

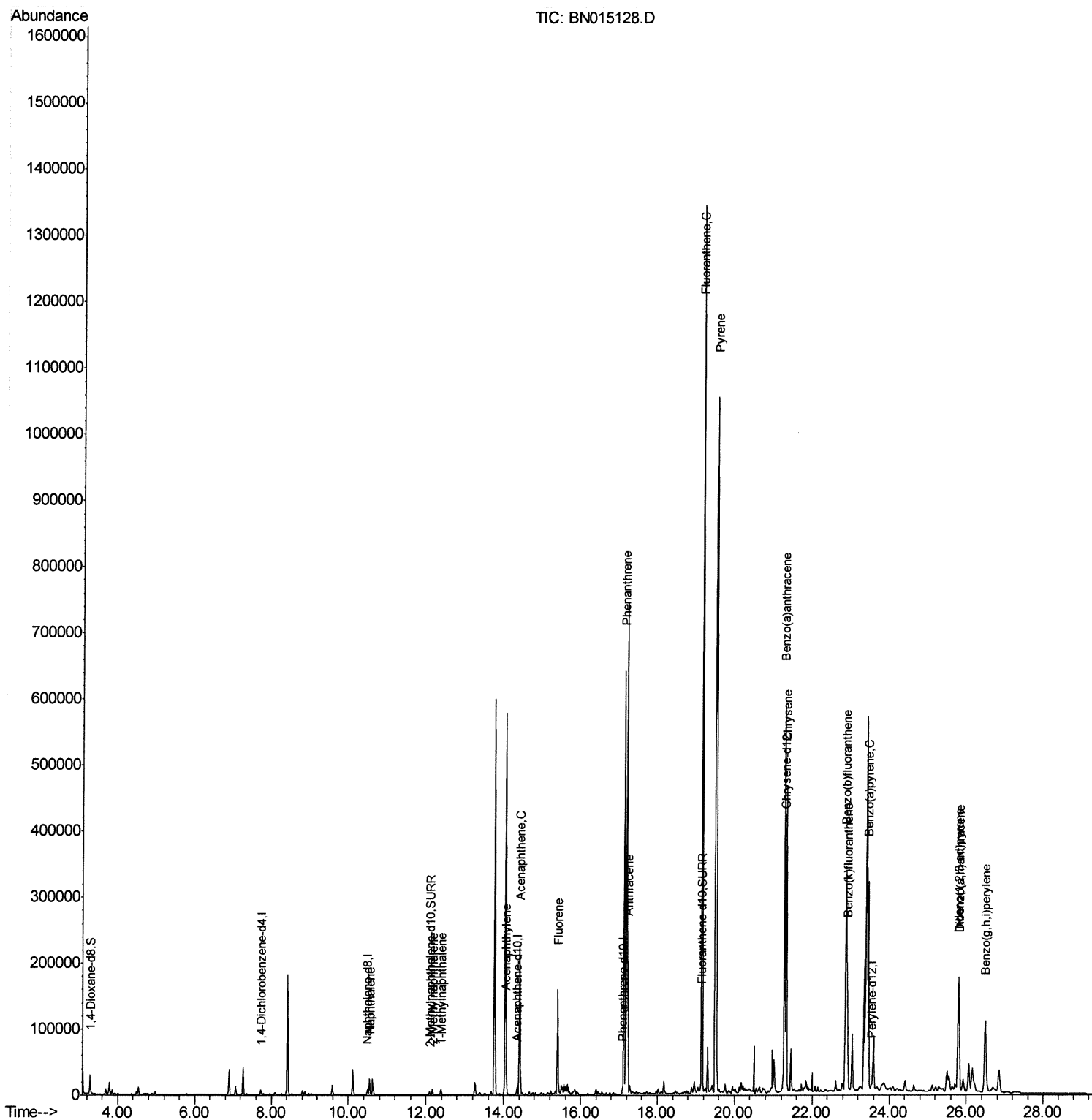
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015128.D
Acq On : 26 Jun 2021 22:23
Operator : CG/JU
Sample : M2680-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDC6

Manual Integrations
APPROVED

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Quant Time: Jun 27 07:43:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration



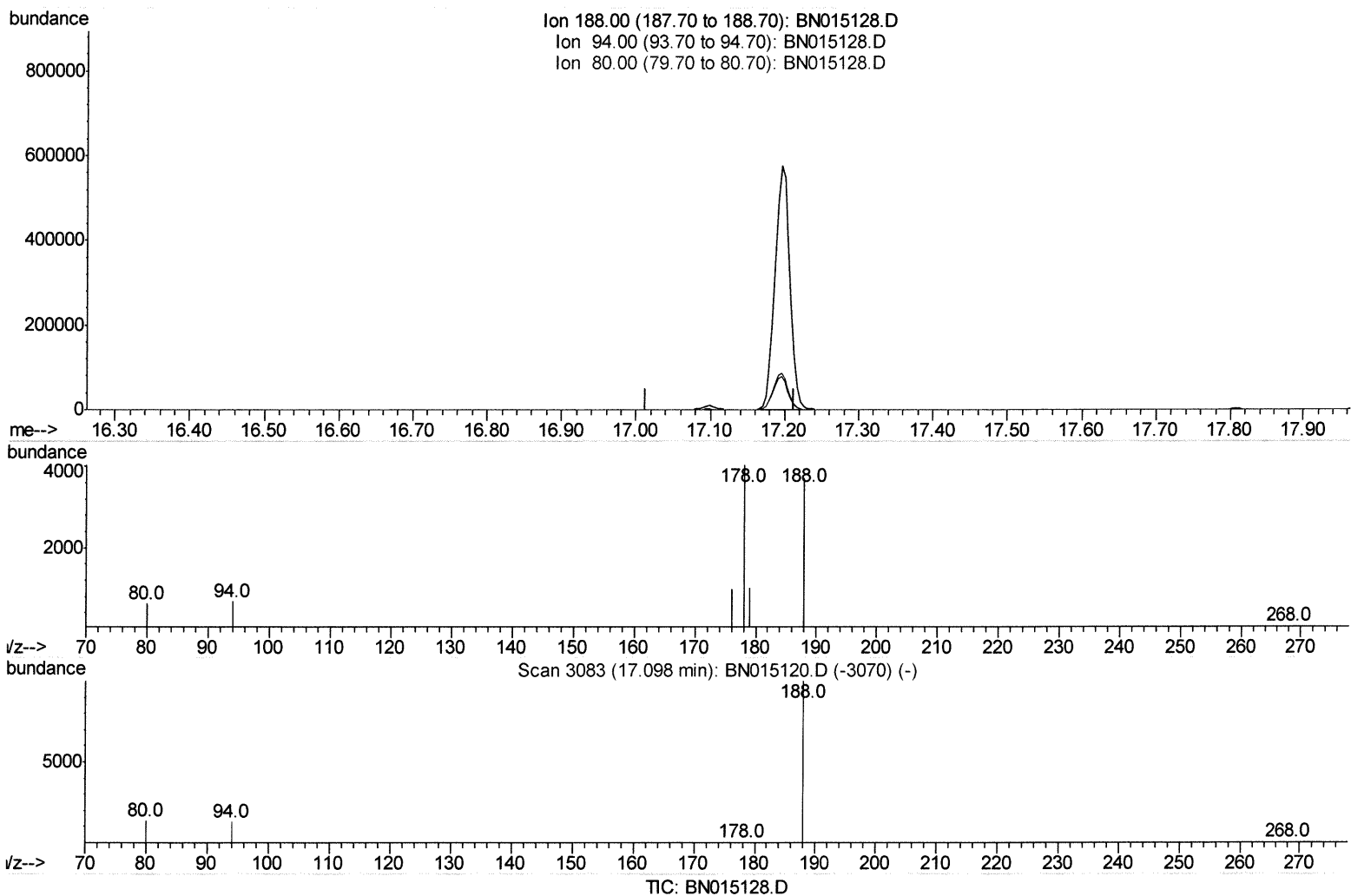
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Quant Time: Jun 27 06:43:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(13) Phenanthrene-d10 (I)

17.113min (-17.113) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	14.10	0.00#
80.00	14.40	0.00#
0.00	0.00	0.00

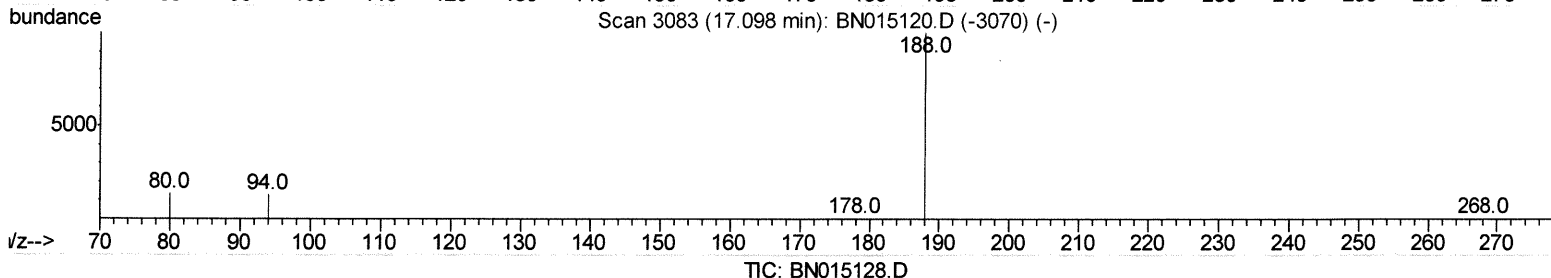
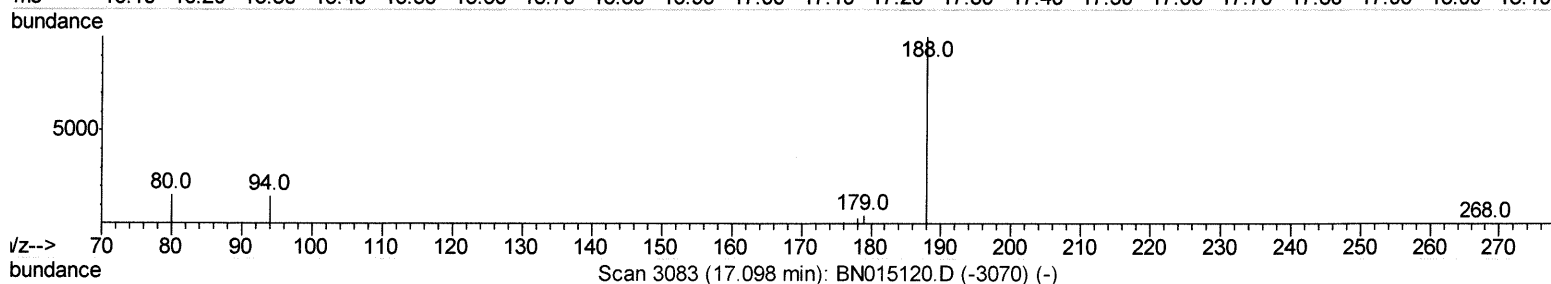
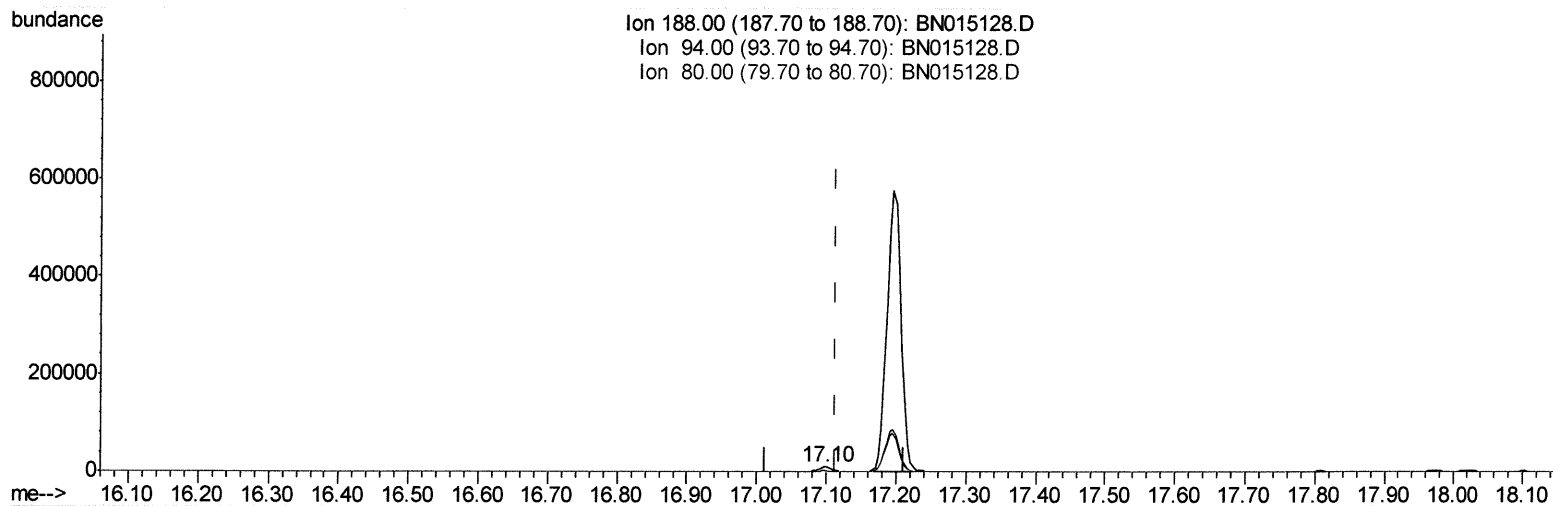
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Manual Integrations
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(13) Phenanthrene-d10 (I)

17.098min (-0.015) 0.40ng/ul m

response 13603

Ion	Exp%	Act%
188.00	100	100
94.00	14.10	14.93
80.00	14.40	15.71
0.00	0.00	0.00

36/20/21

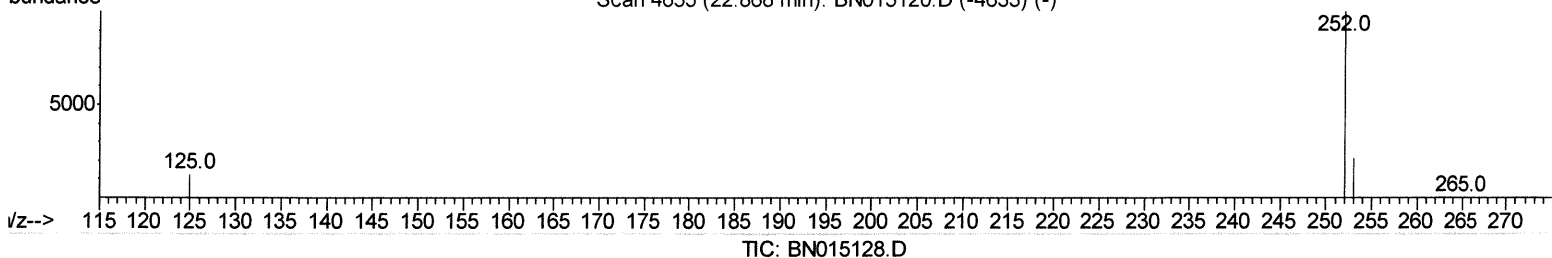
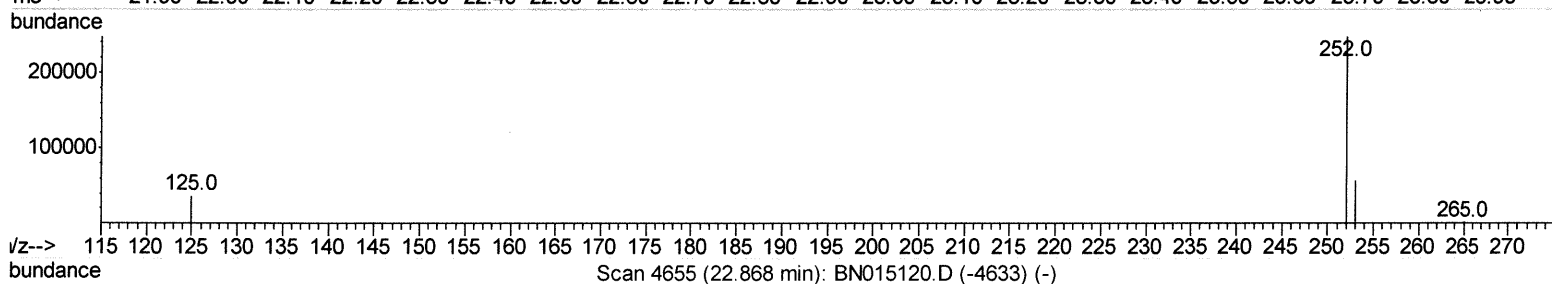
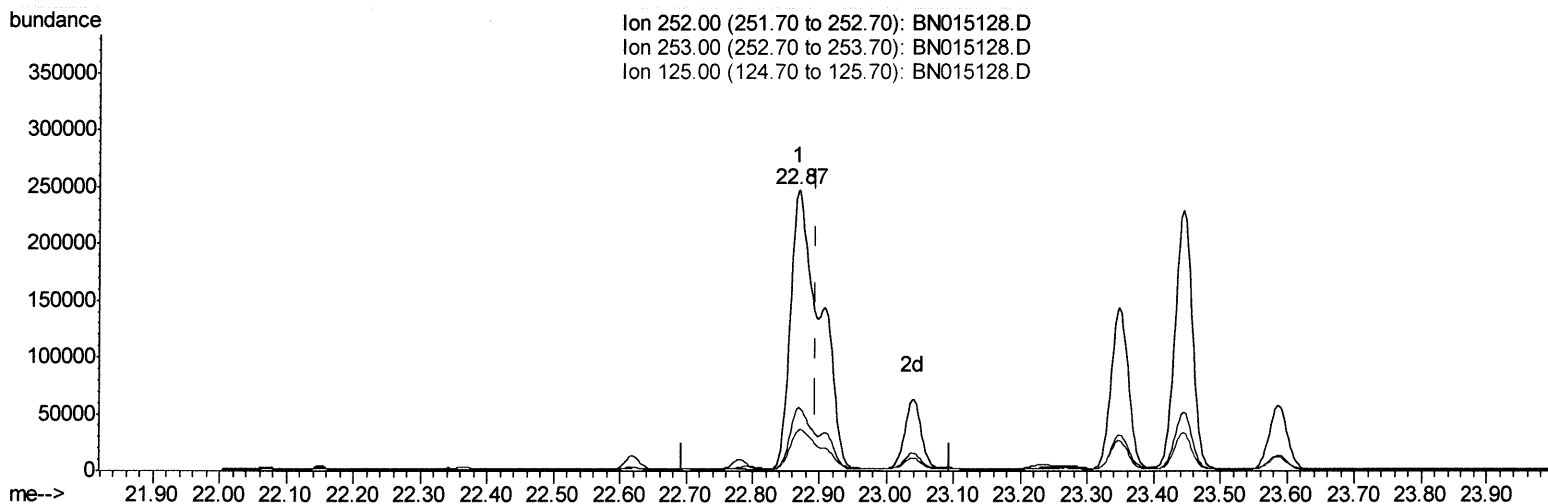
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015128.D
Acq On : 26 Jun 2021 22:23
Operator : CG/JU
Sample : M2680-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDC6

Quant Time: Jun 27 07:40:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
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Manual Integrations
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(24) Benzo(b)fluoranthene

22.868min (-0.026) 15.23ng/ul

response 763812

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.60
125.00	14.20	14.58
0.00	0.00	0.00

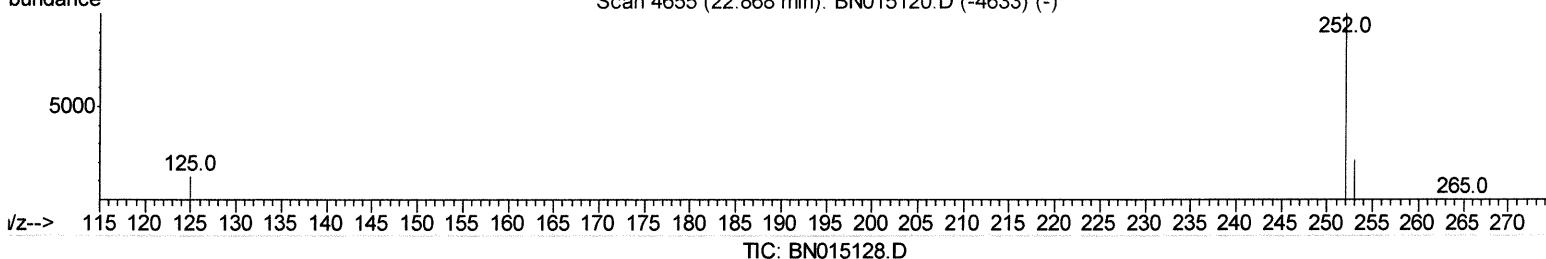
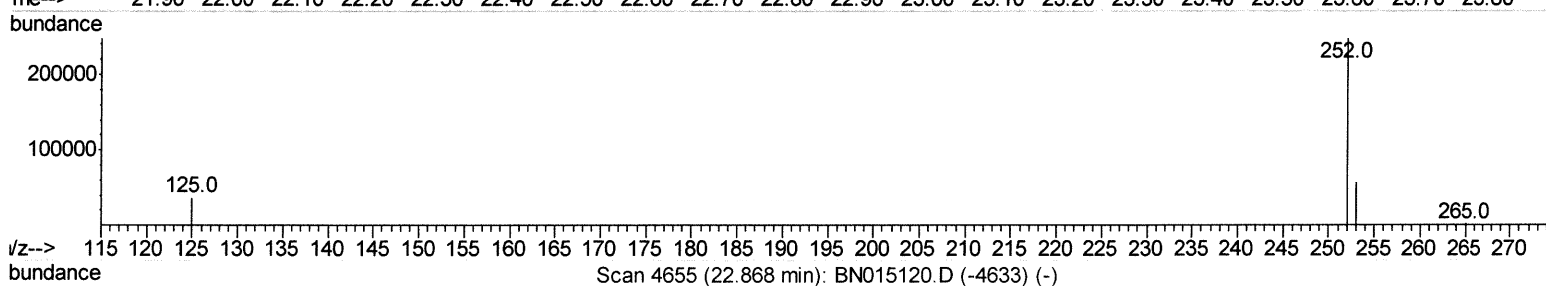
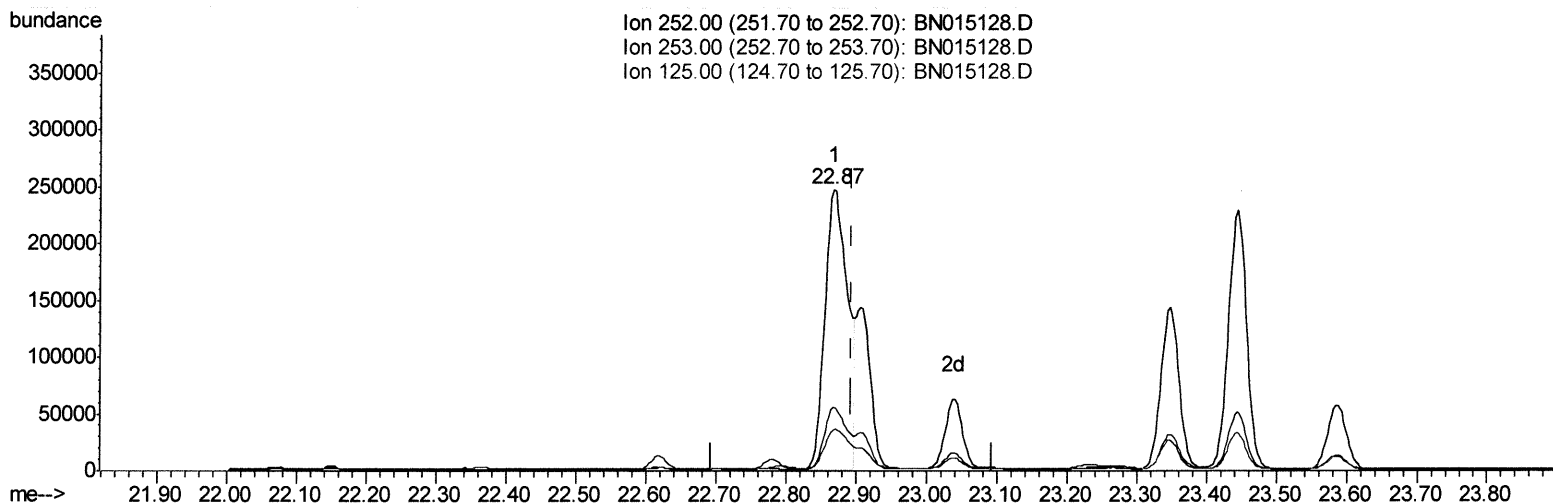
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015128.D
 Acq On : 26 Jun 2021 22:23
 Operator : CG/JU
 Sample : M2680-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC6

Quant Time: Jun 27 07:40:31 2021
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Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:27:34 PM



(24) Benzo(b)fluoranthene

22.868min (-0.026) 11.01ng/ul m

response 552019

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.60
125.00	14.20	14.58
0.00	0.00	0.00

JU 6/20/21

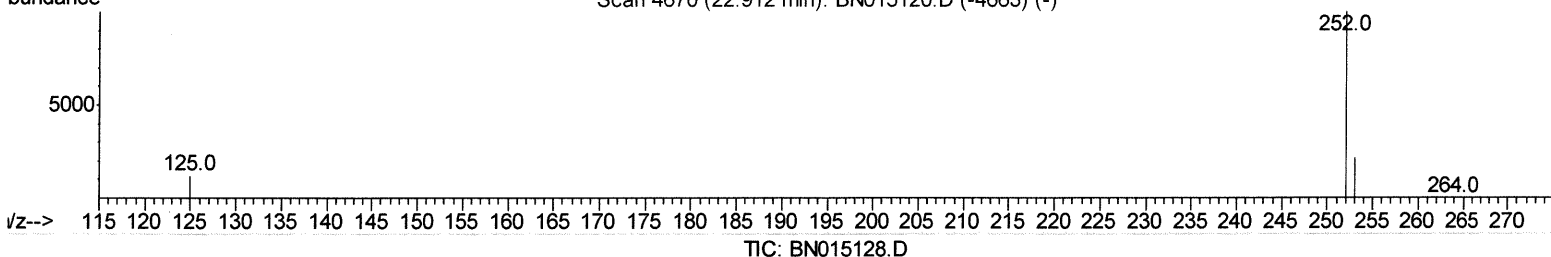
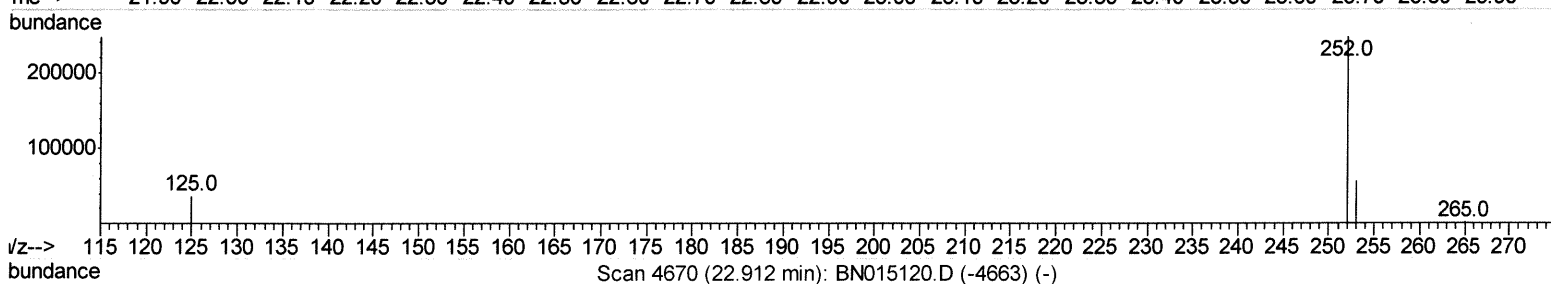
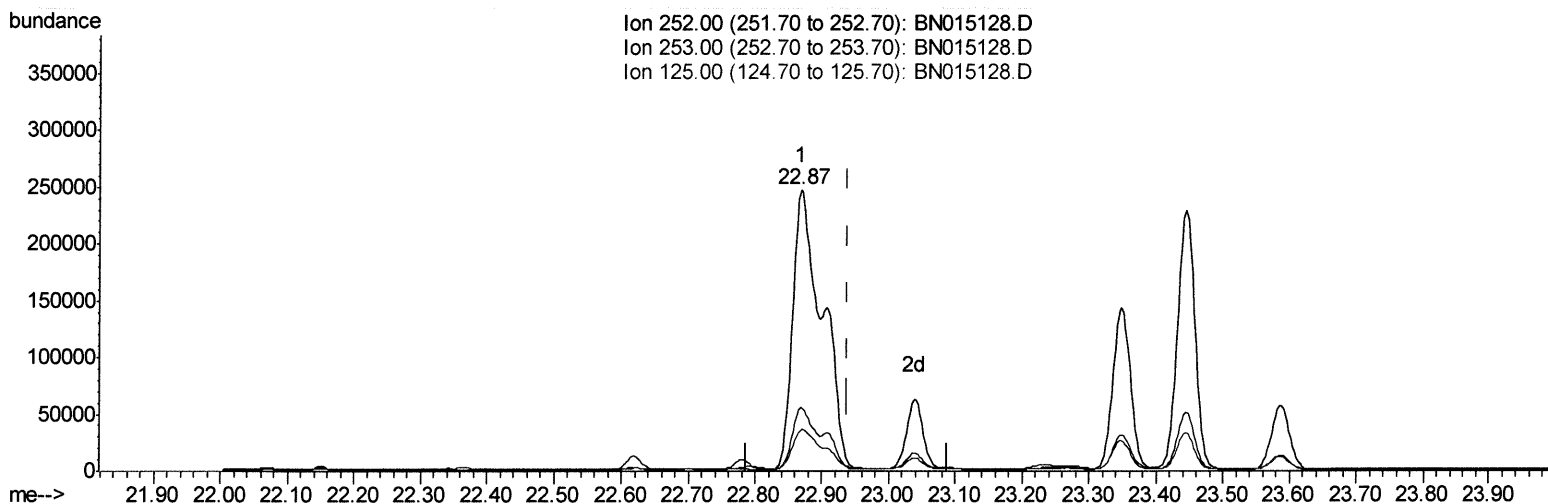
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015128.D
 Acq On : 26 Jun 2021 22:23
 Operator : CG/JU
 Sample : M2680-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC6

Quant Time: Jun 27 07:41:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 11:53:52 2021
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Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:27:34 PM



(25) Benzo(k)fluoranthene

22.868min (-0.070) 13.49ng/ul

response 763812

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.60
125.00	14.40	14.58
0.00	0.00	0.00

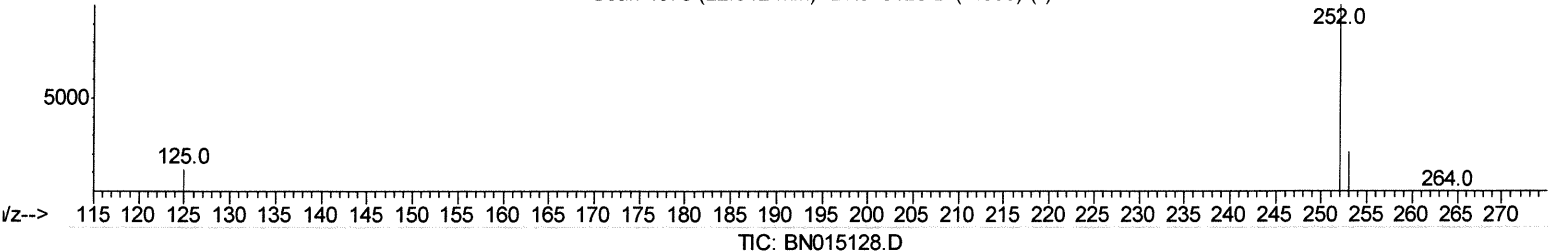
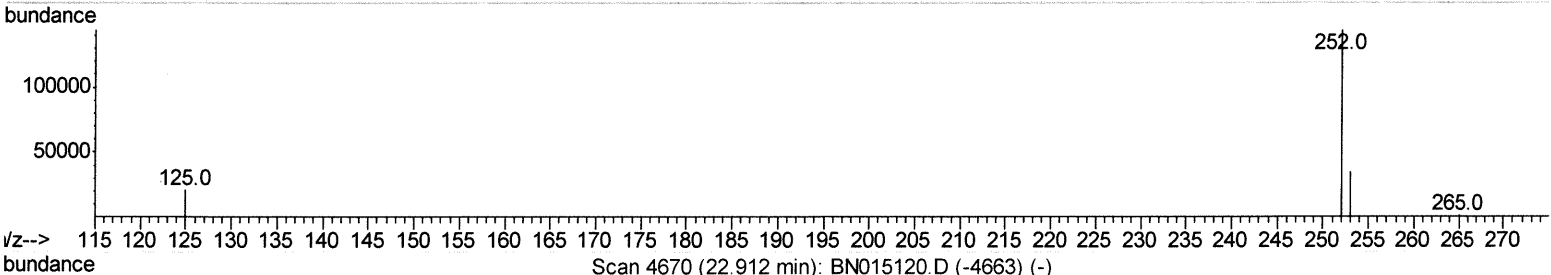
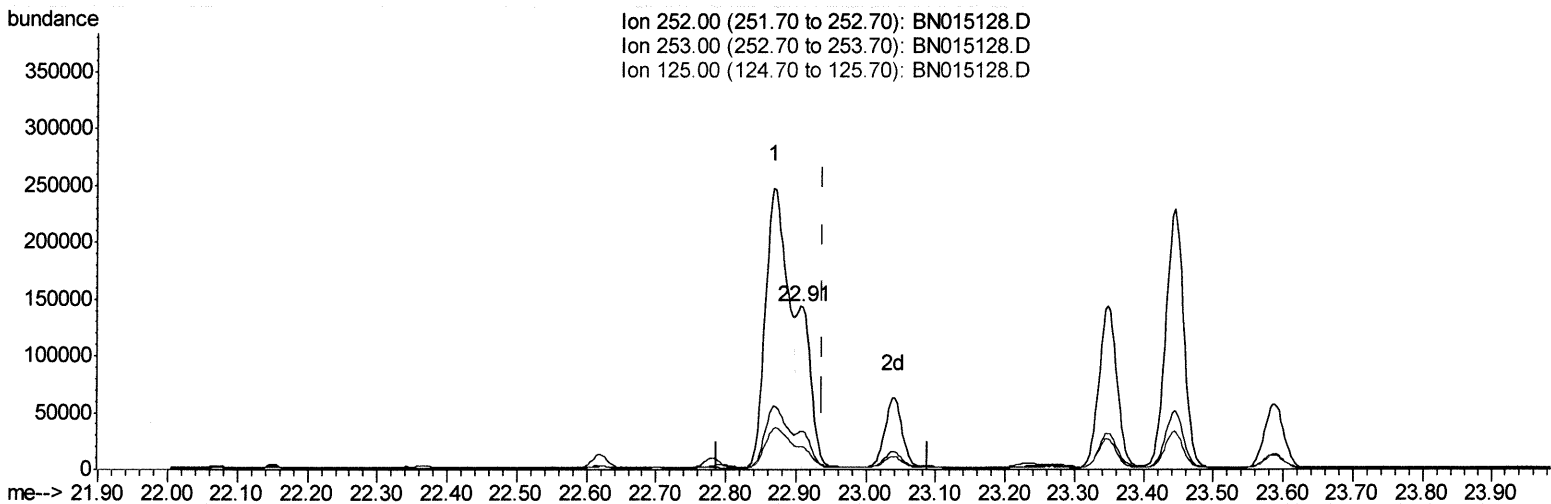
546/30/21

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015128.D
 Acq On : 26 Jun 2021 22:23
 Operator : CG/JU
 Sample : M2680-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC6

Quant Time: Jun 27 07:41:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 11:53:52 2021
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Manual Integrations
 APPROVED
 mohammad
 6/28/2021 1:27:34 PM



(25) Benzo(k)fluoranthene

22.906min (-0.032) 3.64ng/ul m

response 205861

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.84
125.00	14.40	14.48
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015128.D
 Acq On : 26 Jun 2021 22:23
 Operator : CG/JU
 Sample : M2680-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC6

Manual Integrations
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Quant Time: Jun 27 07:43:14 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3363	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	11789	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.35	164	6739	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	13603m	0.40	ng/ul	-0.01
17) Chrysene-d12	21.30	240	12375	0.40	ng/ul	-0.02
23) Perylene-d12	23.54	264	10734	0.40	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	17348	4.58	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	5300	0.29	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	12476	0.31	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.55	128	33087	0.880	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	6000	0.244	ng/ul	99
8) 1-Methylnaphthalene	12.38	142	6052	0.254	ng/ul	99
10) Acenaphthylene	14.07	152	30633	0.879	ng/ul	99
11) Acenaphthene	14.41	153	127283	4.767	ng/ul	99
12) Fluorene	15.40	166	96218	3.261	ng/ul	99
15) Phenanthrene	17.14	178	668238	13.535	ng/ul	100
16) Anthracene	17.23	178	203335	4.671	ng/ul	99
19) Fluoranthene	19.16	202	1115070	19.500	ng/ul	97
20) Pyrene	19.53	202	870795	15.184	ng/ul	100
21) Benzo(a)anthracene	21.28	228	492468	10.743	ng/ul	97
22) Chrysene	21.33	228	434847	7.924	ng/ul	98
24) Benzo(b)fluoranthene	22.87	252	552019m	11.008	ng/ul	
25) Benzo(k)fluoranthene	22.91	252	205861m	3.637	ng/ul	
26) Benzo(a)pyrene	23.44	252	413447	9.816	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.79	276	262655	5.163	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.80	278	67306	1.688	ng/ul	98
29) Benzo(a,h,i)perylene	26.49	276	225011	4.774	ng/ul	99

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