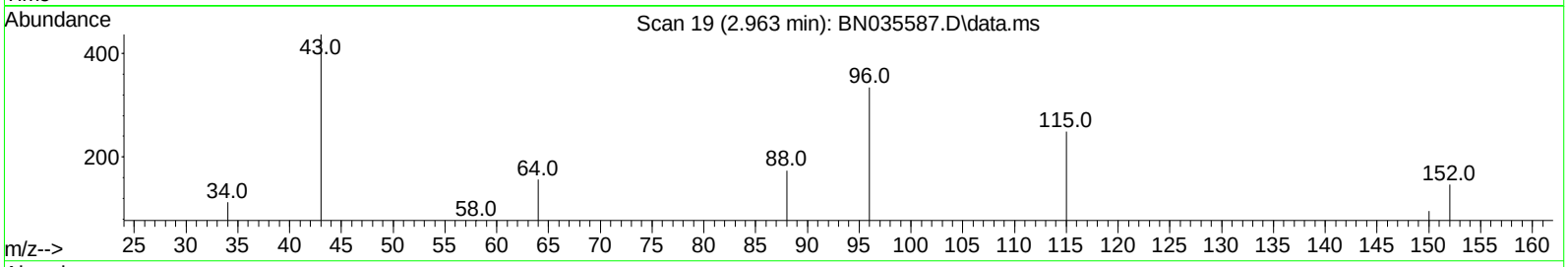
Quant Time: Dec 12 17:17:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

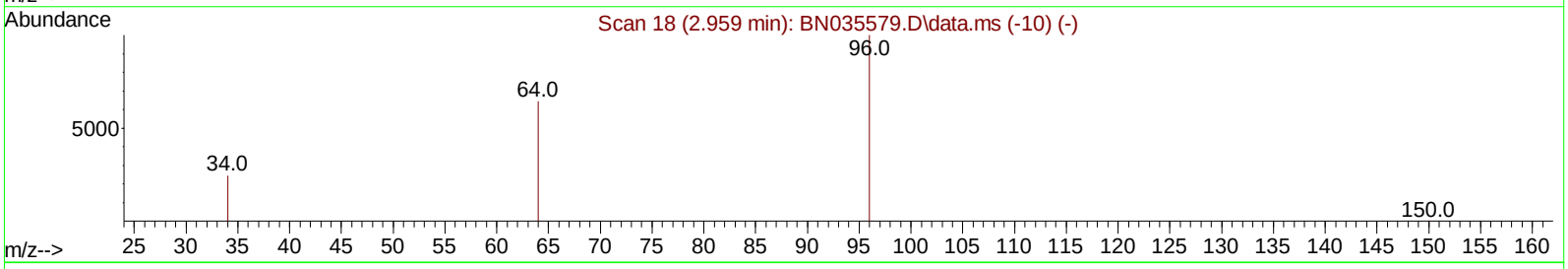
Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BN035587.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.963min (-0.000) 0.57 ng/ul

response 382

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.00	46.57#
34.00	26.30	33.43#
0.00	0.00	0.00

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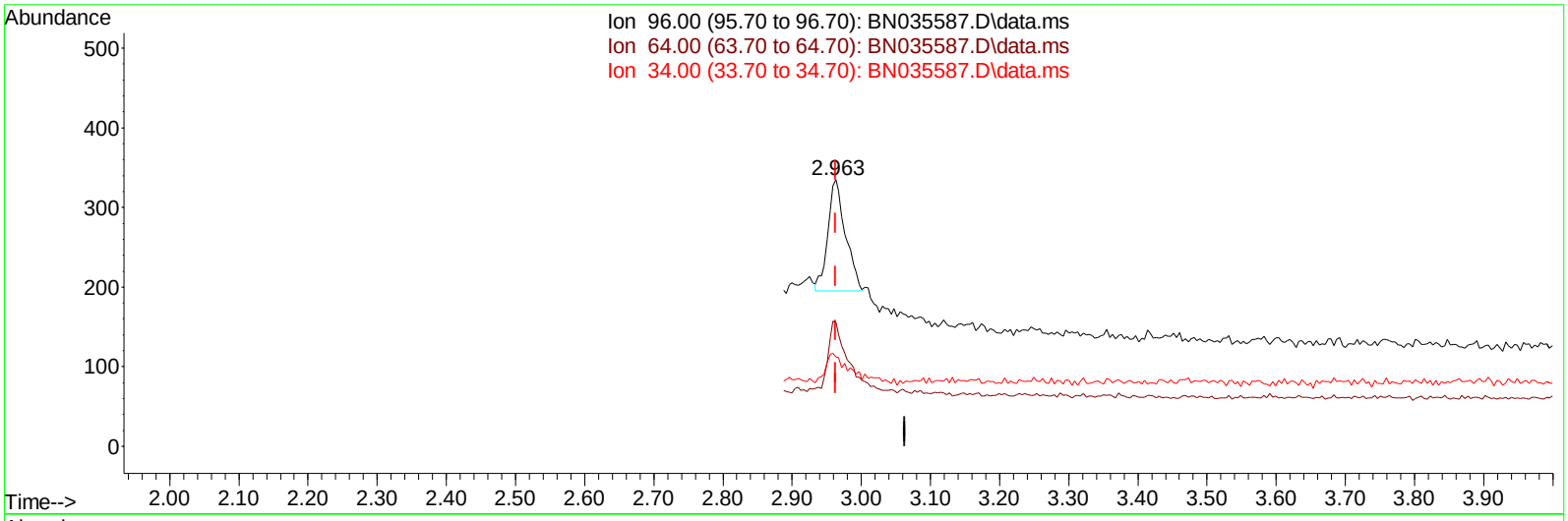

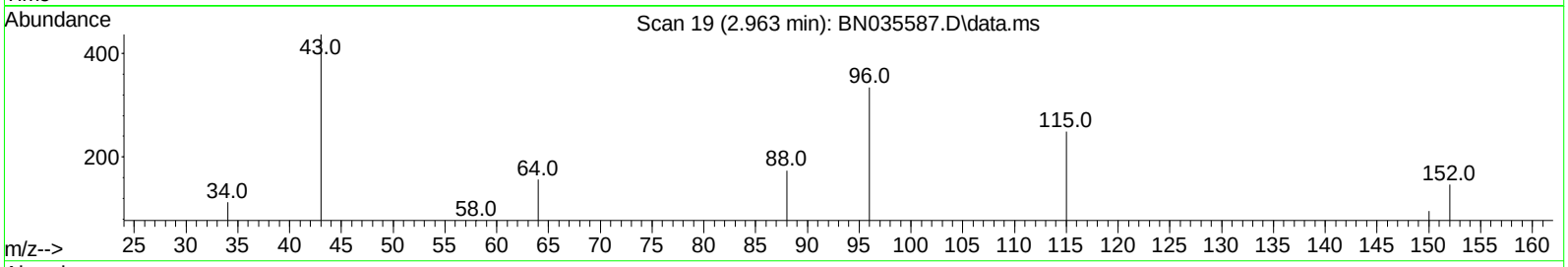

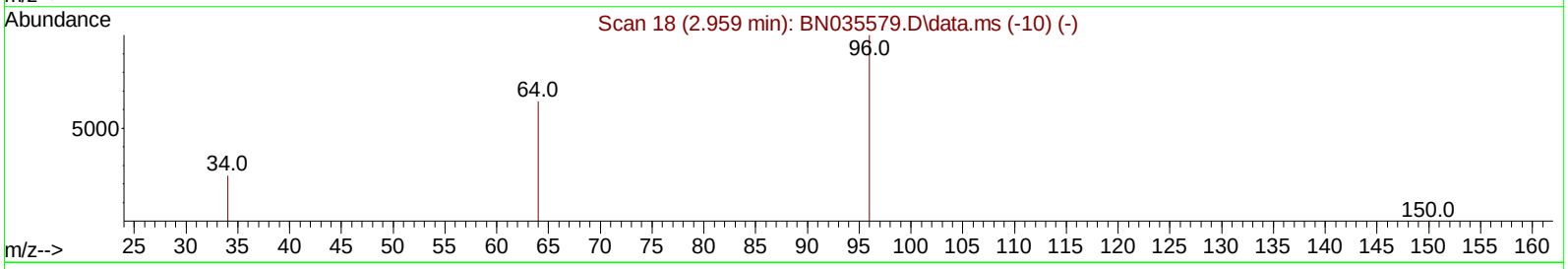

TIC: BN035587.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.963min (-0.000) 0.37 ng/ul m

response 248

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.00	46.57#
34.00	26.30	33.43#
0.00	0.00	0.00

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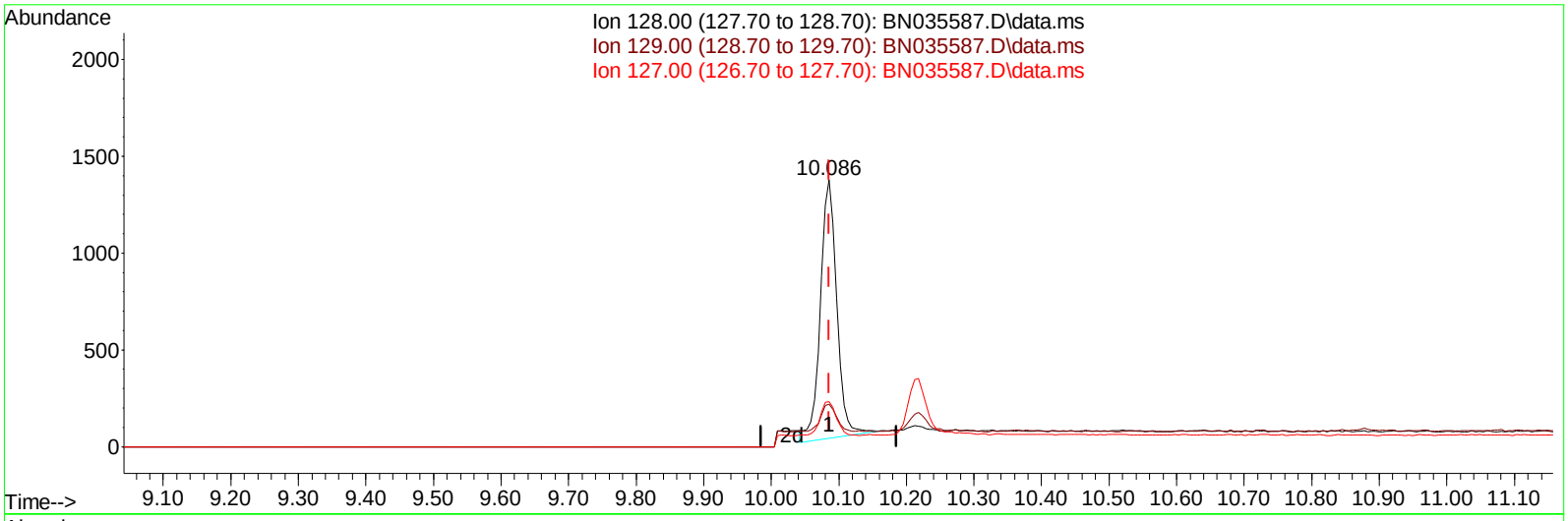

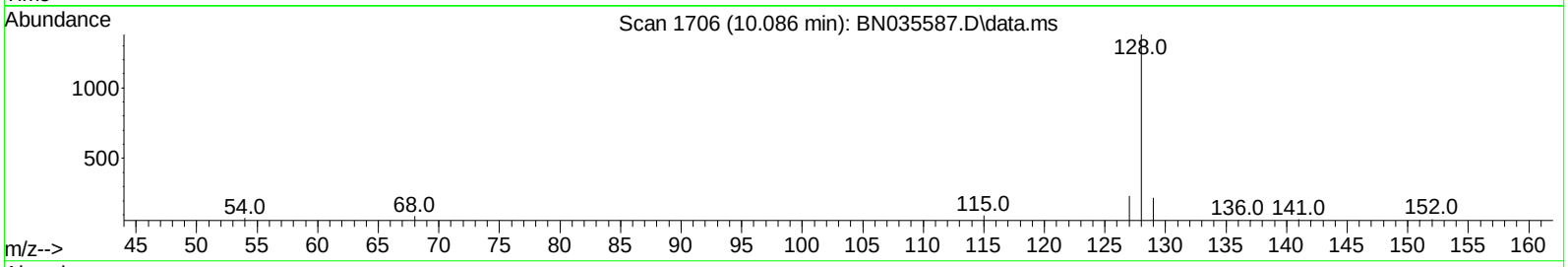

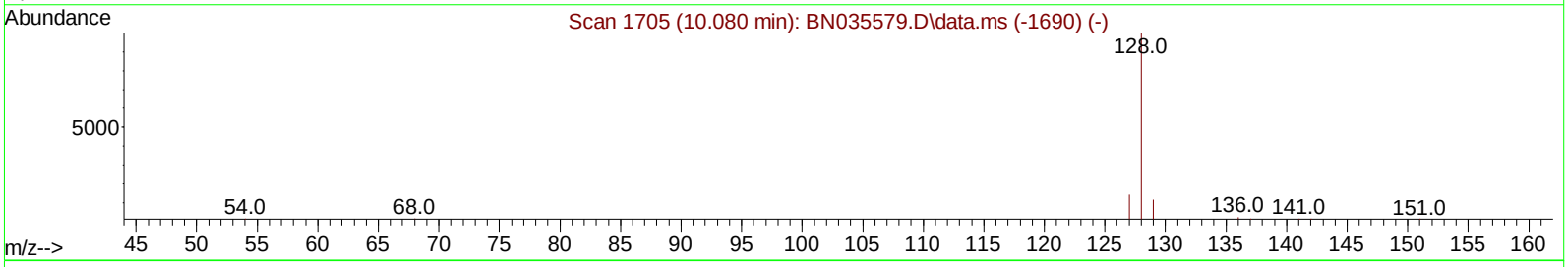

TIC: BN035587.D\data.ms

(5) Naphthalene

10.086min (-0.000) 0.38 ng/ul

response 2259

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	16.03#
127.00	14.30	16.90
0.00	0.00	0.00

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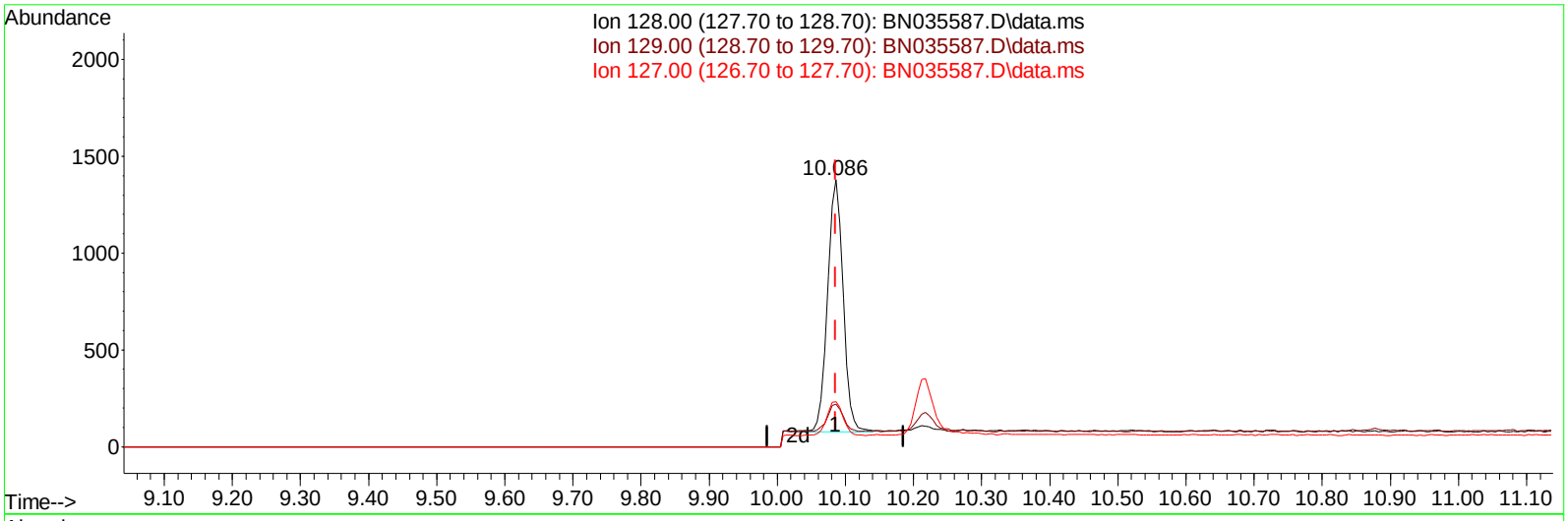

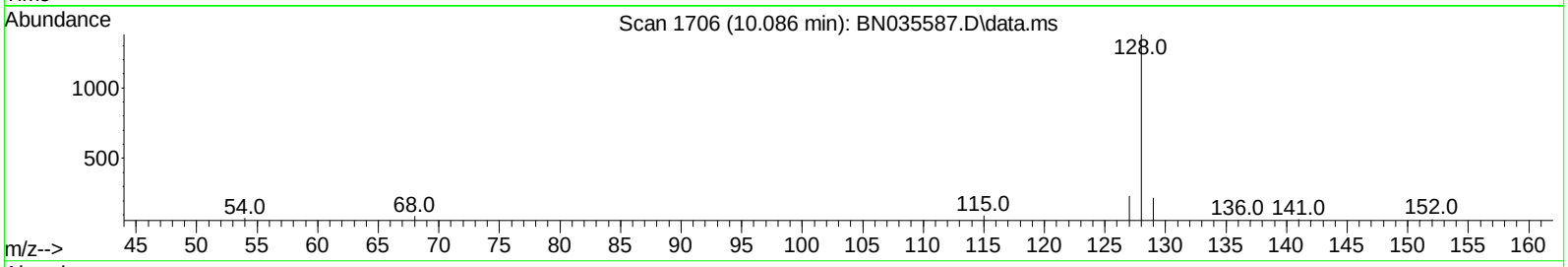

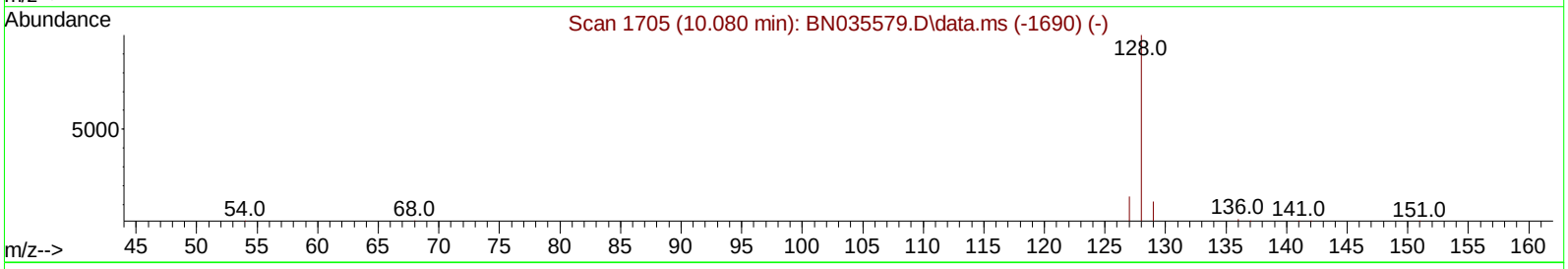

TIC: BN035587.D\data.ms

(5) Naphthalene

10.086min (-0.000) 0.35 ng/ul m

response 2077

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	16.03#
127.00	14.30	16.90
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	736	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.036	136	2342	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.953	164	1400	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.721	188	3085	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.970	240	2885	0.400	ng/ul	# 0.00
23) Perylene-d12	23.062	264	3024	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	248m	0.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	1266	0.369	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	3327	0.418	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	300	0.411	ng/ul#	16
5) Naphthalene	10.086	128	2077m	0.352	ng/ul	
7) 2-Methylnaphthalene	11.714	142	1469	0.359	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	1481	0.359	ng/ul	97
10) Acenaphthylene	13.662	152	2265	0.408	ng/ul#	92
11) Acenaphthene	14.013	153	1711	0.403	ng/ul	98
12) Fluorene	15.017	166	1964	0.394	ng/ul#	98
14) Pentachlorophenol	16.384	266	380	0.529	ng/ul	97
15) Phenanthrene	16.764	178	3260	0.400	ng/ul#	95
16) Anthracene	16.852	178	3290	0.435	ng/ul#	94
19) Fluoranthene	18.805	202	4023	0.401	ng/ul#	84
20) Pyrene	19.172	202	4261	0.408	ng/ul#	79
21) Benzo(a)anthracene	20.952	228	3942	0.394	ng/ul#	81
22) Chrysene	21.005	228	3968	0.394	ng/ul#	80
24) Benzo(b)fluoranthene	22.448	252	3890	0.389	ng/ul#	35
25) Benzo(k)fluoranthene	22.489	252	4034	0.391	ng/ul#	32
26) Benzo(a)pyrene	22.972	252	3762	0.412	ng/ul#	14
27) Indeno(1,2,3-cd)pyrene	25.101	276	5168	0.419	ng/ul#	61
28) Dibenzo(a,h)anthracene	25.111	278	3461	0.358	ng/ul#	24
29) Benzo(g,h,i)perylene	25.711	276	3657	0.376	ng/ul#	52

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

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