Quantitation Report (Qedit)

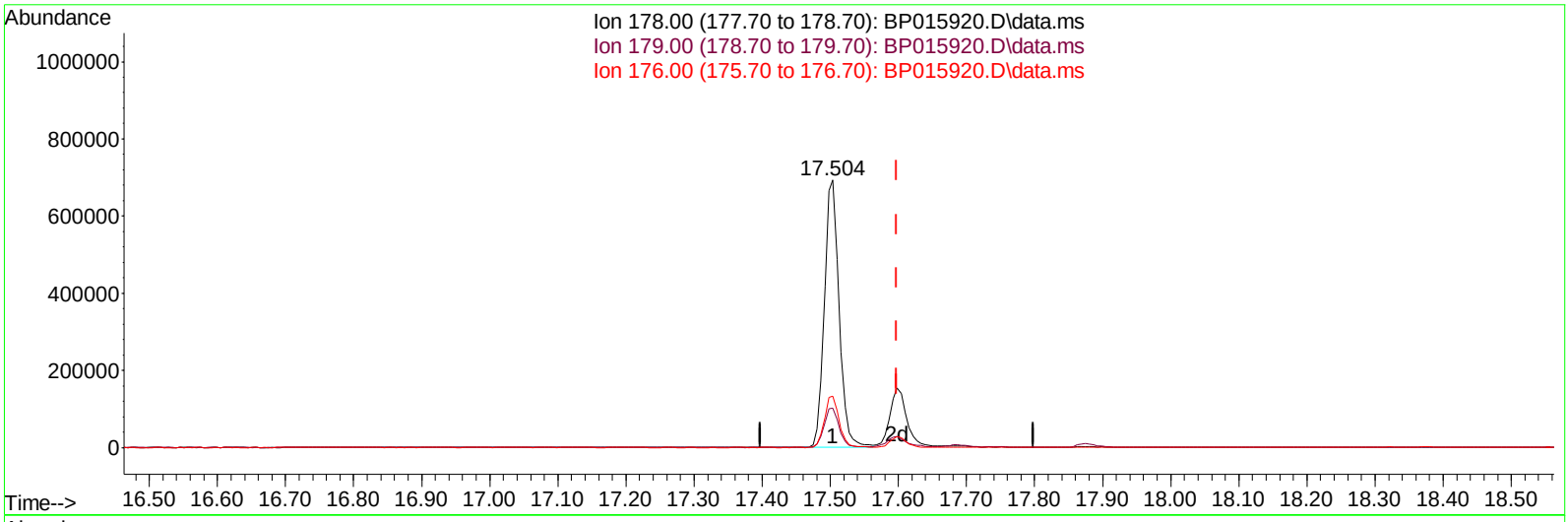
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015920.D
Acq On : 02 Jul 2023 12:19
Operator : MA/JU
Sample : 03243-15
Misc :
ALS Vial : 87 Sample Multiplier: 1

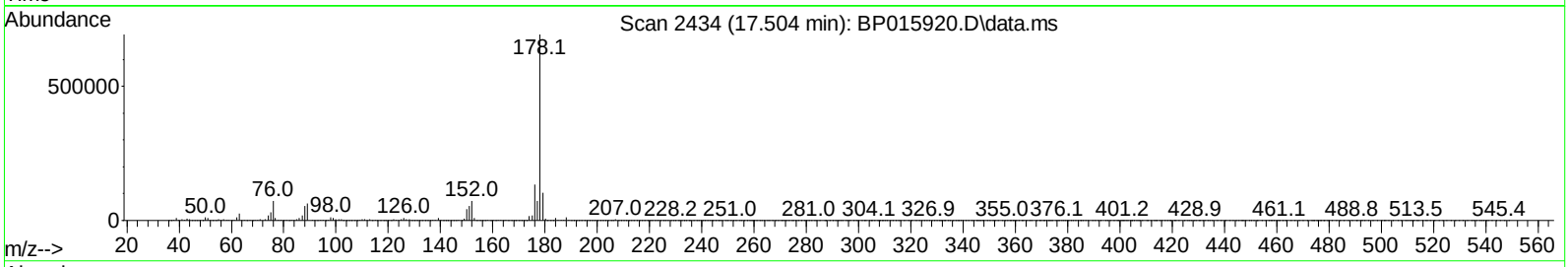
Quant Time: Jul 02 14:15:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

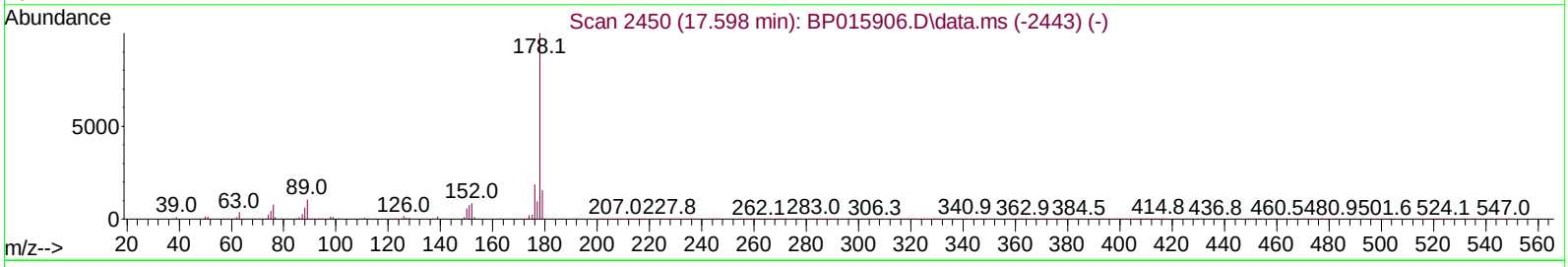
Instrument :
BNA_P
ClientSampleId :
DCGD5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023







TIC: BP015920.D\data.ms

(74) Anthracene

17.504min (-0.094) 12.83 ng/ul

response 1038619

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	14.85
176.00	18.30	19.34
0.00	0.00	0.00

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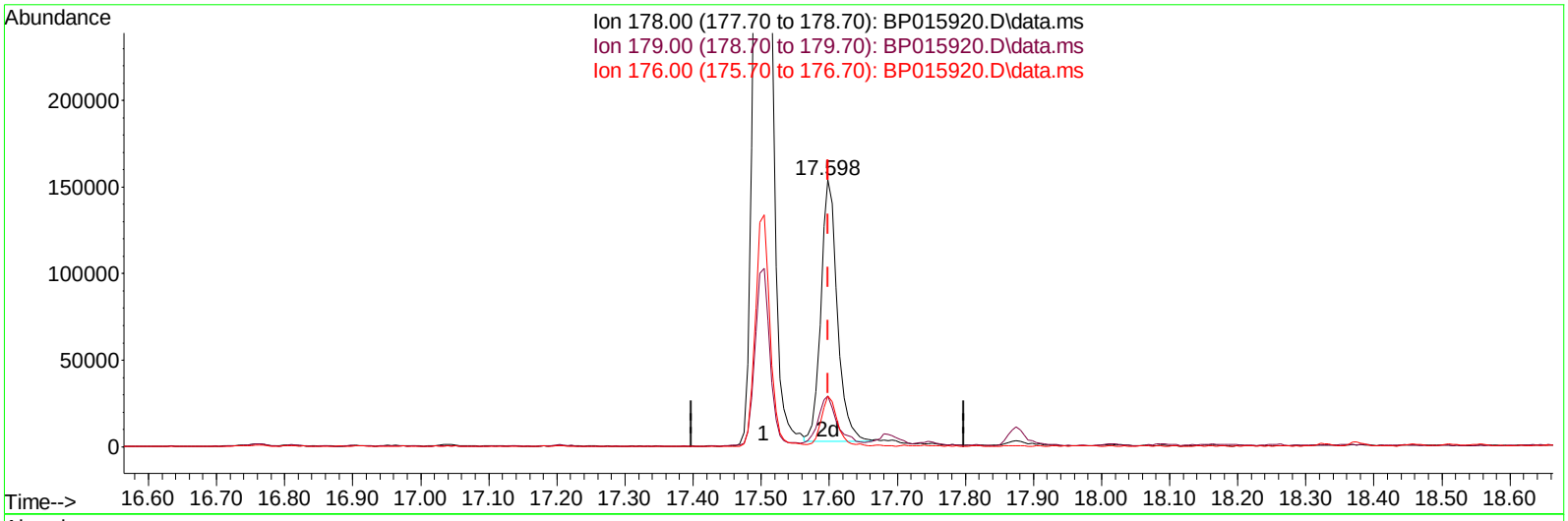

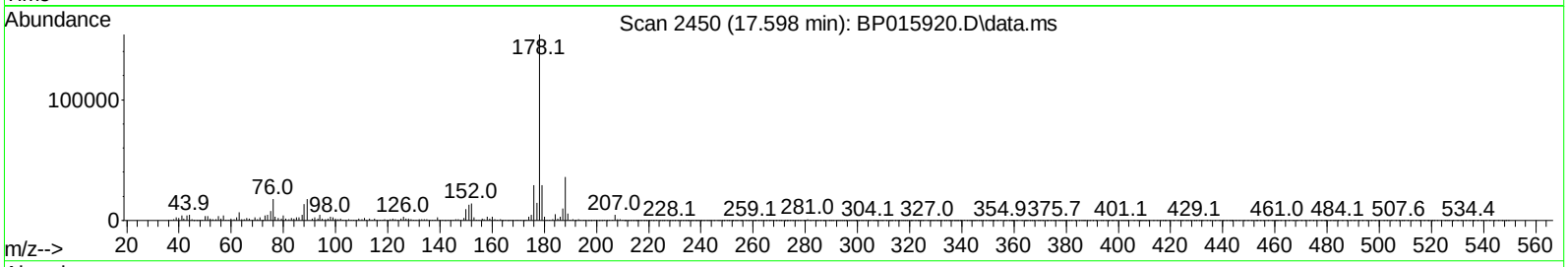

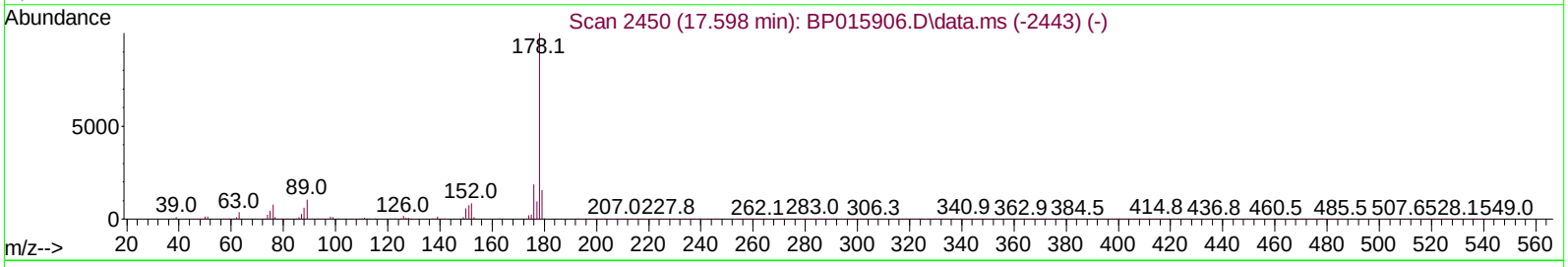

TIC: BP015920.D\data.ms

(74) Anthracene

17.598min (+ 0.000) 3.13 ng/ul m

response 253726

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	19.03#
176.00	18.30	18.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015920.D
Acq On : 02 Jul 2023 12:19
Operator : MA/JU
Sample : 03243-15
Misc :
ALS Vial : 87 Sample Multiplier: 1

Quant Time: Jul 02 14:15:16 2023
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Quant Title : SVOA CALIBRATION
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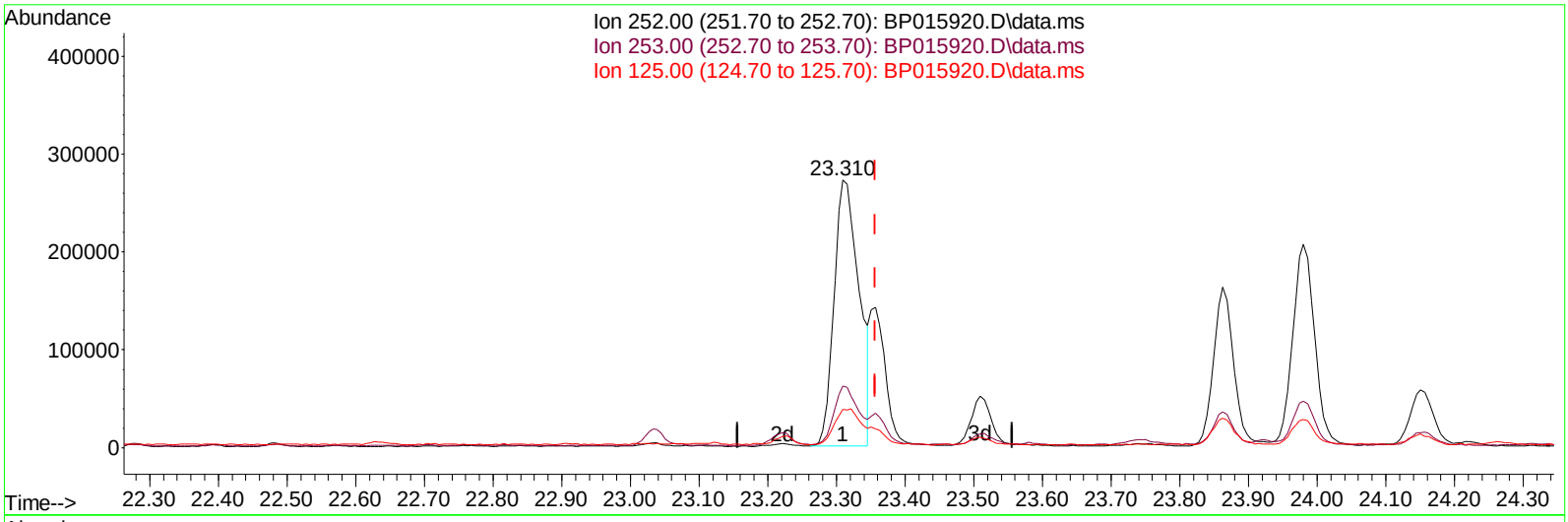

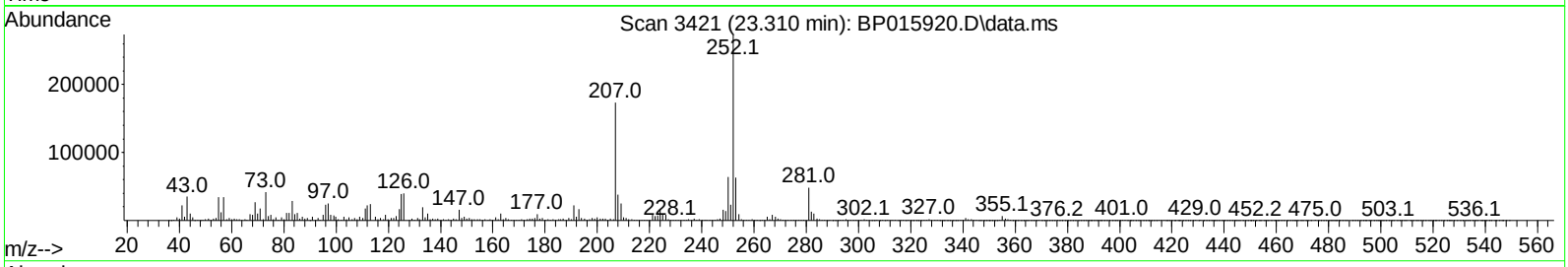

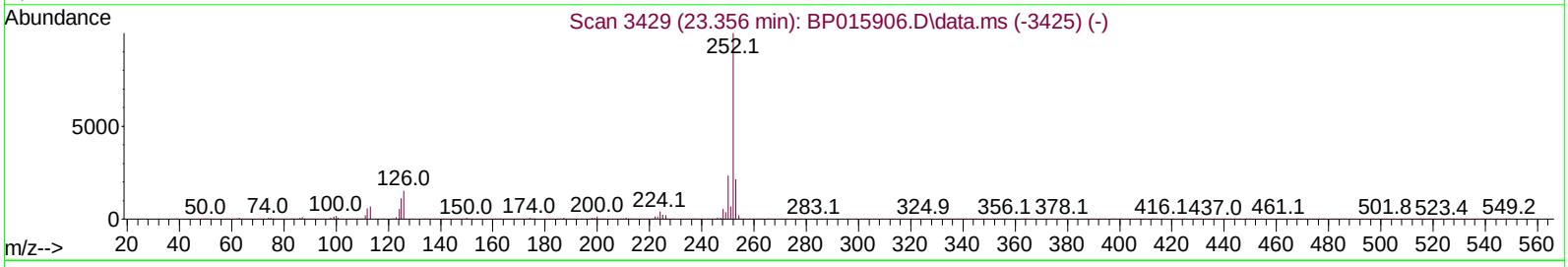

TIC: BP015920.D\data.ms

(91) Benzo(k)fluoranthene

23.310min (-0.047) 9.82 ng/ul

response 687700

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.07
125.00	9.10	14.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 87 Sample Multiplier: 1

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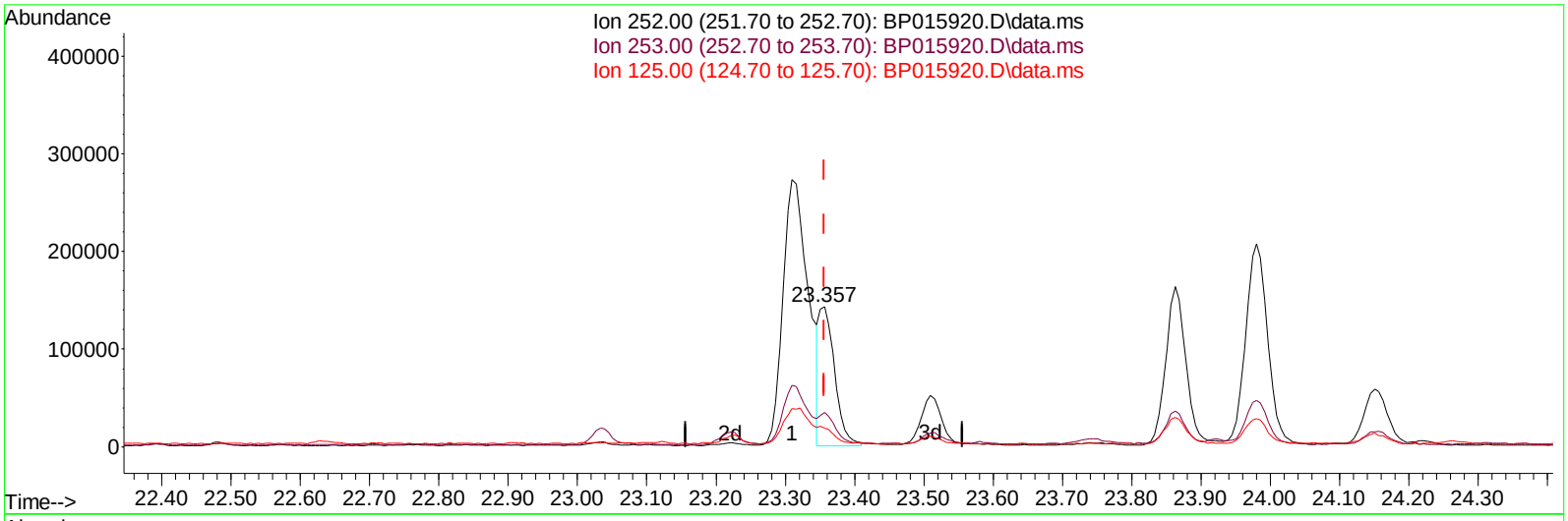

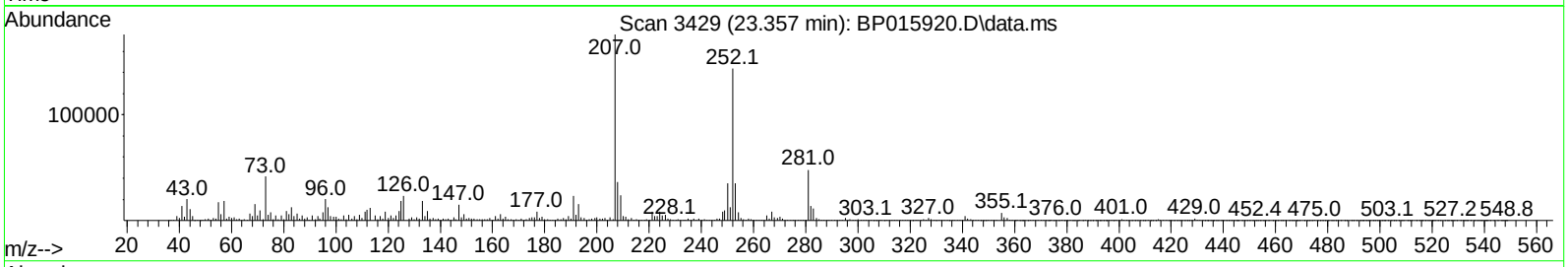

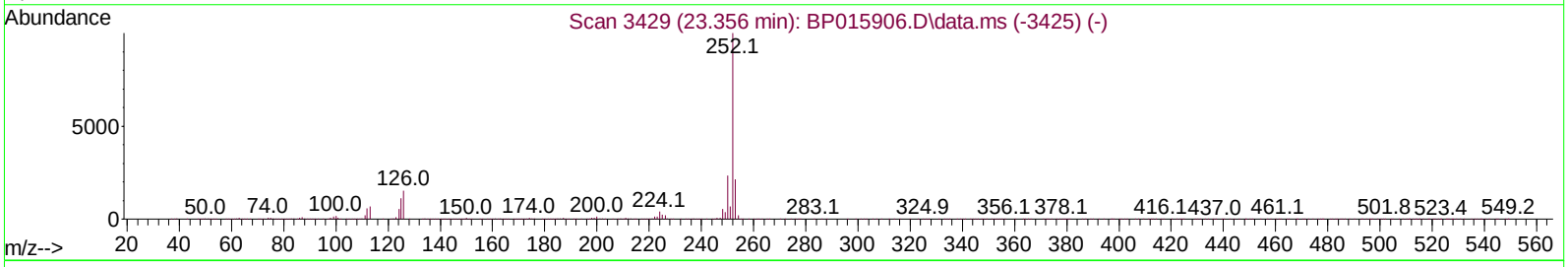

TIC: BP015920.D\data.ms

(91) Benzo(k)fluoranthene

23.357min (+ 0.000) 3.16 ng/ul m

response 221550

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	24.58
125.00	9.10	13.08#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 02 Jul 2023 12:19
Operator : MA/JU
Sample : 03243-15
Misc :
ALS Vial : 87 Sample Multiplier: 1

Quant Time: Jul 02 14:18:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	287902	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1280938	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	758298	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1483424	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	931697	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1078946	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	27573	3.446	ng/uL	0.00
4) Pyridine-d5	3.822	84	244667	12.129	ng/ul	0.00
7) Phenol-d5	7.234	99	575512	23.363	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	389817	25.578	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	465449	25.031	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	422881	21.731	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	229386	23.432	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	257119	22.504	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	427648	21.004	ng/ul	0.03
31) 4-Chloroaniline-d4	11.057	131	310884	11.886	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1422798	24.275	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1610075	24.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	137050	17.719	ng/ul	0.04
60) Fluorene-d10	15.698	176	1176484	24.378	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	105276	11.540	ng/ul	0.01
73) Anthracene-d10	17.563	188	1677174	24.752	ng/ul	0.00
81) Pyrene-d10	19.786	212	1629274	26.781	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1390148	25.542	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.928	128	83361	1.197	ng/ul	98
61) Fluorene	15.757	166	57304	1.011	ng/ul	98
72) Phenanthrene	17.504	178	1038619	12.888	ng/ul	99
74) Anthracene	17.598	178	253726m	3.133	ng/ul	
80) Fluoranthene	19.463	202	1388699	18.367	ng/ul#	94
82) Pyrene	19.816	202	1068047	13.848	ng/ul#	90
85) Benzo(a)anthracene	21.533	228	489519	7.469	ng/ul	97
87) Chrysene	21.592	228	476730	7.667	ng/ul	96
90) Benzo(b)fluoranthene	23.310	252	687700	9.920	ng/ul#	94
91) Benzo(k)fluoranthene	23.357	252	221550m	3.163	ng/ul	
93) Benzo(a)pyrene	23.980	252	456480	7.536	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.798	276	361687	4.398	ng/ul	96
95) Dibenzo(a,h)anthracene	26.798	278	89203	1.321	ng/ul#	78
96) Benzo(g,h,i)perylene	27.639	276	320500	4.737	ng/ul#	94

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

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