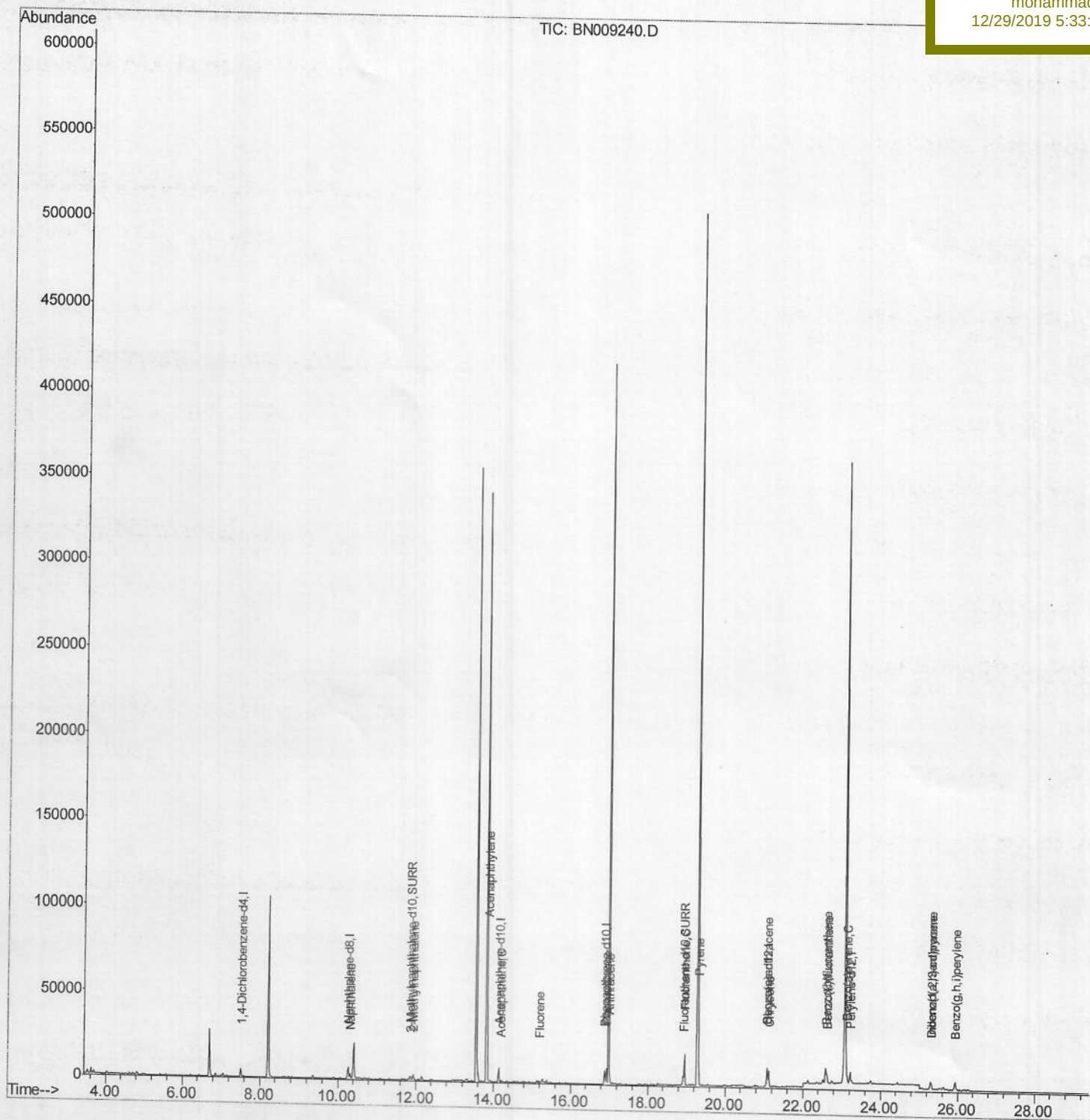


Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009240.D
Acq On : 28 Dec 2019 22:16
Operator : JU
Sample : K6278-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C69

Manual Integrations
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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\

Data File : BN009240.D

Acq On : 28 Dec 2019 22:16

Operator : JU

Sample : K6278-16

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 04:44:20 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Dec 29 04:38:59 2019

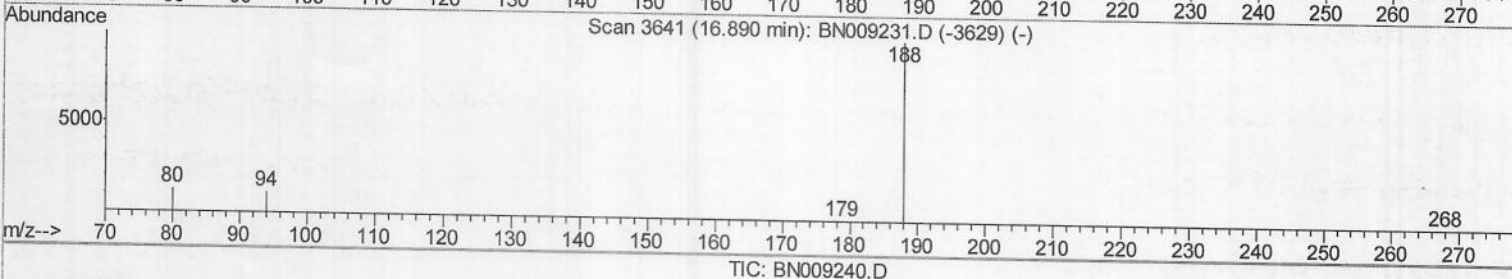
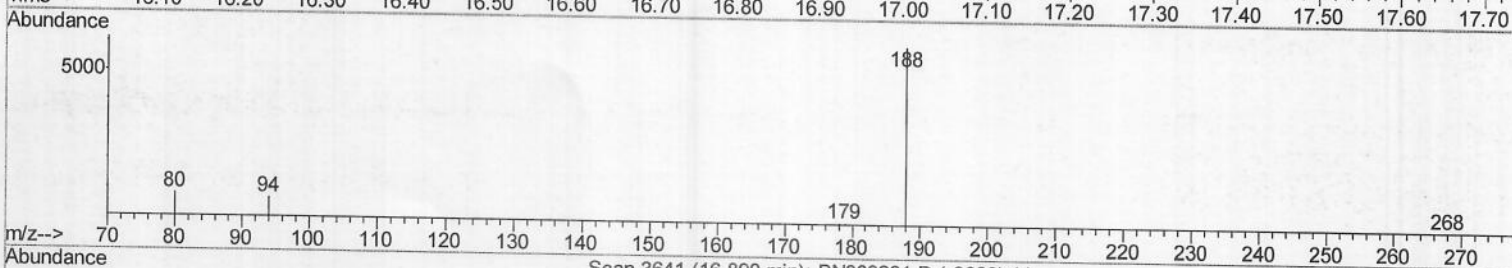
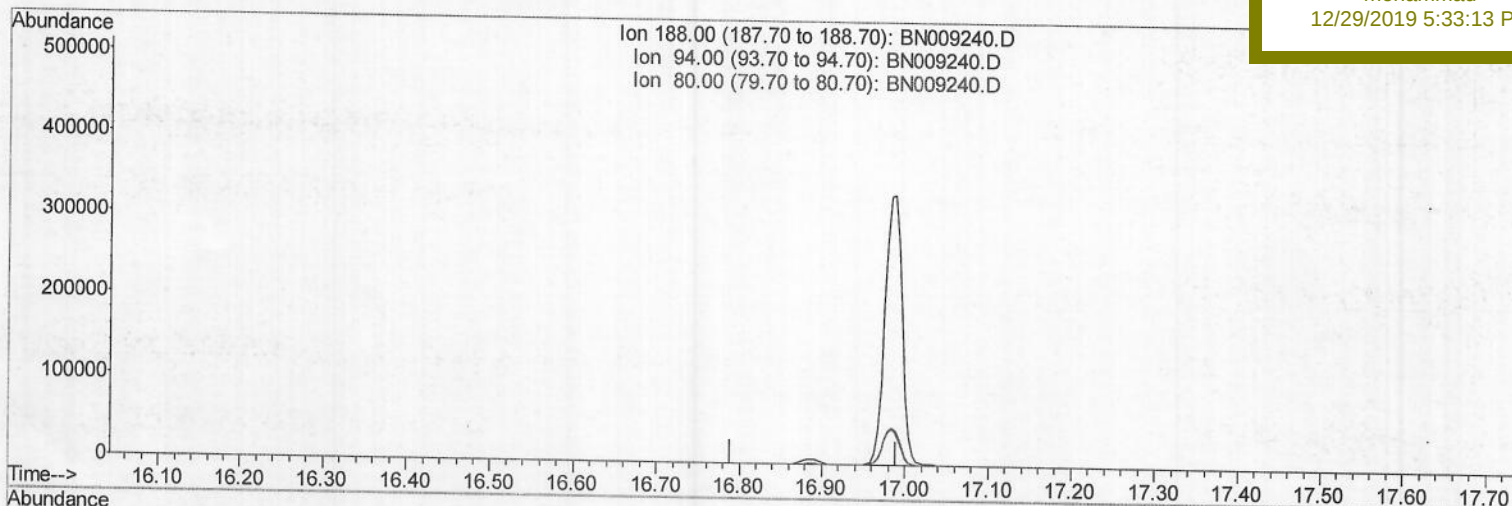
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0C69

Manual Integrations
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(10) Phenanthrene-d10 (I)

16.890min (-16.890) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.60	0.00#
80.00	13.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

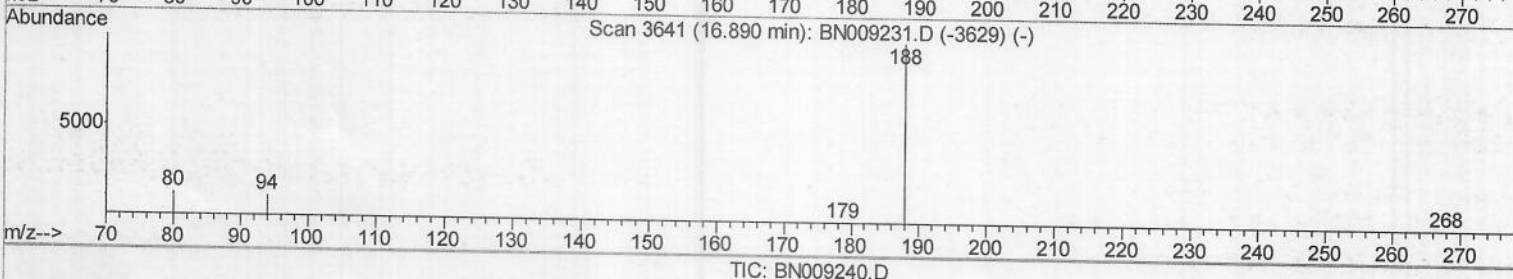
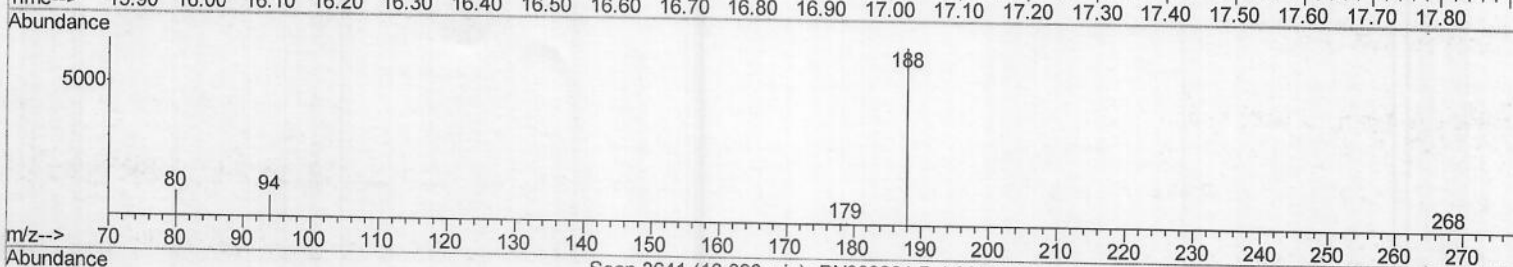
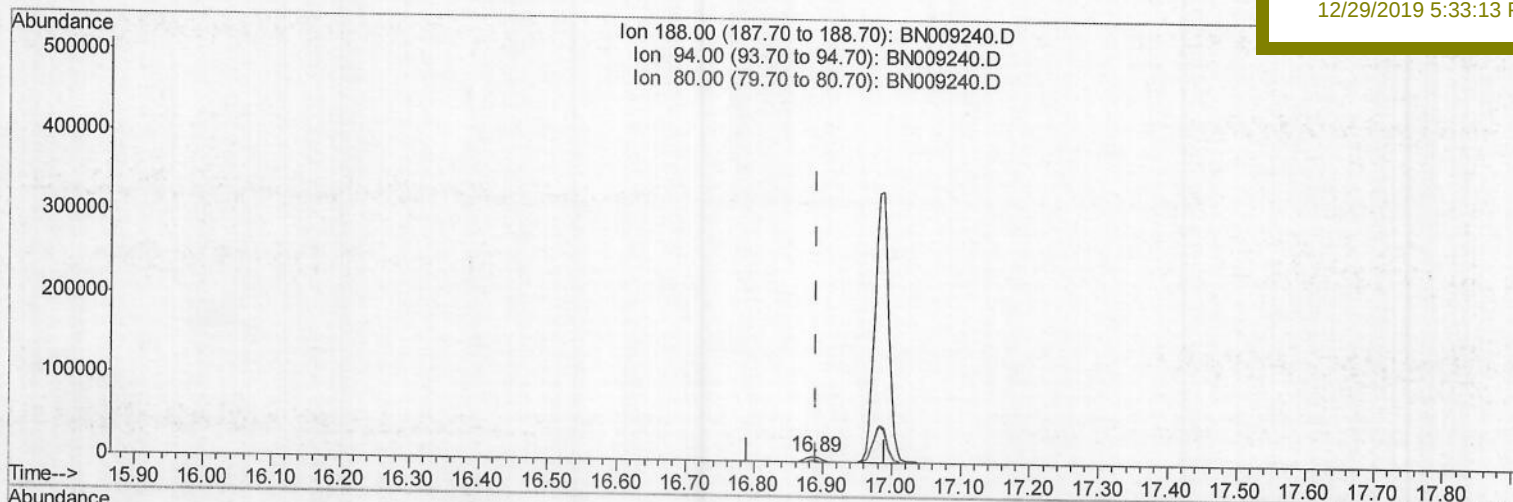
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009240.D
 Acq On : 28 Dec 2019 22:16
 Operator : JU
 Sample : K6278-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 C0C69

Manual Integrations
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Quant Time: Dec 29 04:44:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.886min (-0.004) 0.40ng/ul m > JU 12/30/19

response 9193

Ion	Exp%	Act%
188.00	100	100
94.00	11.60	12.54
80.00	13.70	14.06
0.00	0.00	0.00

Quantitation Report (Qedit)

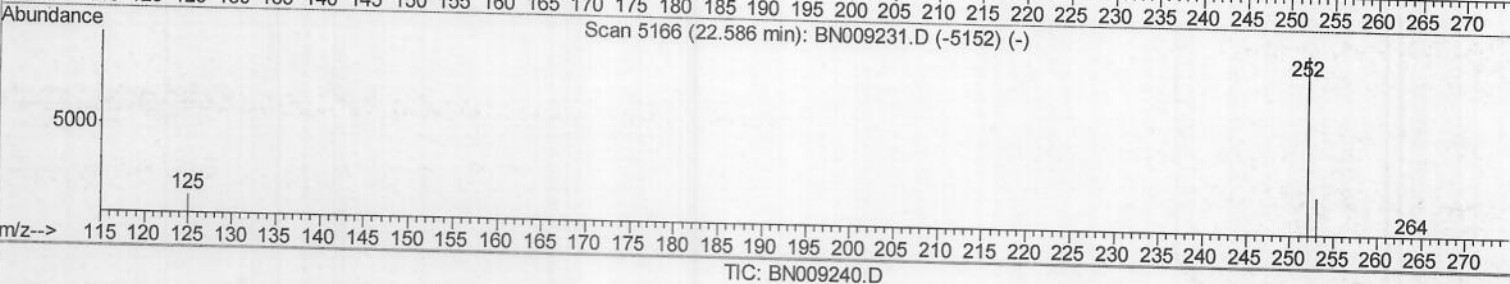
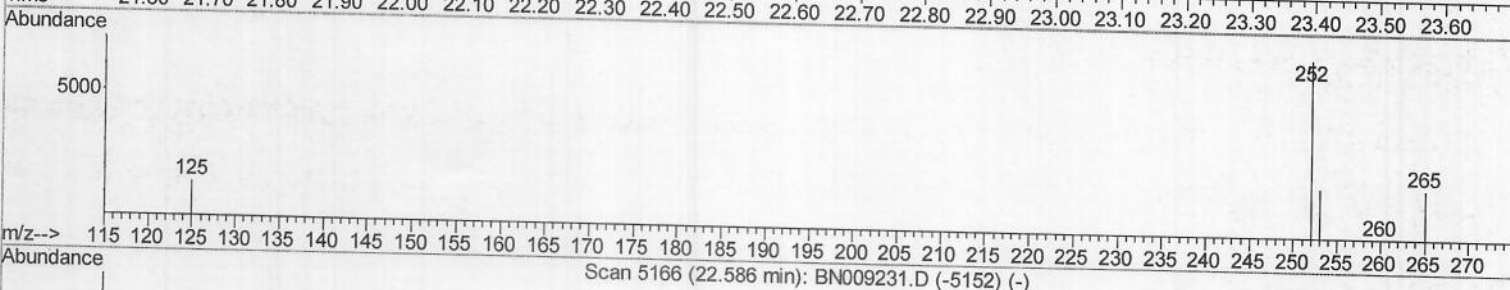
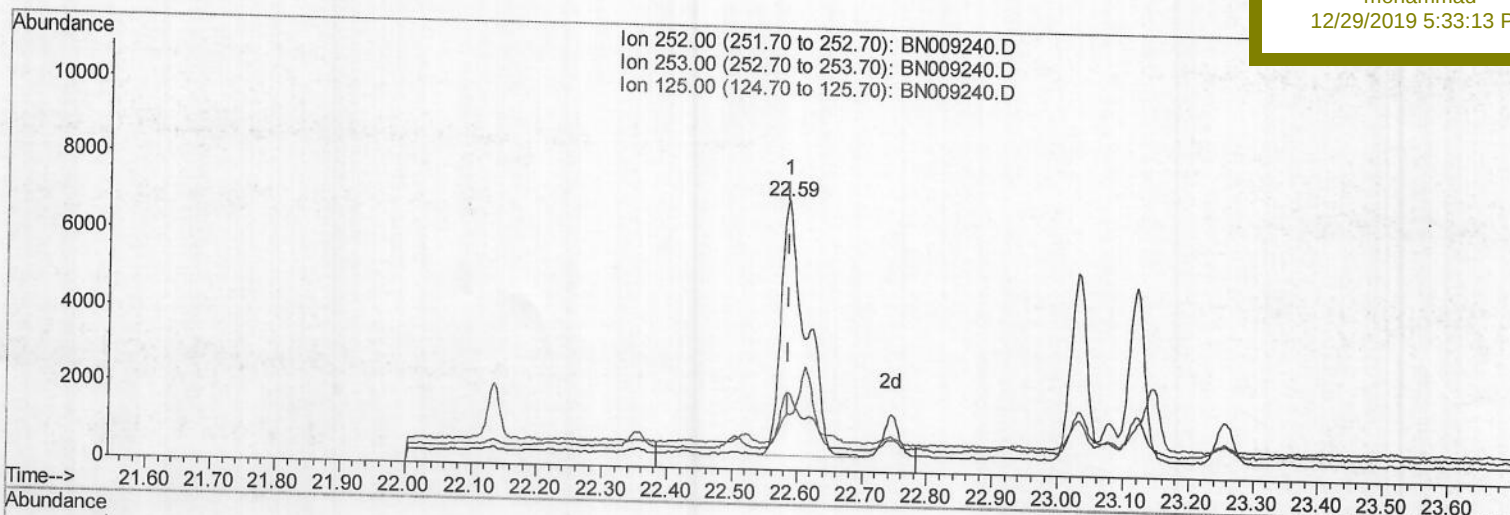
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009240.D
 Acq On : 28 Dec 2019 22:16
 Operator : JU
 Sample : K6278-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 05:35:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sampled :
 C0C69

Manual Integrations
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(21) Benzo(b)fluoranthene
 22.586min (+0.000) 0.50ng/ul
 response 17685

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	28.47
125.00	15.00	20.79
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\

Data File : BN009240.D

Acq On : 28 Dec 2019 22:16

Operator : JU

Sample : K6278-16

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 05:35:56 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Dec 29 04:38:59 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

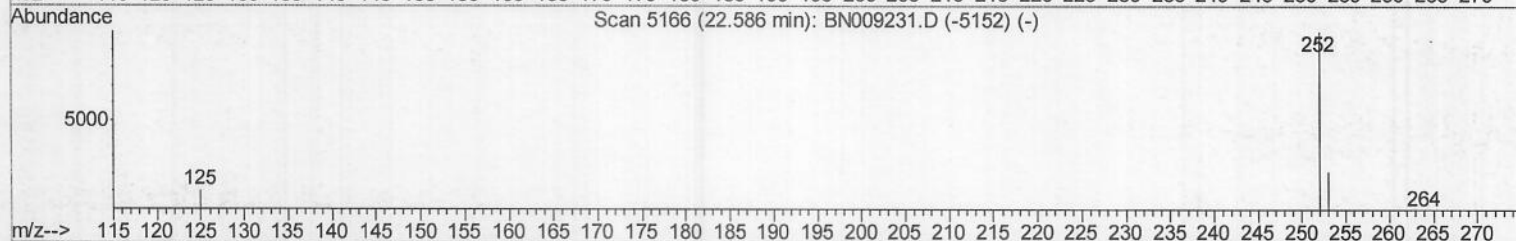
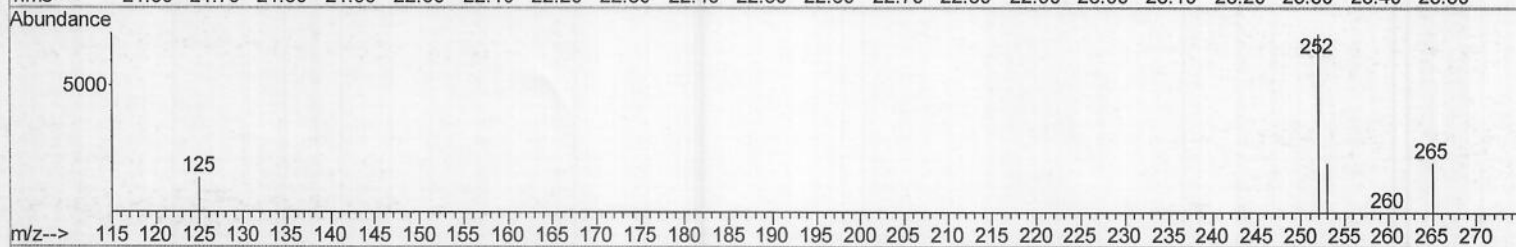
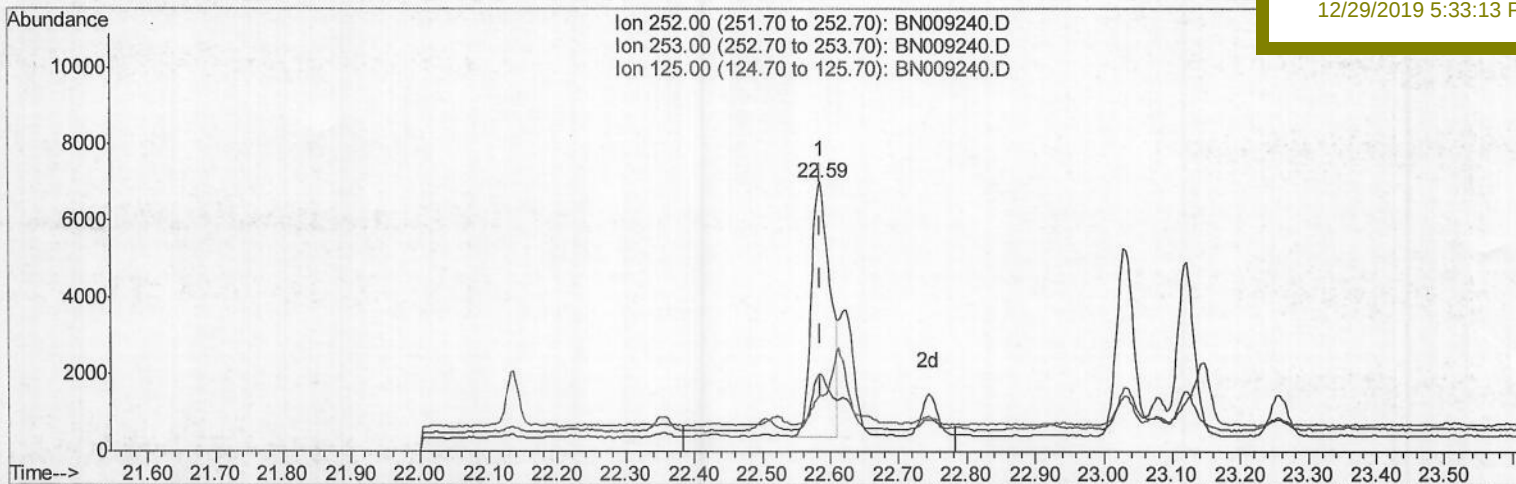
C0C69

Manual Integrations

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TIC: BN009240.D

(21) Benzo(b)fluoranthene

22.586min (+0.000) 0.36ng/ul m

response 12715

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	28.47
125.00	15.00	20.79
0.00	0.00	0.00

> JU 12/30/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\

Data File : BN009240.D

Acq On : 28 Dec 2019 22:16

Operator : JU

Sample : K6278-16

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 05:35:56 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Dec 29 04:38:59 2019

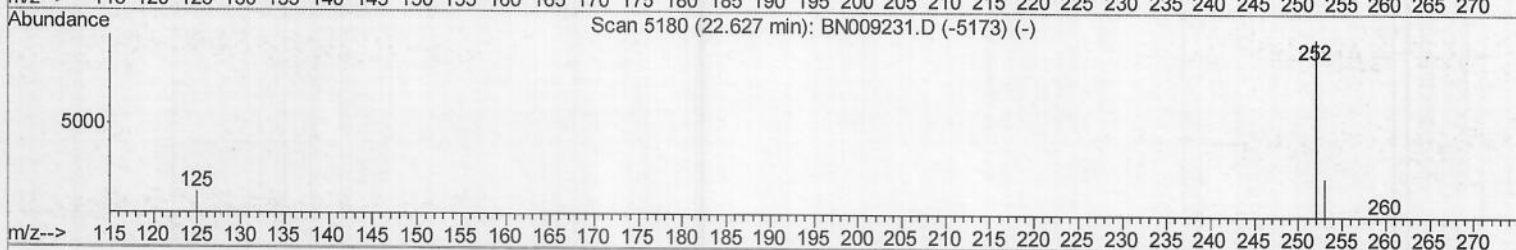
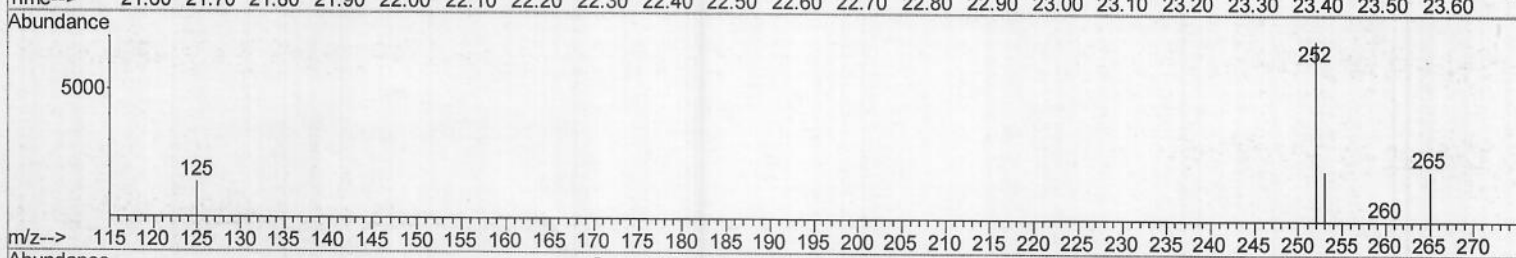
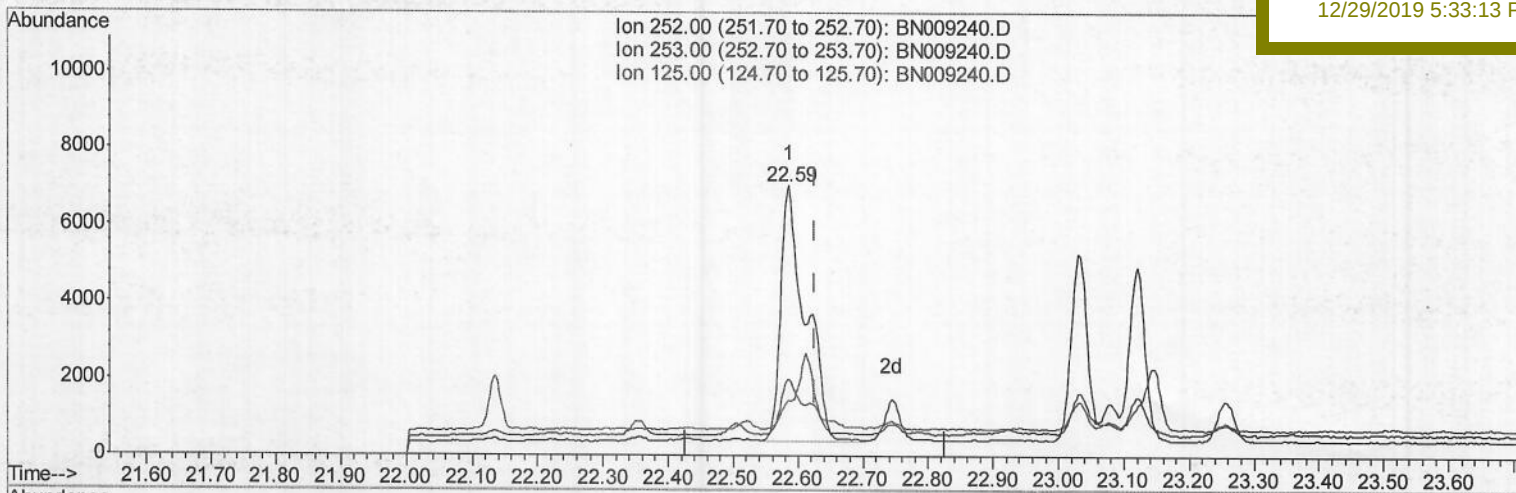
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0C69

Manual Integrations
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TIC: BN009240.D

(22) Benzo(k)fluoranthene

22.586min (-0.041) 0.50ng/ul

response 17685

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	28.47
125.00	15.50	20.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009240.D

Acq On : 28 Dec 2019 22:16

Operator : JU

Sample : K6278-16

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 05:35:56 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Dec 29 04:38:59 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

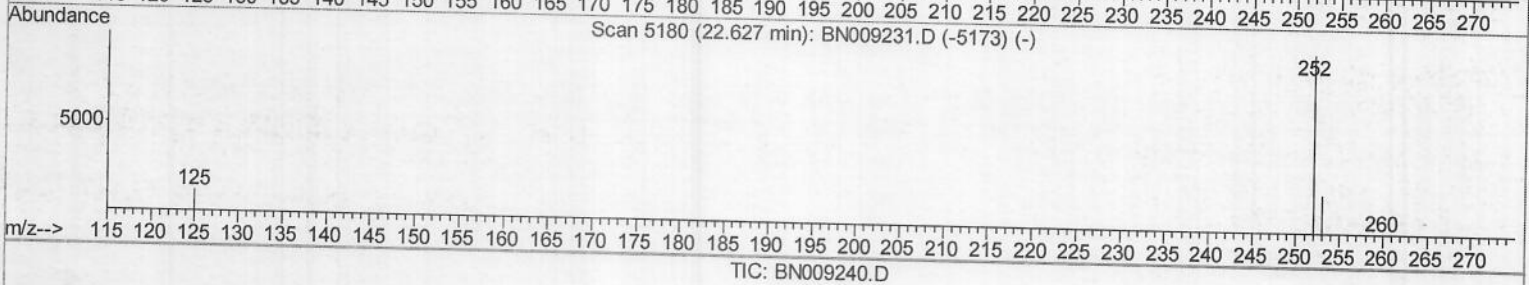
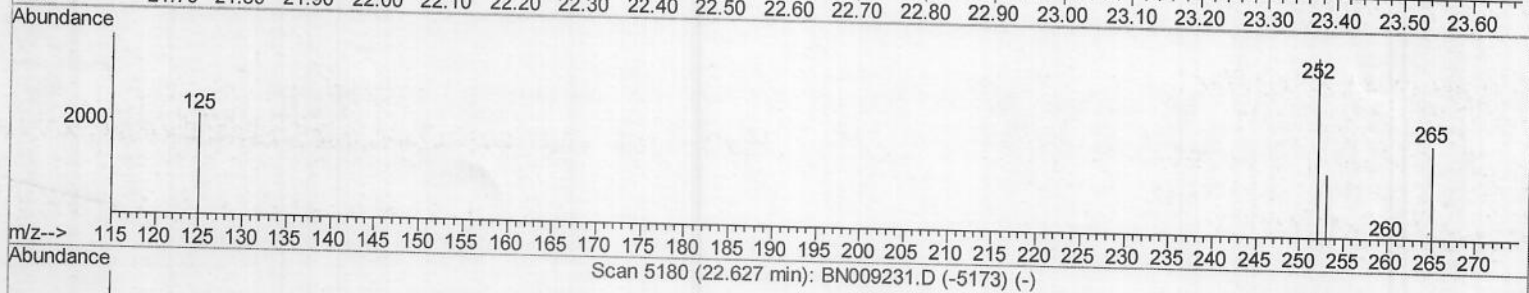
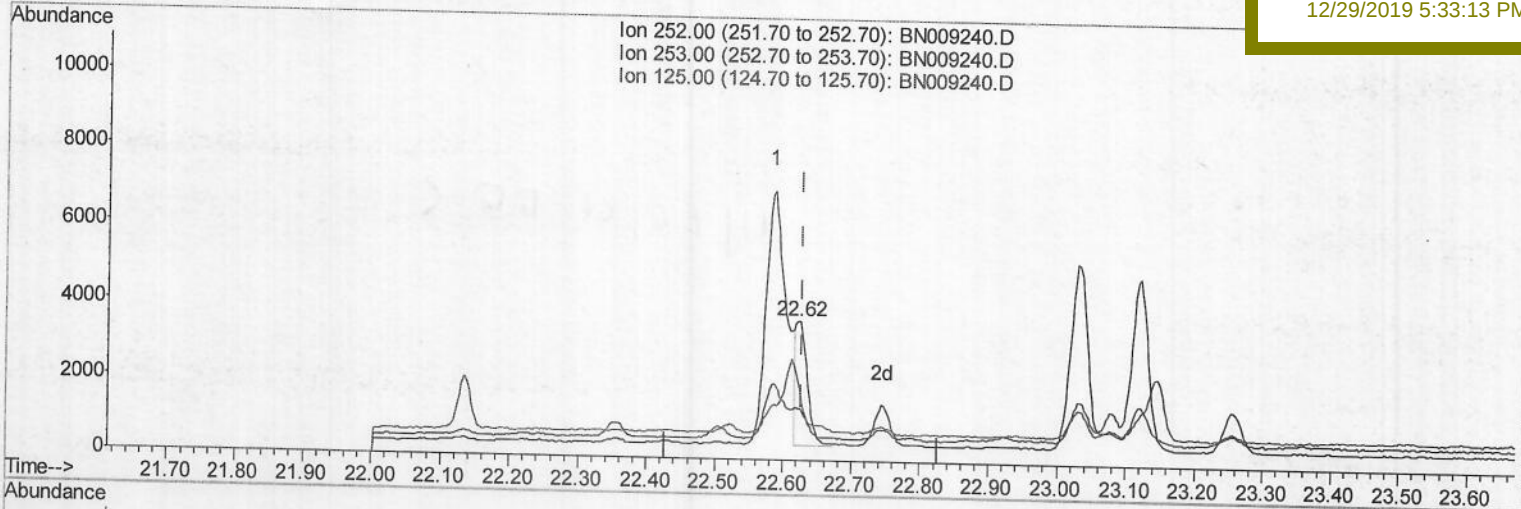
C0C69

Manual Integrations

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(22) Benzo(k)fluoranthene

22.621min (-0.006) 0.11ng/ul m > JU 12/30/19

response 3955

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	37.75#
125.00	15.50	57.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009240.D
 Acq On : 28 Dec 2019 22:16
 Operator : JU
 Sample : K6278-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 C0C69

Manual Integrations
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Quant Time: Dec 29 05:38:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2233	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4509	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9193m	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7312	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7550	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	11.86	152	2891	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	6031	0.22	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.31	128	3520	0.142	ng/ul#	95
5) 2-Methylnaphthalene	11.93	142	2075	0.111	ng/ul	99
7) Acenaphthylene	13.85	152	1460	0.062	ng/ul#	85
8) Acenaphthene	14.20	153	454	0.024	ng/ul#	93
9) Fluorene	15.19	166	492	0.022	ng/ul#	85
12) Phenanthrene	16.93	178	9595	0.300	ng/ul	98
13) Anthracene	17.02	178	1607	0.056	ng/ul#	86
15) Fluoranthene	18.95	202	15644	0.428	ng/ul	100
17) Pyrene	19.32	202	14027	0.376	ng/ul	100
18) Benzo(a)anthracene	21.07	228	7287	0.224	ng/ul#	92
19) Chrysene	21.12	228	9572	0.293	ng/ul#	94
21) Benzo(b)fluoranthene	22.59	252	12715m	0.361	ng/ul	95
22) Benzo(k)fluoranthene	22.62	252	3955m	0.111	ng/ul	95
23) Benzo(a)pyrene	23.12	252	7631	0.247	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.30	276	6699	0.199	ng/ul#	47
25) Dibenzo(a,h)anthracene	25.31	278	2160	0.081	ng/ul#	49
26) Benzo(a,h,i)perylene	25.94	276	8480	0.299	ng/ul	95

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