Quantitation Report (Qedit)

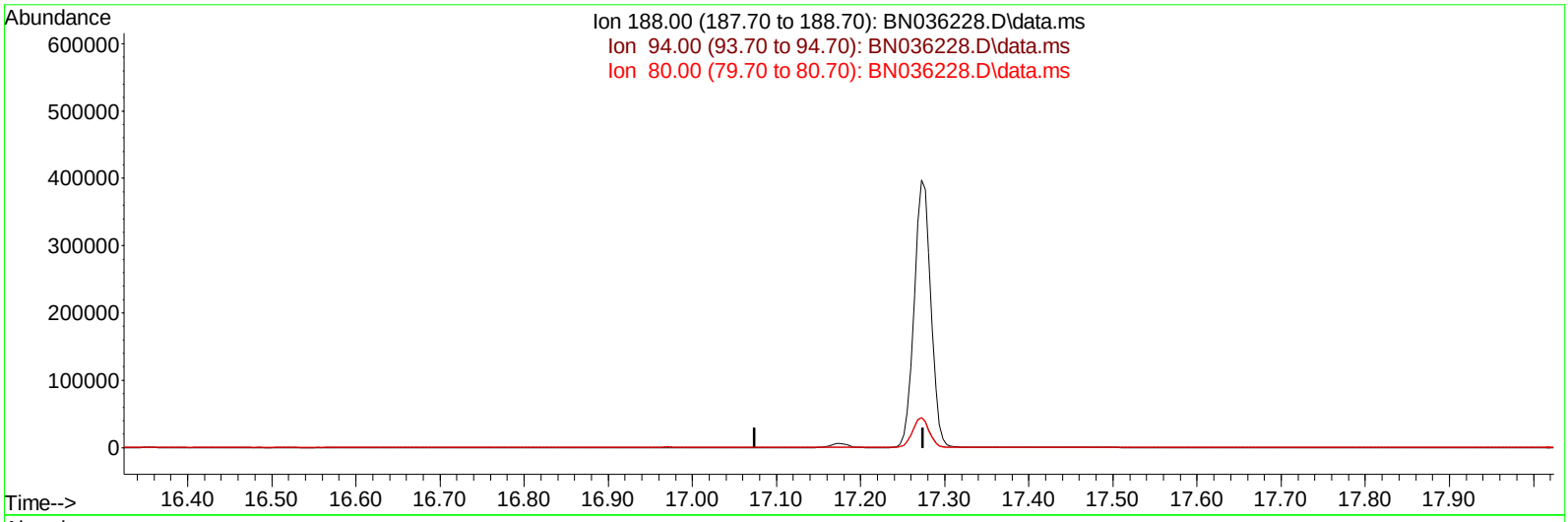
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036228.D
Acq On : 03 Feb 2025 14:33
Operator : RC/JU
Sample : Q1248-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

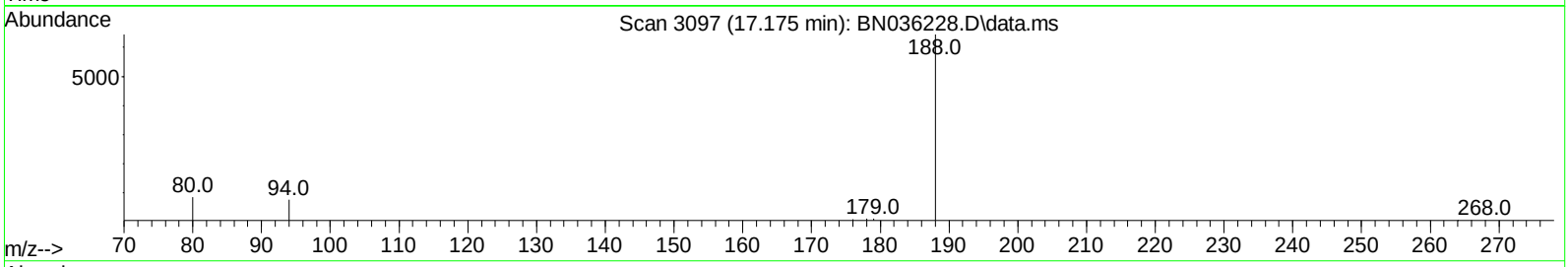
Quant Time: Feb 03 14:55:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

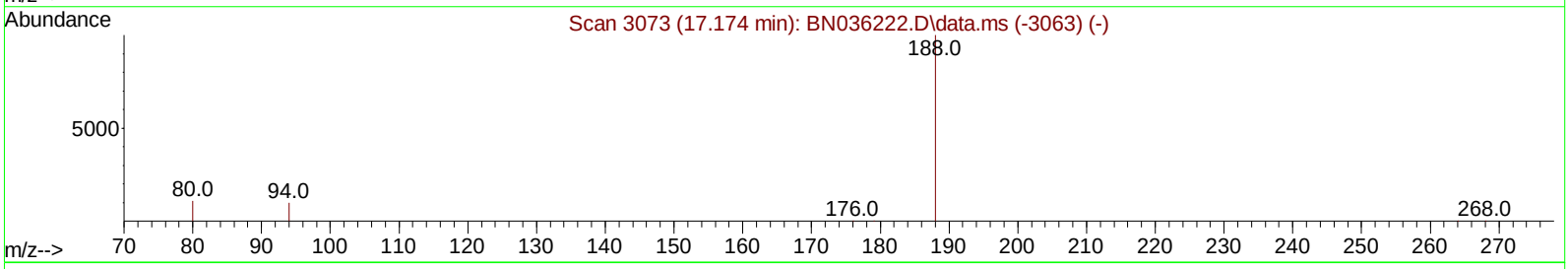
Instrument :
BNA_N
ClientSampleId :
A6319

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BN036228.D\data.ms

(13) Phenanthrene-d10 (I)

17.174min (-17.174) 0.00 ng/ul

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	10.10	0.00#
80.00	10.90	0.00#
0.00	0.00	0.00

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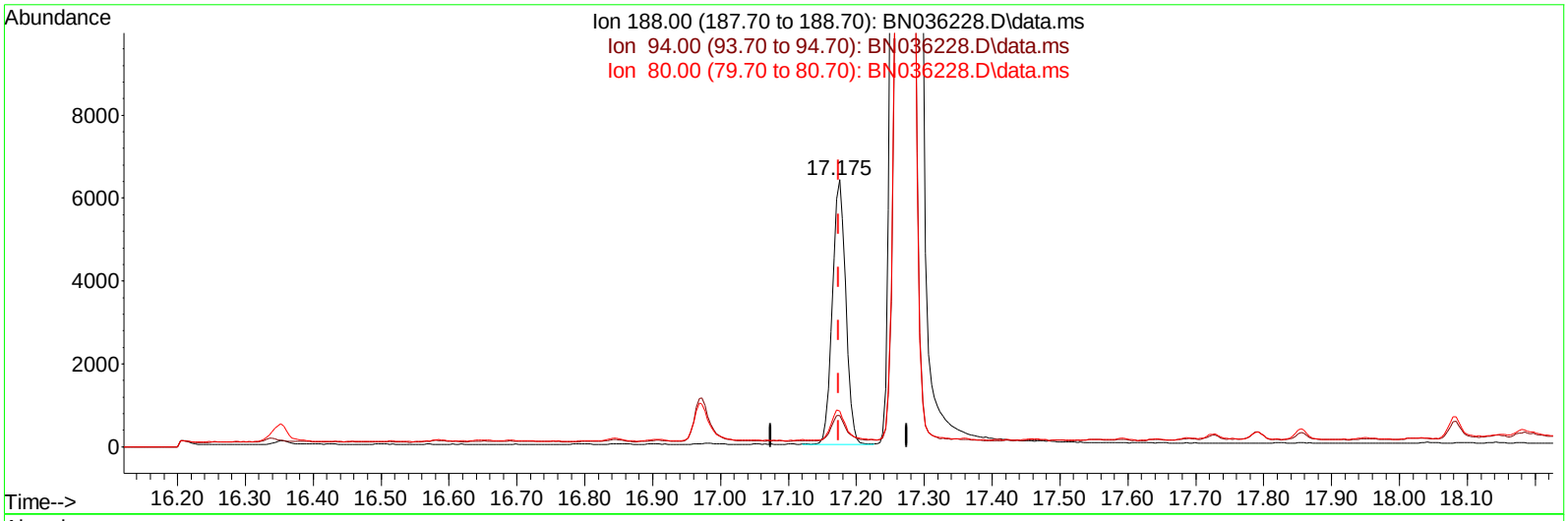

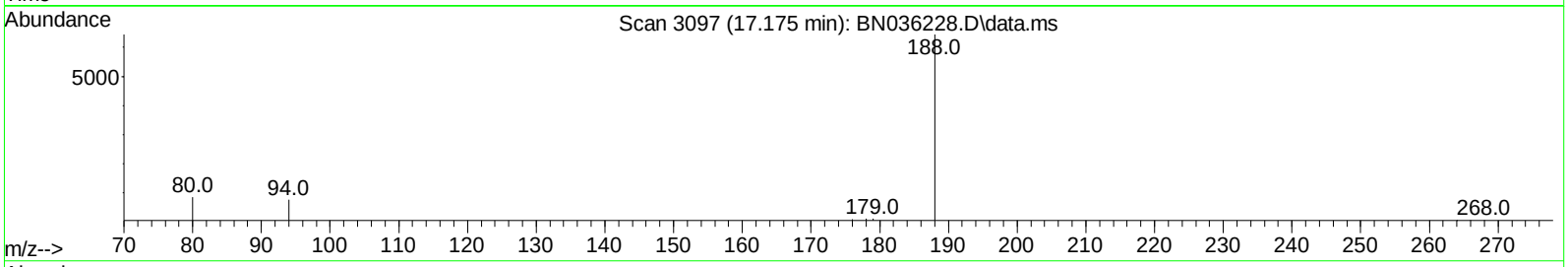

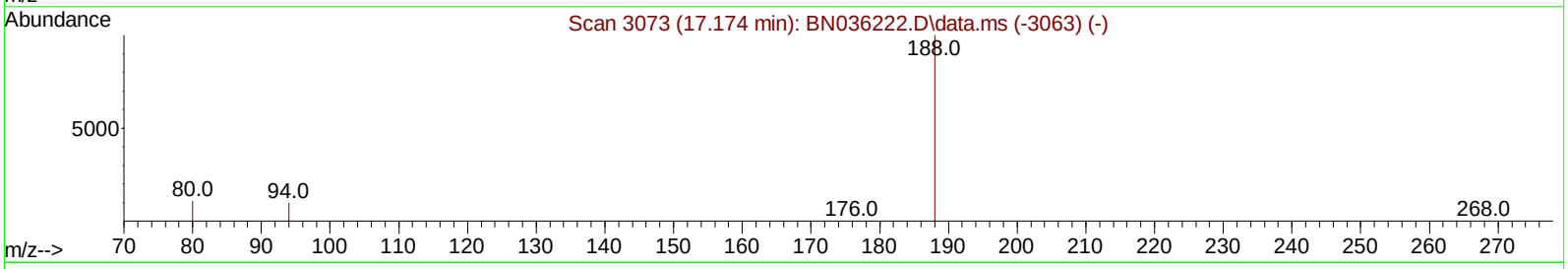

TIC: BN036228.D\data.ms

(13) Phenanthrene-d10 (I)

17.175min (+ 0.001) 0.40 ng/ul m

response 8821

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.77
80.00	10.90	13.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

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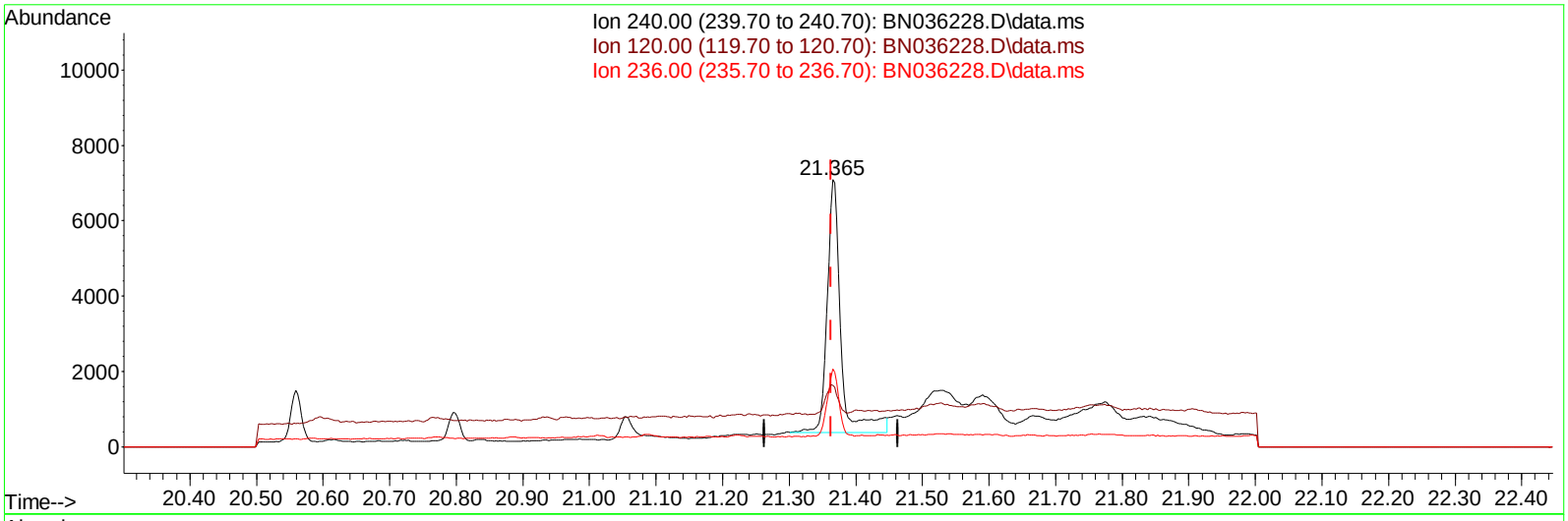

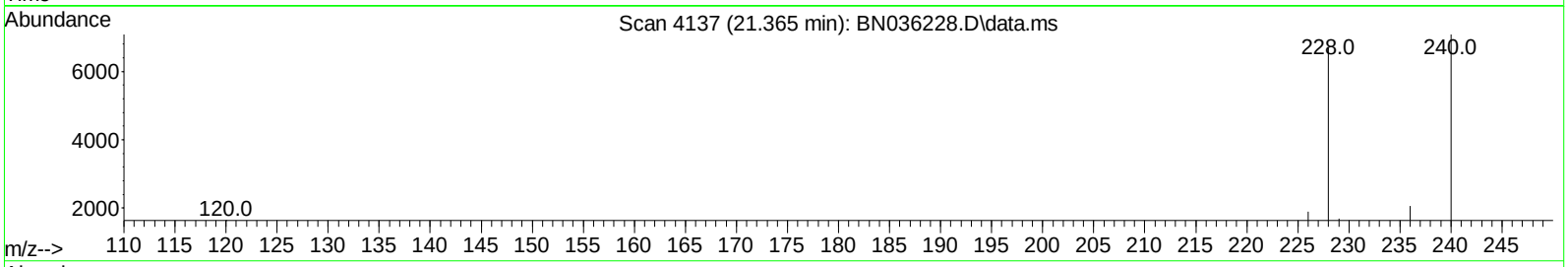

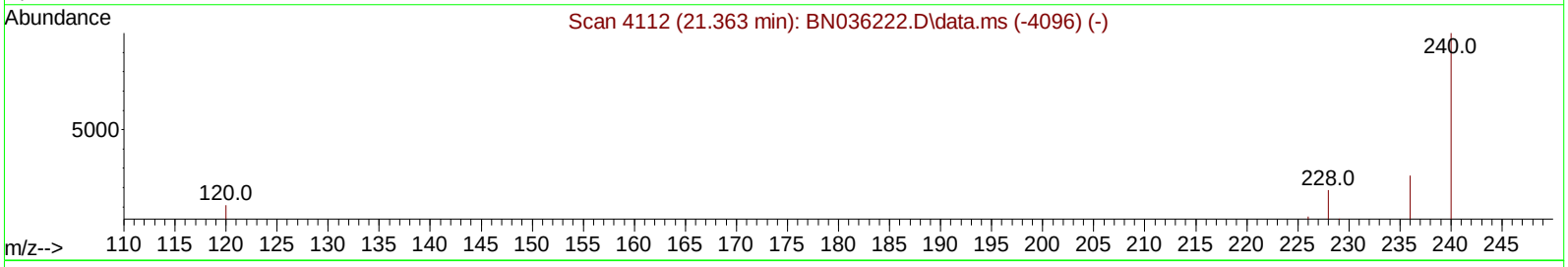

TIC: BN036228.D\data.ms

(17) Chrysene-d12

21.365min (+ 0.002) 0.40 ng/ul

response 9606

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	13.40	23.12#
236.00	29.00	29.20
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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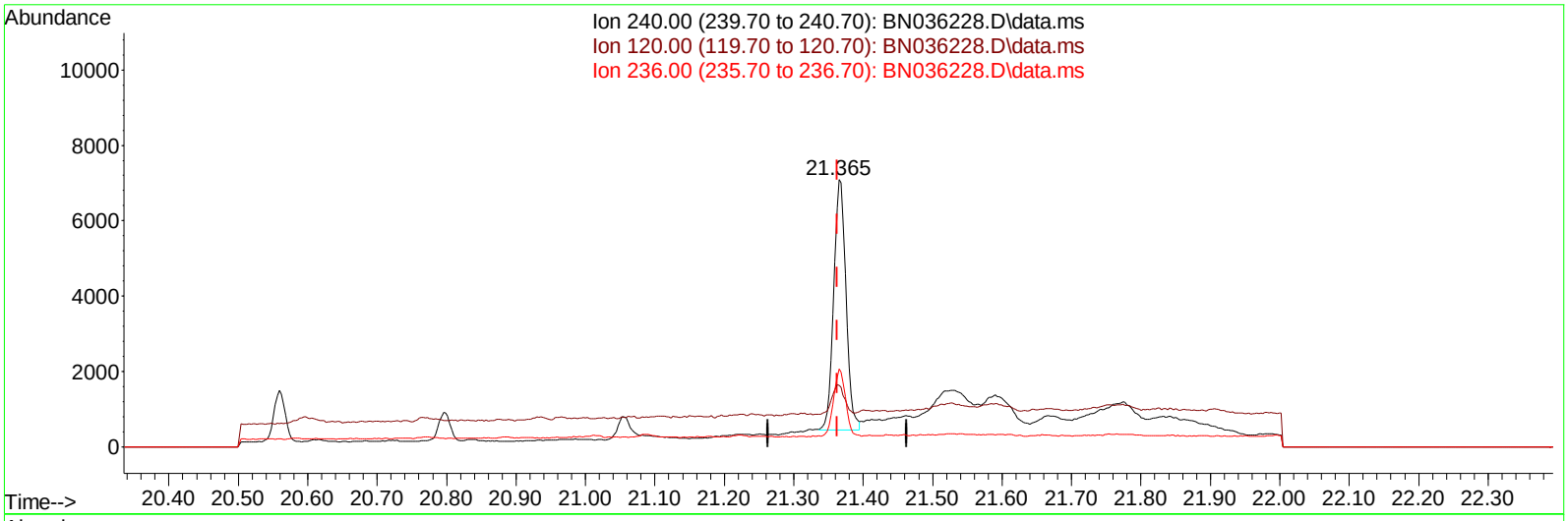

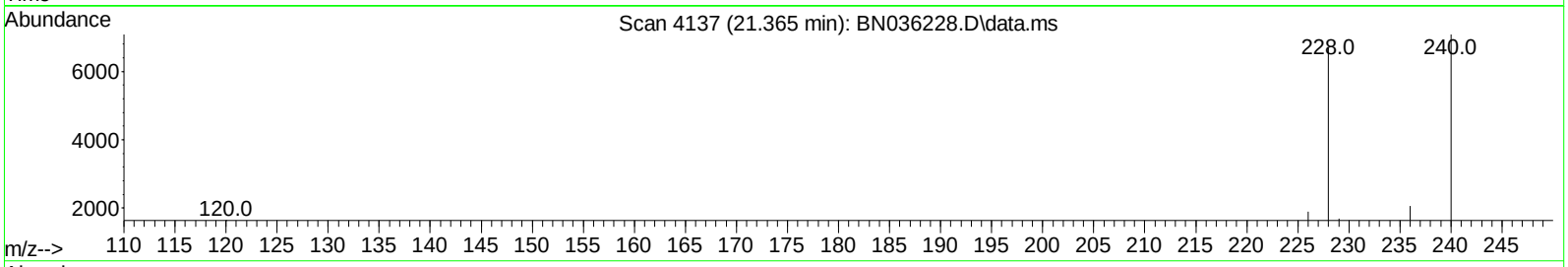

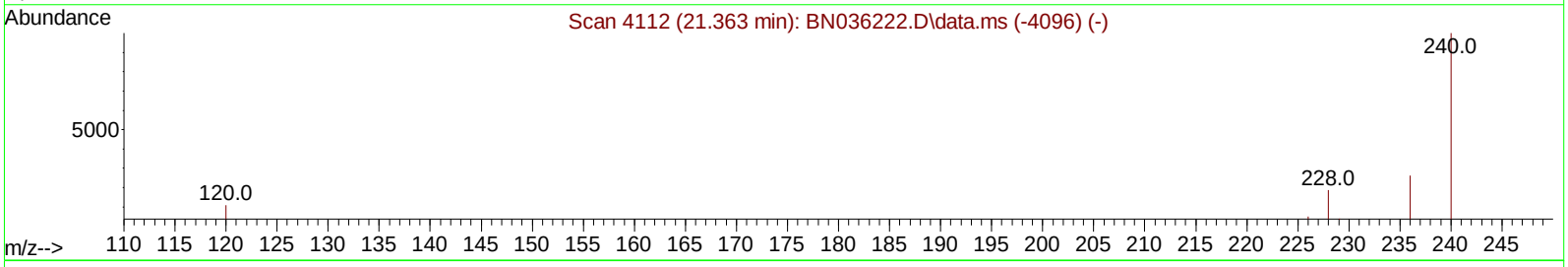

TIC: BN036228.D\data.ms

(17) Chrysene-d12

21.365min (+ 0.002) 0.40 ng/ul m

response 8171

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	13.40	23.12#
236.00	29.00	29.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
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Acq On : 03 Feb 2025 14:33
Operator : RC/JU
Sample : Q1248-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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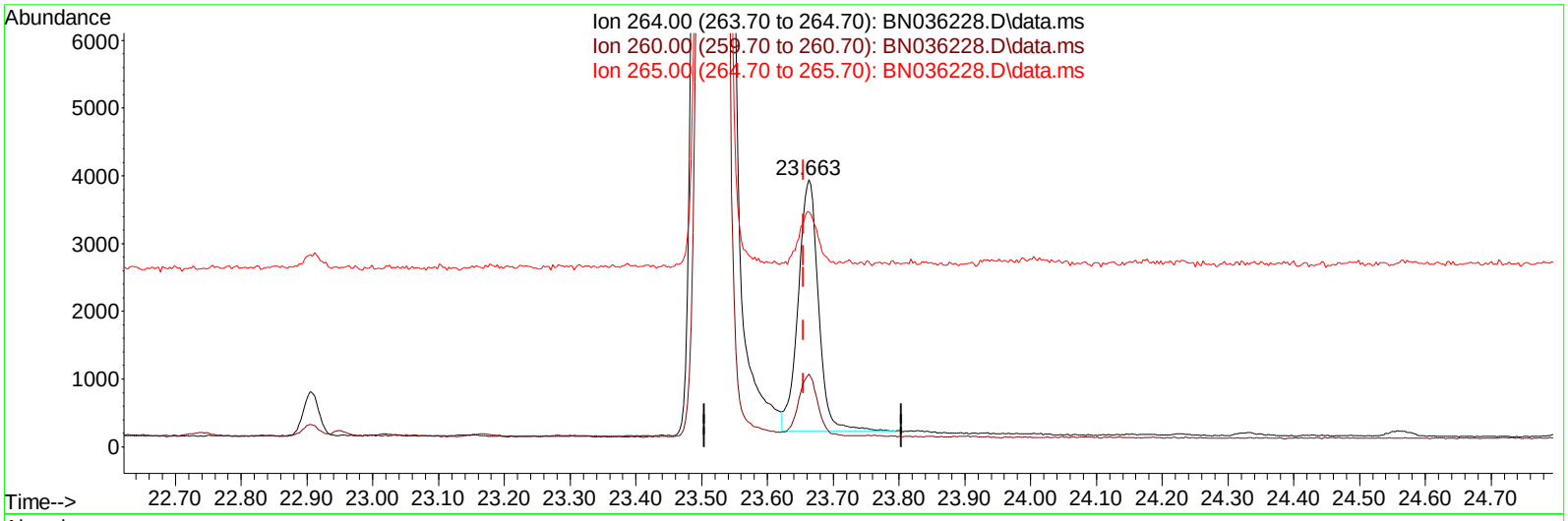
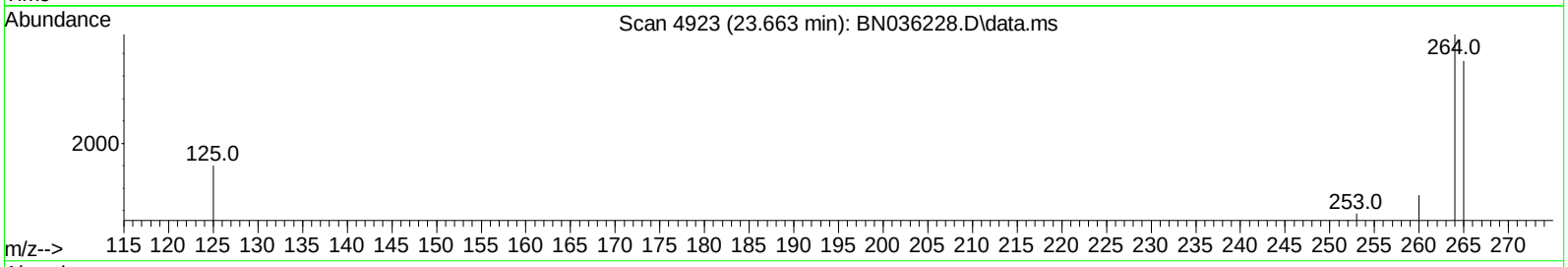
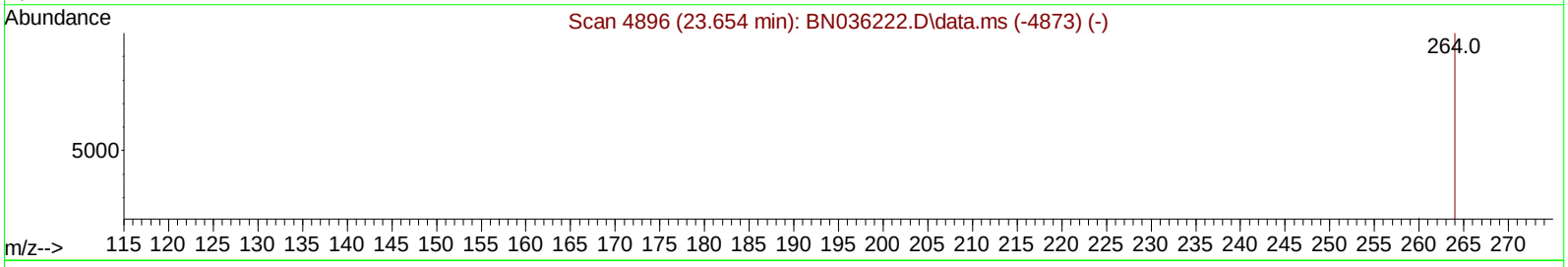
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BN036228.D\data.ms

(23) Perylene-d12 (I)

23.663min (+ 0.008) 0.40 ng/ul

response 7925

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	27.23
265.00	53.20	88.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : Q1248-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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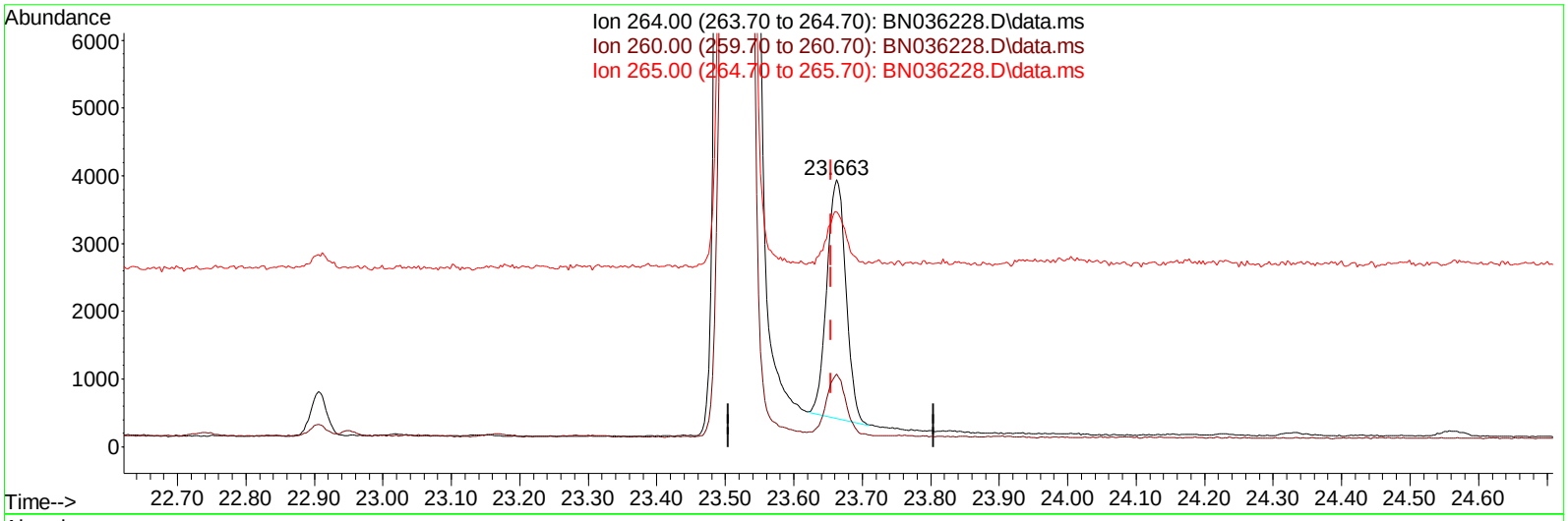
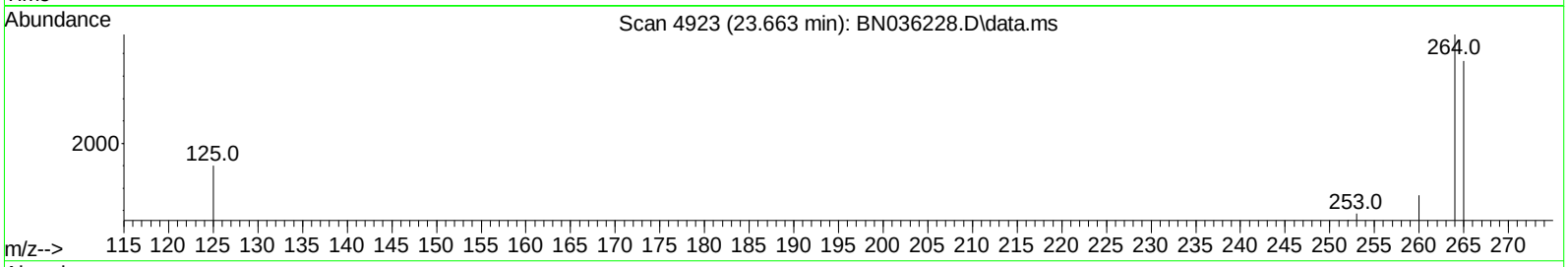
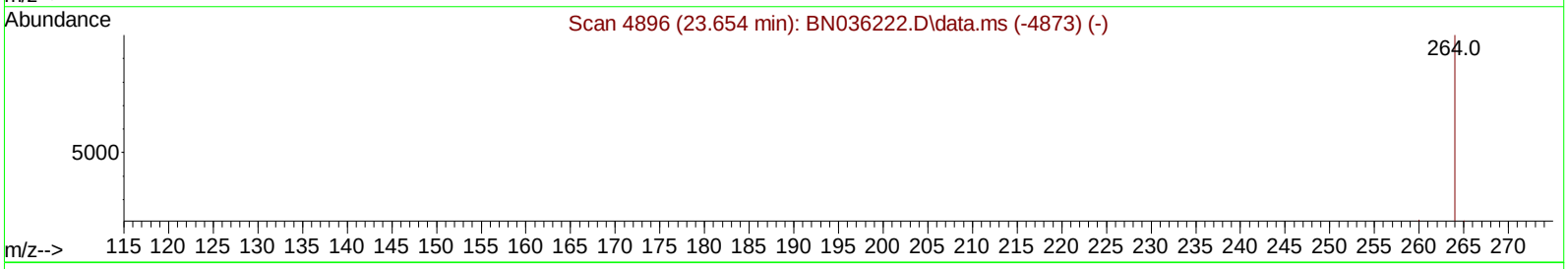
Instrument :
BNA_N
ClientSampleId :
A6319

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BN036228.D\data.ms

(23) Perylene-d12 (I)

23.663min (+ 0.008) 0.40 ng/ul m

response 6797

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	27.23
265.00	53.20	88.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
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Manual IntegrationsAPPROVED

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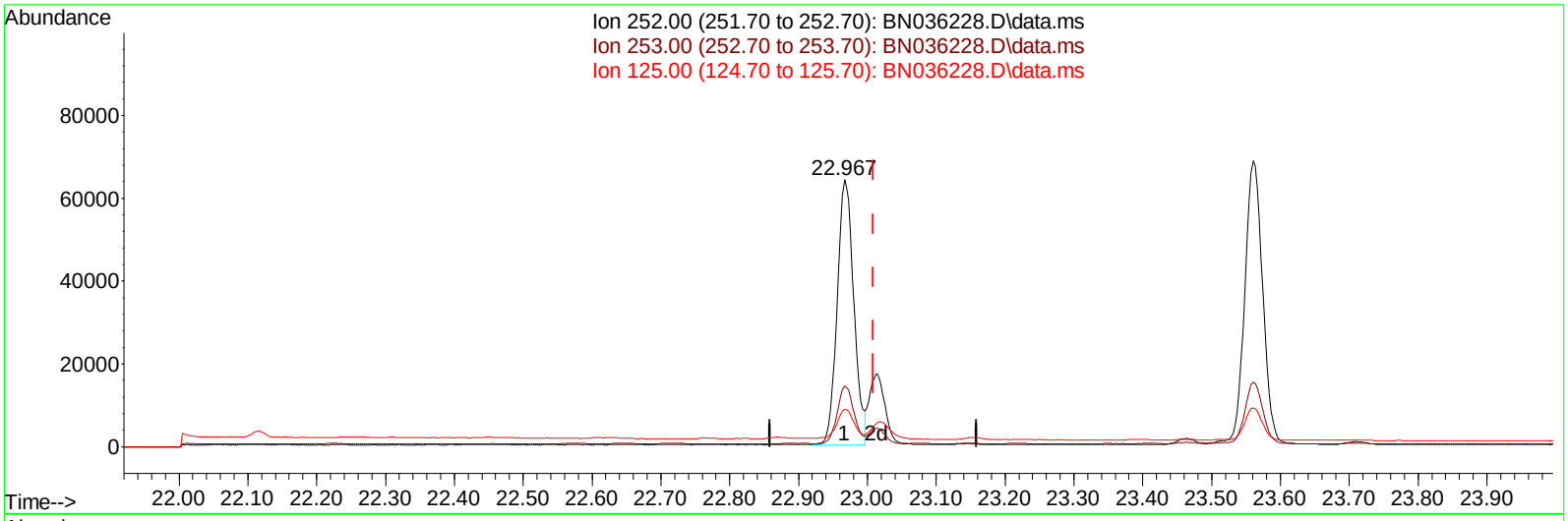
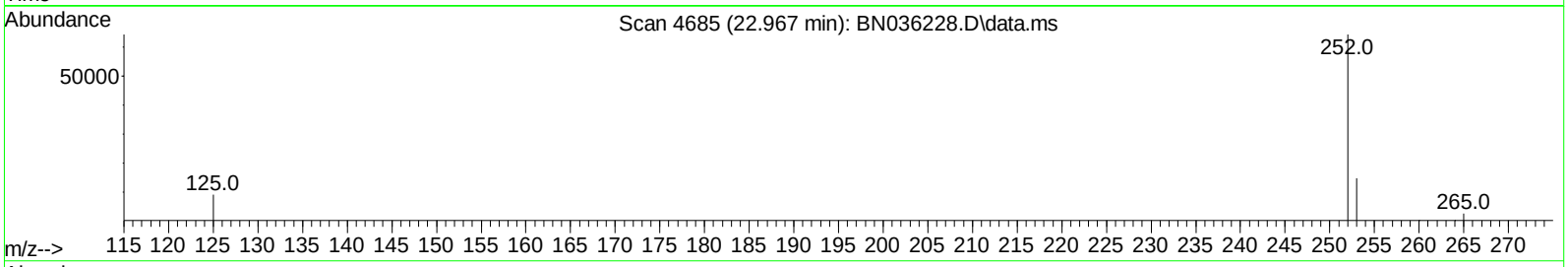
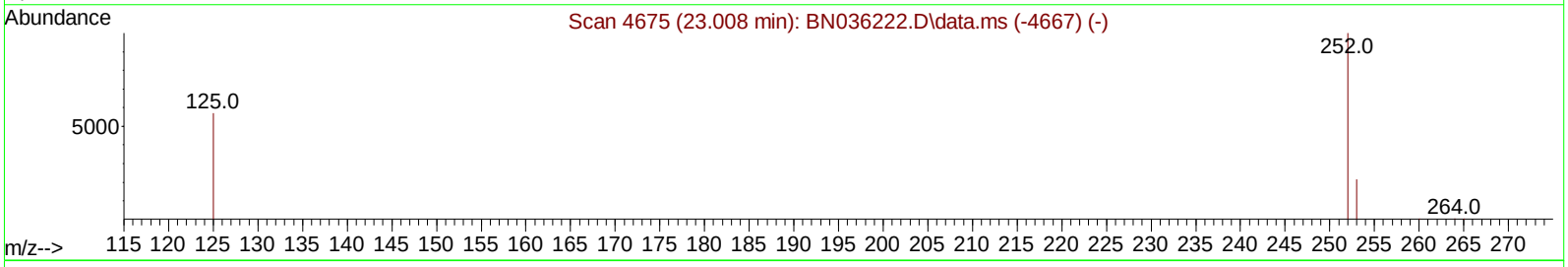
Supervised By :mohammad ahmed 02/07/2025







TIC: BN036228.D\data.ms

(25) Benzo(k)fluoranthene

22.967min (-0.042) 4.48 ng/ul

response 106919

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	22.83
125.00	13.30	14.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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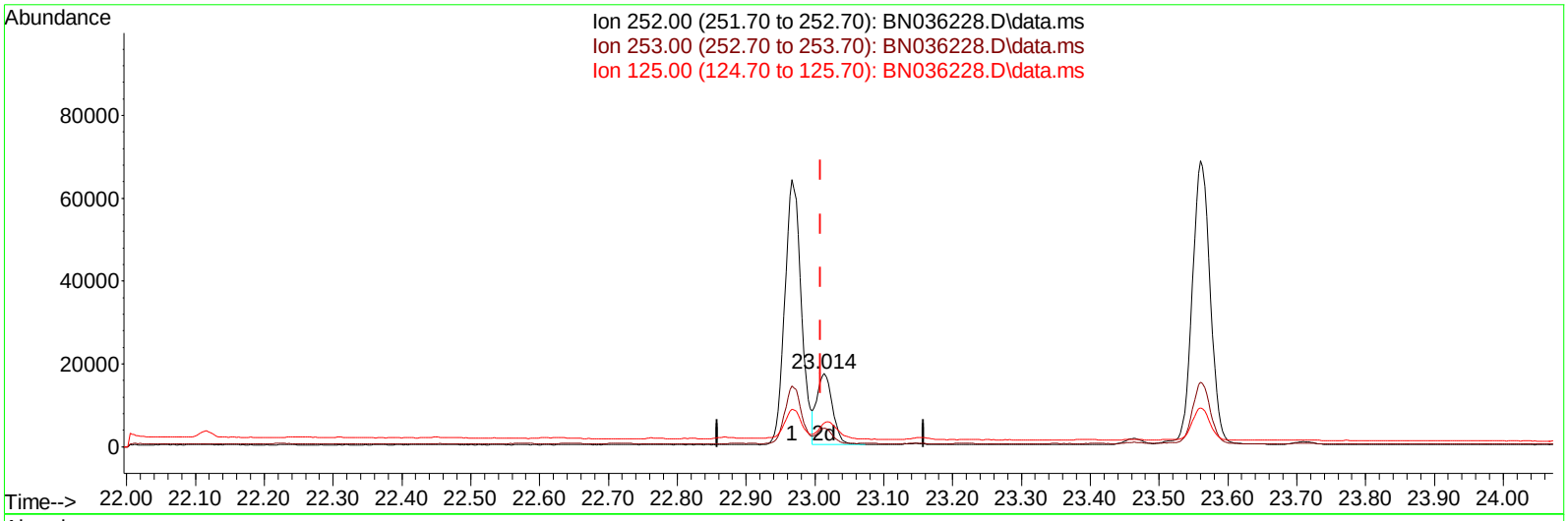

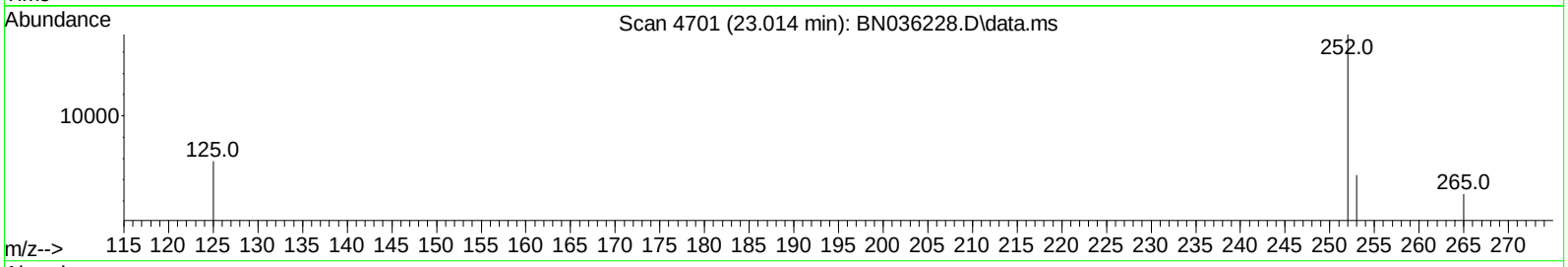

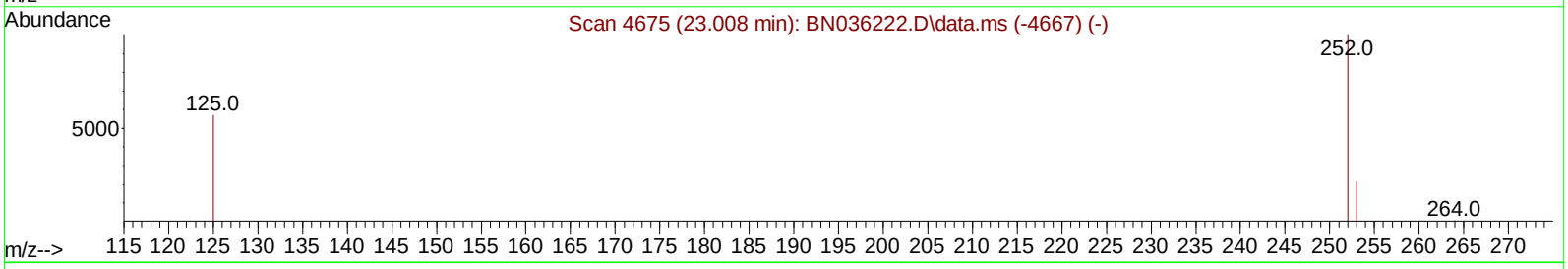

TIC: BN036228.D\data.ms

(25) Benzo(k)fluoranthene

23.014min (+ 0.005) 1.13 ng/ul m

response 27056

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	25.20
125.00	13.30	32.60#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	2594	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	6542	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	4039	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	8821m	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	8171m	0.400	ng/ul	0.00
23) Perylene-d12	23.663	264	6797m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	8342	2.937	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	1871	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.207	212	7462	0.332	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.628	128	146875	8.150	ng/ul	97
10) Acenaphthylene	14.146	152	67755	3.559	ng/ul	97
11) Acenaphthene	14.493	153	63508	4.532	ng/ul	97
12) Fluorene	15.478	166	24812	1.603	ng/ul	99
14) Pentachlorophenol	16.829	266	355	0.115	ng/ul	98
15) Phenanthrene	17.218	178	343998	13.318	ng/ul	97
16) Anthracene	17.306	178	262500	10.934	ng/ul	98
19) Fluoranthene	19.235	202	83110	2.676	ng/ul	98
20) Pyrene	19.602	202	126297	3.896	ng/ul	99
21) Benzo(a)anthracene	21.351	228	48194	1.652	ng/ul	99
22) Chrysene	21.403	228	258509	8.676	ng/ul	99
24) Benzo(b)fluoranthene	22.967	252	106919	4.714	ng/ul	96
25) Benzo(k)fluoranthene	23.014	252	27056m	1.134	ng/ul	
26) Benzo(a)pyrene	23.560	252	124867	6.095	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.994	276	73153	2.700	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.007	278	63138	3.024	ng/ul	96
29) Benzo(g,h,i)perylene	26.708	276	180380	8.571	ng/ul	96

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

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