

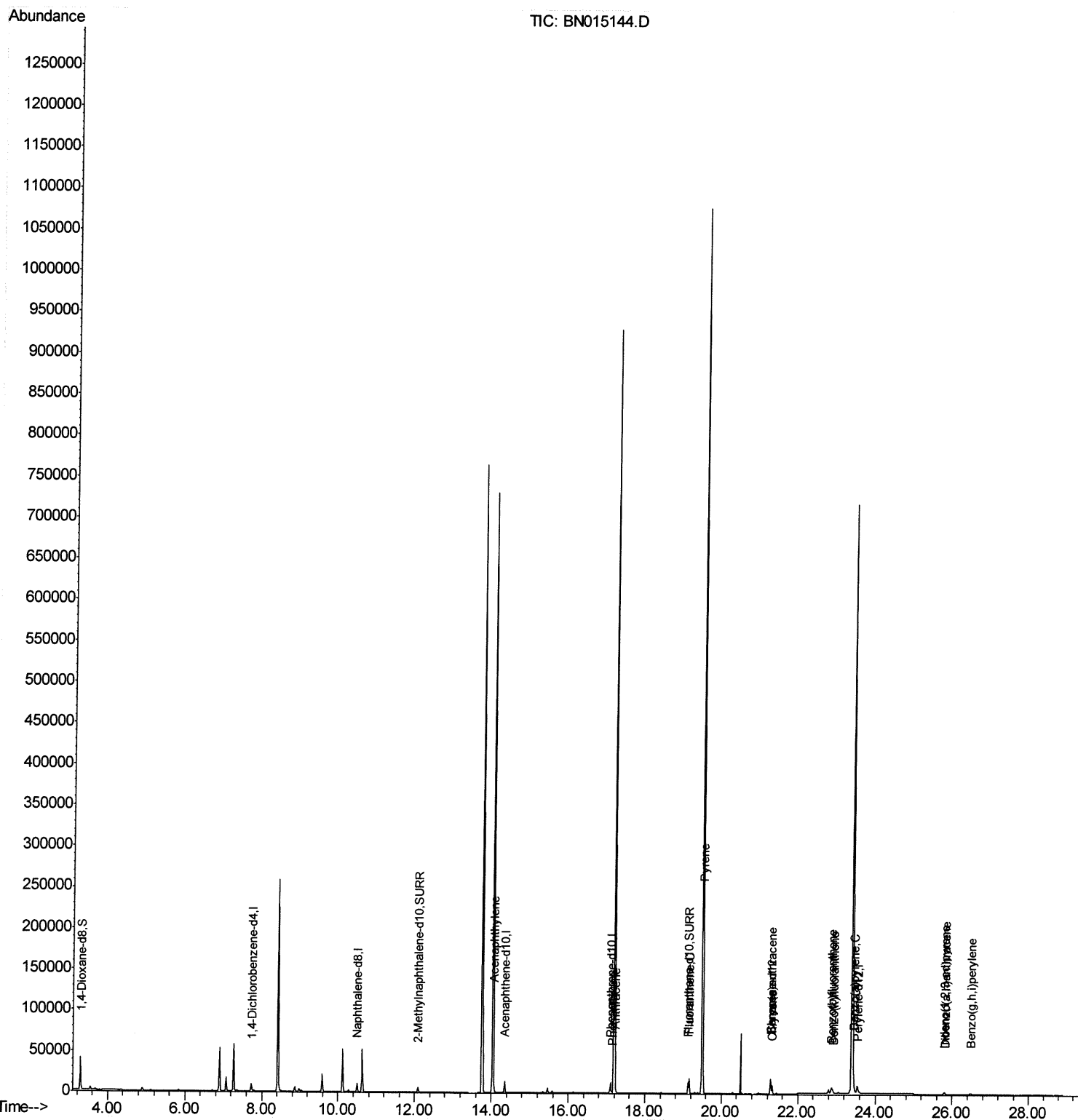
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015144.D
Acq On : 27 Jun 2021 08:32
Operator : CG/JU
Sample : M2704-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD6

Quant Time: Jun 28 02:58:17 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

Manual Integrations
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mohammad
6/28/2021 1:28:22 PM



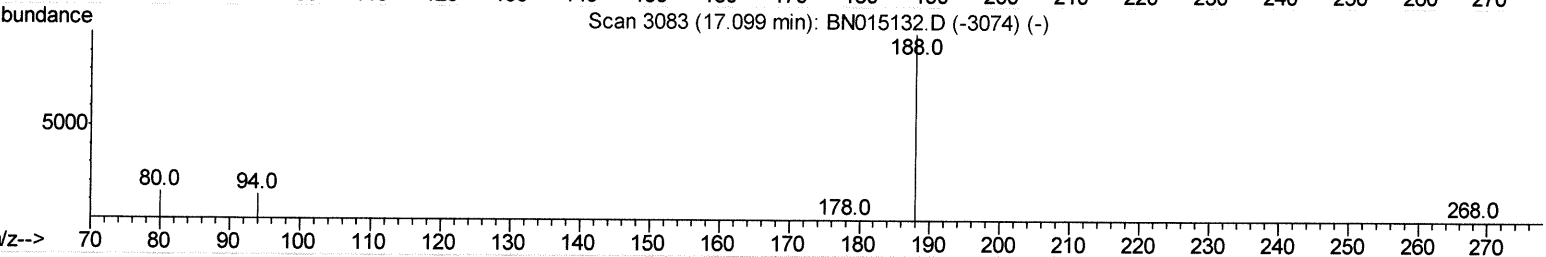
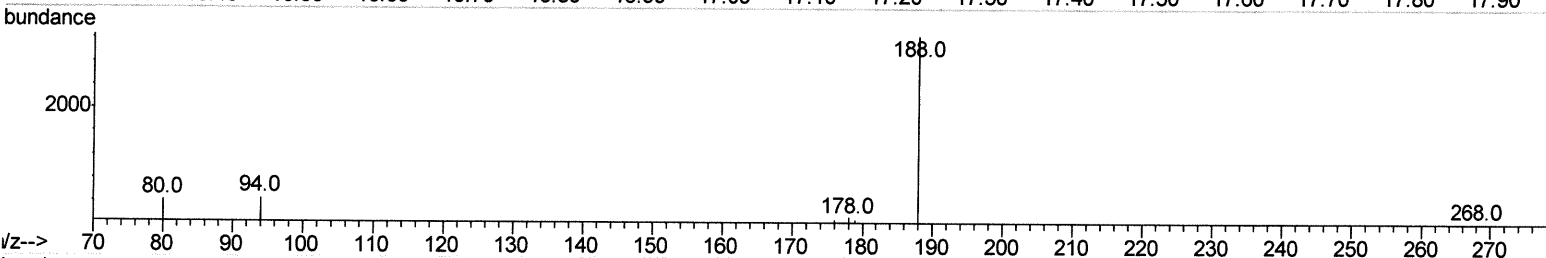
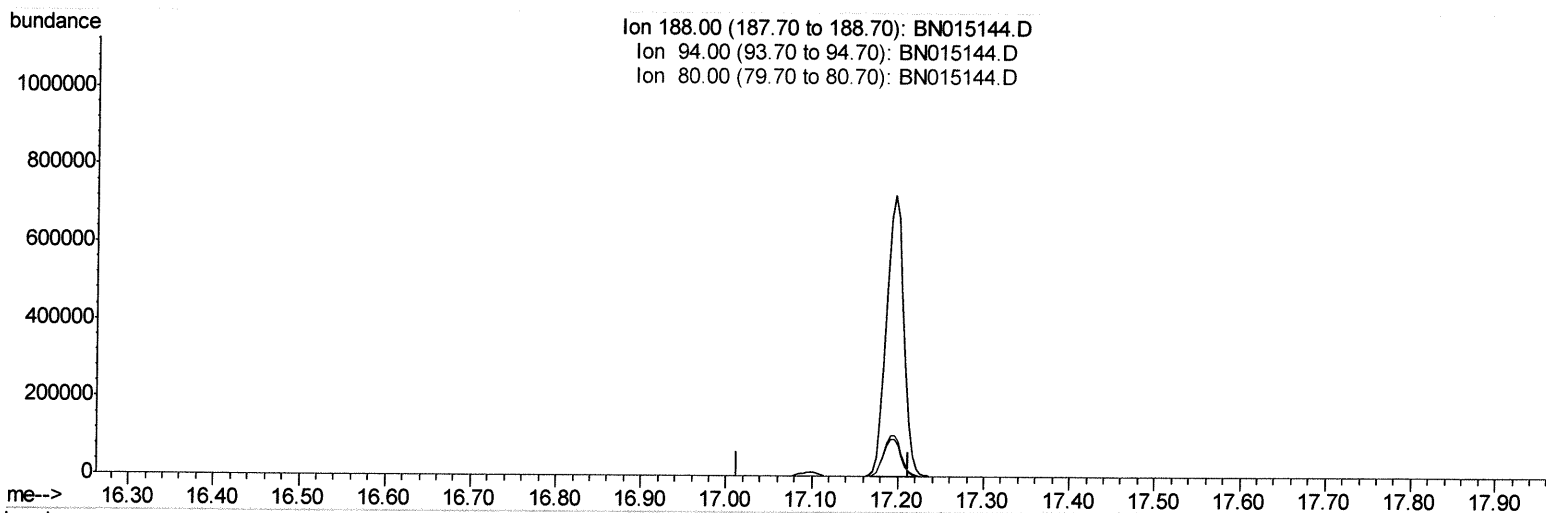
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TIC: BN015144.D

(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

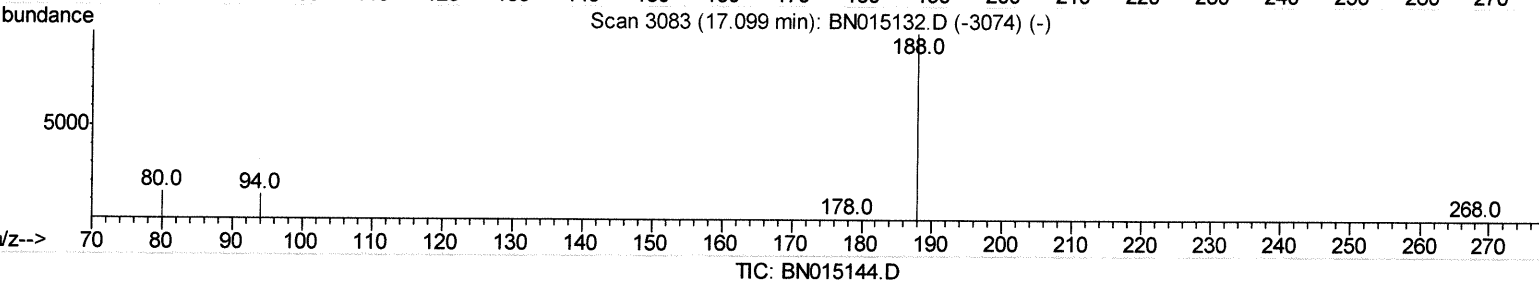
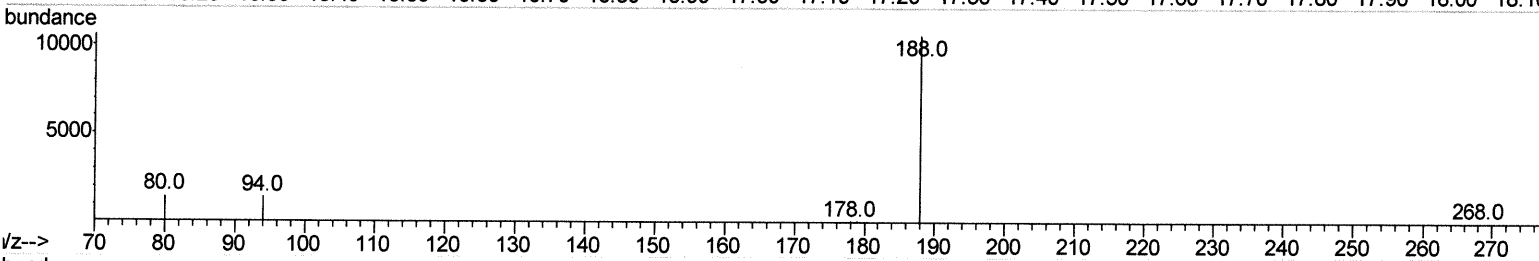
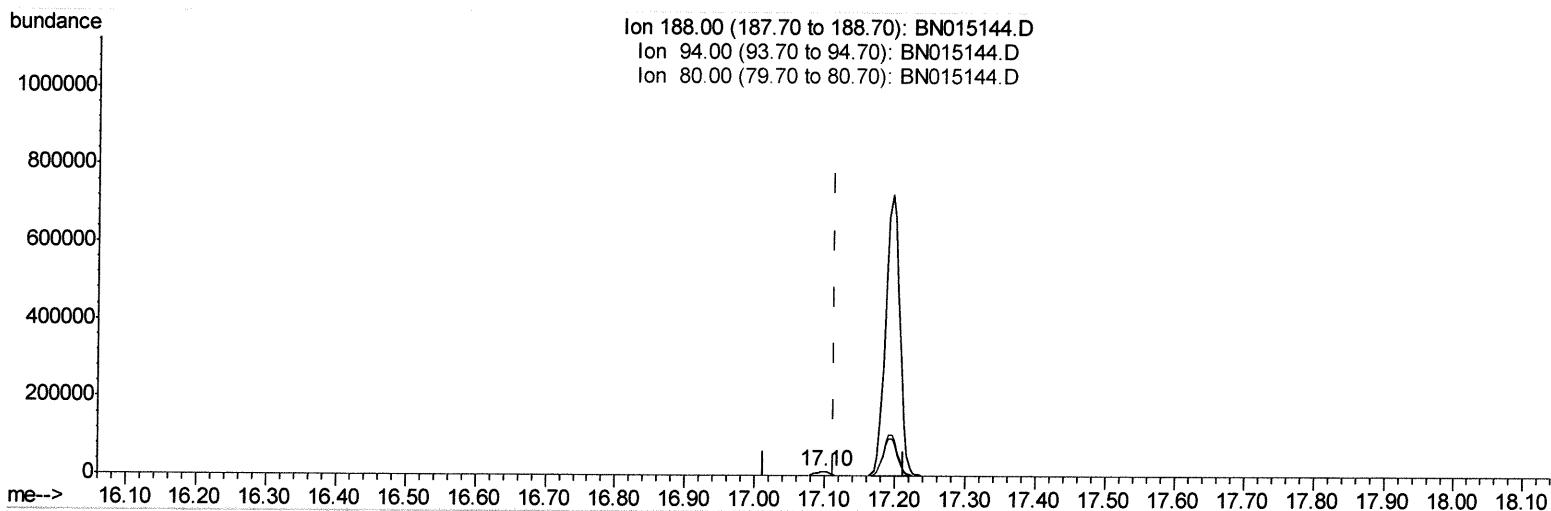
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(13) Phenanthrene-d10 (I)

17.098min (-0.015) 0.40ng/ul m

response 14636

Ion	Exp%	Act%
188.00	100	100
94.00	14.10	13.31
80.00	14.40	13.44
0.00	0.00	0.00

Jul 6/30/21

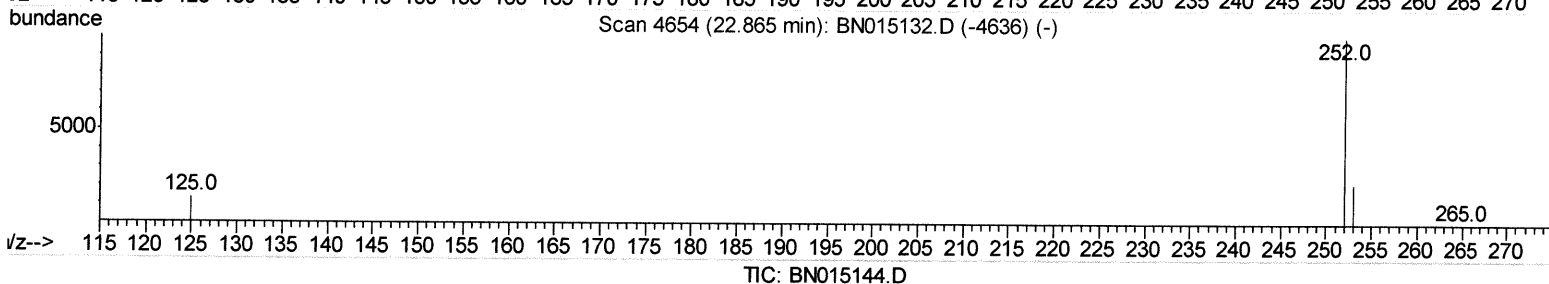
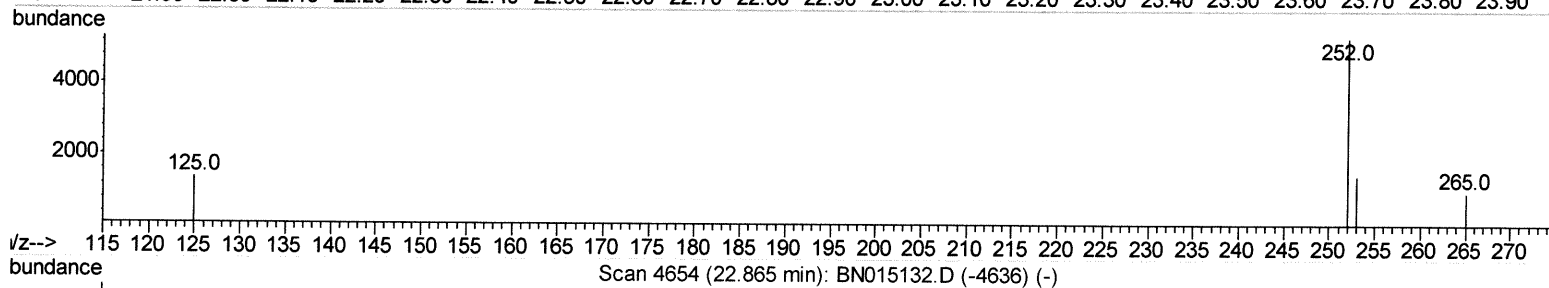
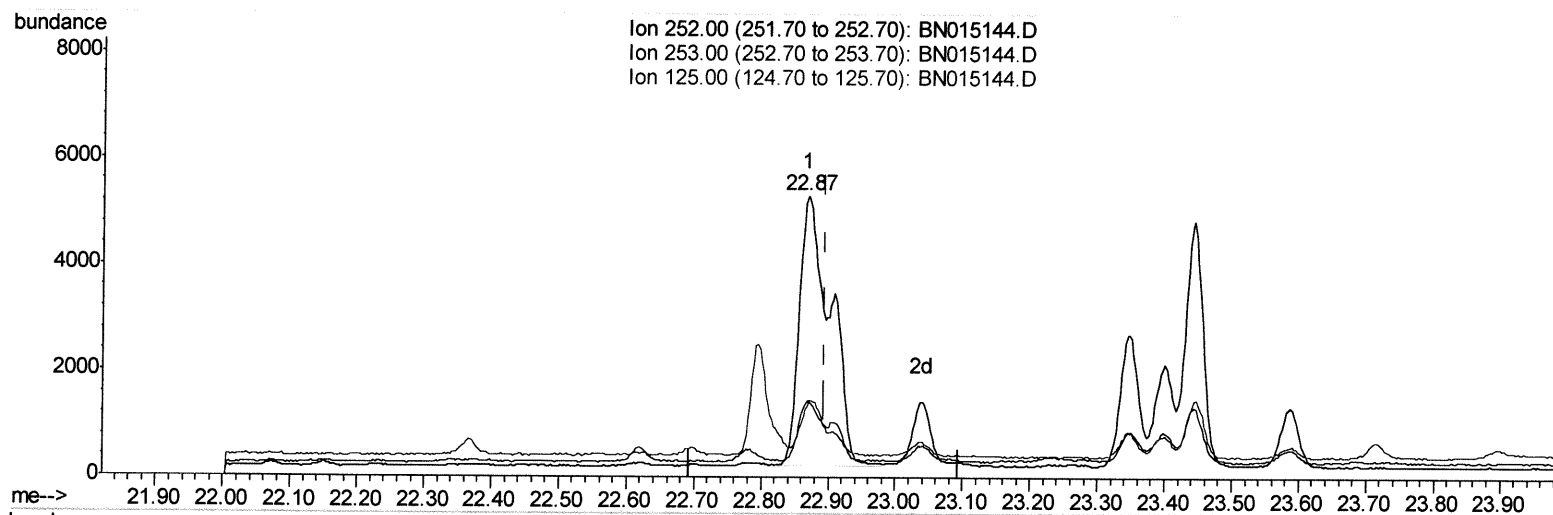
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Instrument :
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 ClientSampleId :
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(24) Benzo(b)fluoranthene

22.868min (-0.026) 0.28ng/ul

response 16194

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	27.15
125.00	14.20	25.51
0.00	0.00	0.00

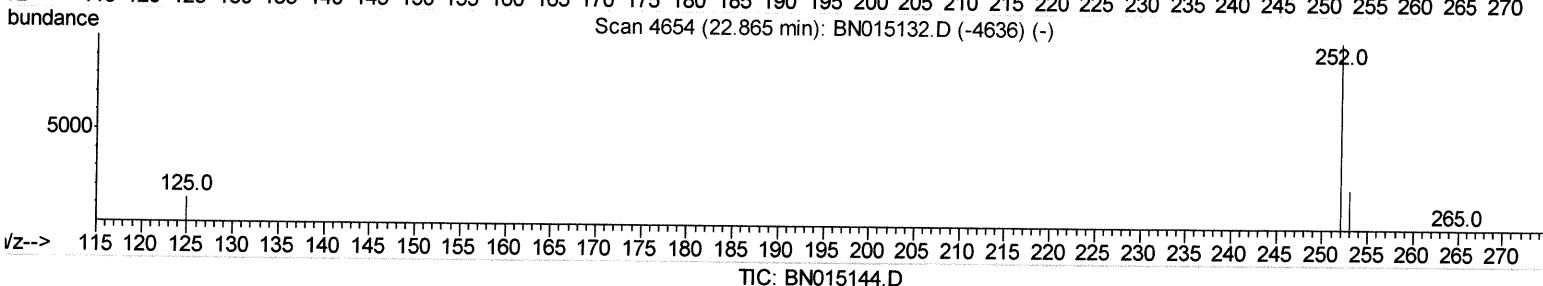
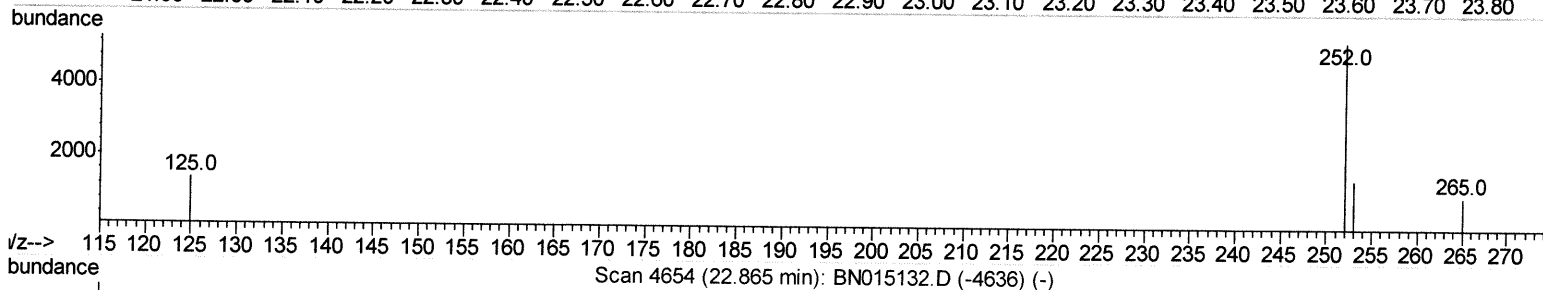
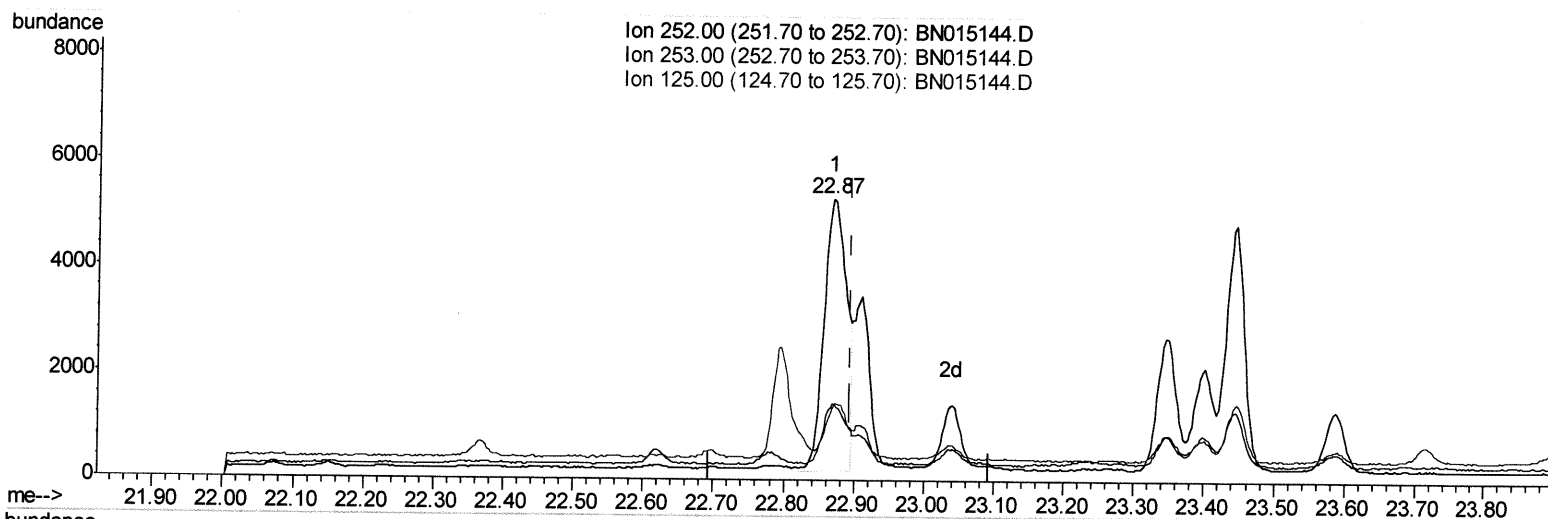
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 Operator : CG/JU
 Sample : M2704-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
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Manual Integrations
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(24) Benzo(b)fluoranthene

22.868min (-0.026) 0.19ng/ul m *JU 6/28/21*

response 11210

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	27.15
125.00	14.20	25.51
0.00	0.00	0.00

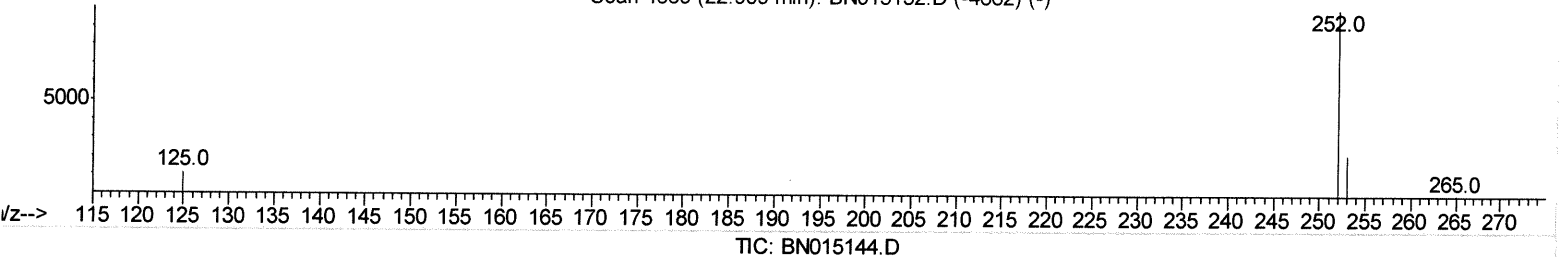
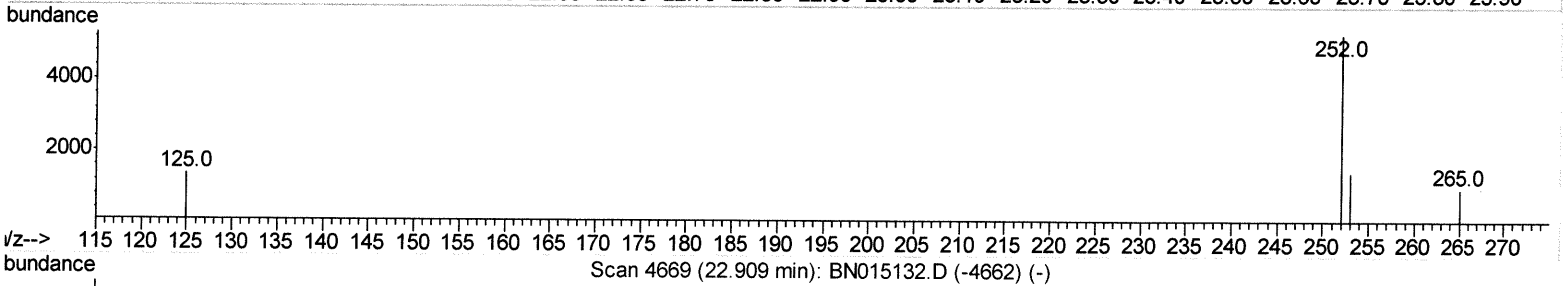
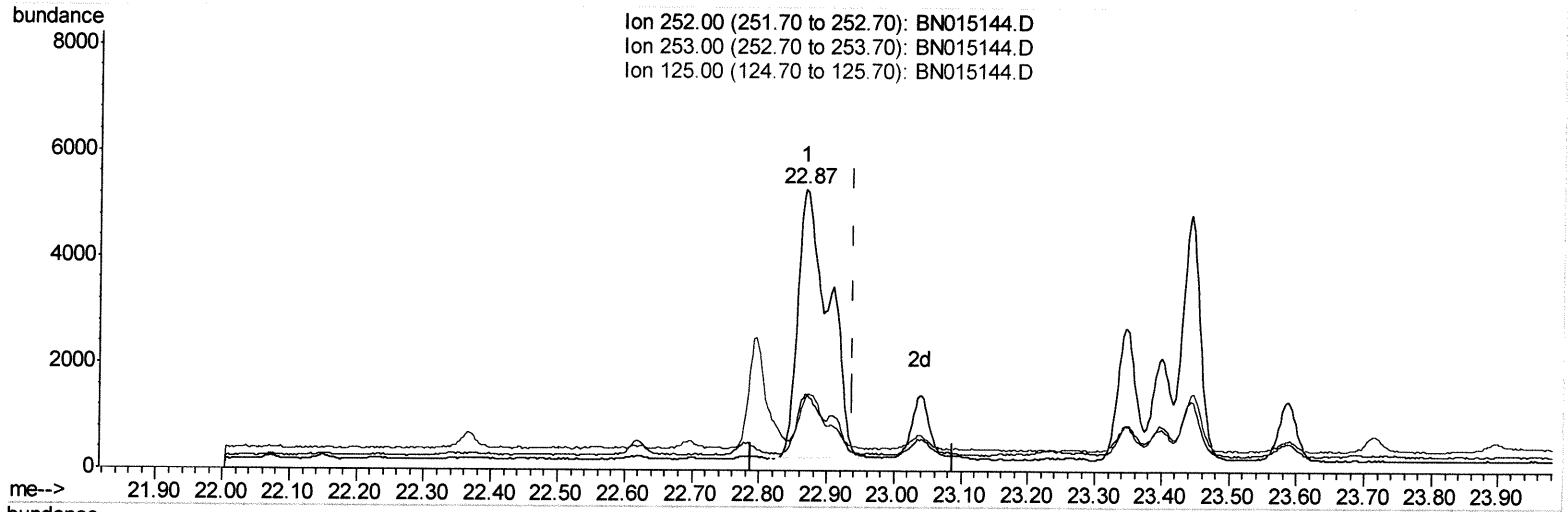
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Operator : CG/JU
Sample : M2704-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
6/28/2021 1:28:22 PM

Quant Time: Jun 28 02:56:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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(25) Benzo(k)fluoranthene

22.868min (-0.070) 0.25ng/ul

response 16175

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	27.15#
125.00	14.40	25.51#
0.00	0.00	0.00

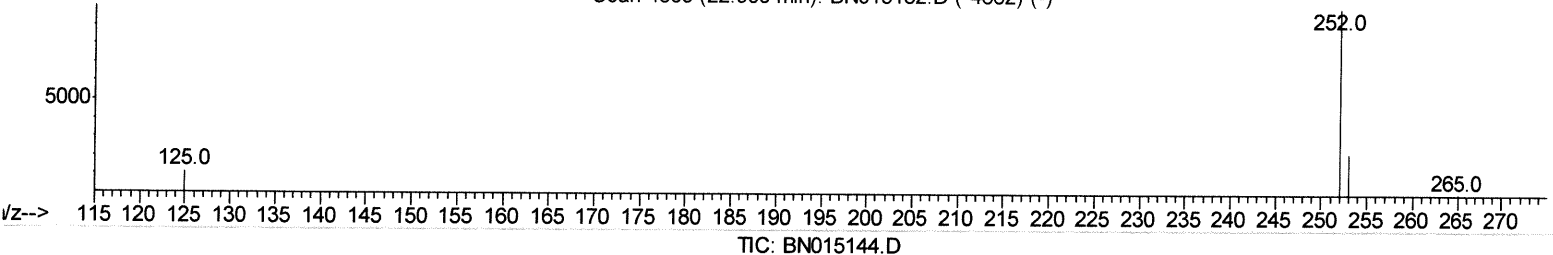
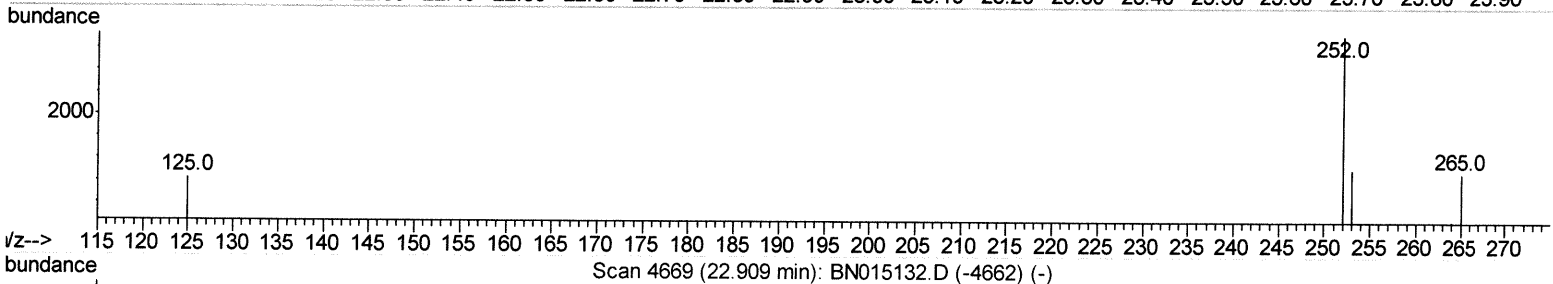
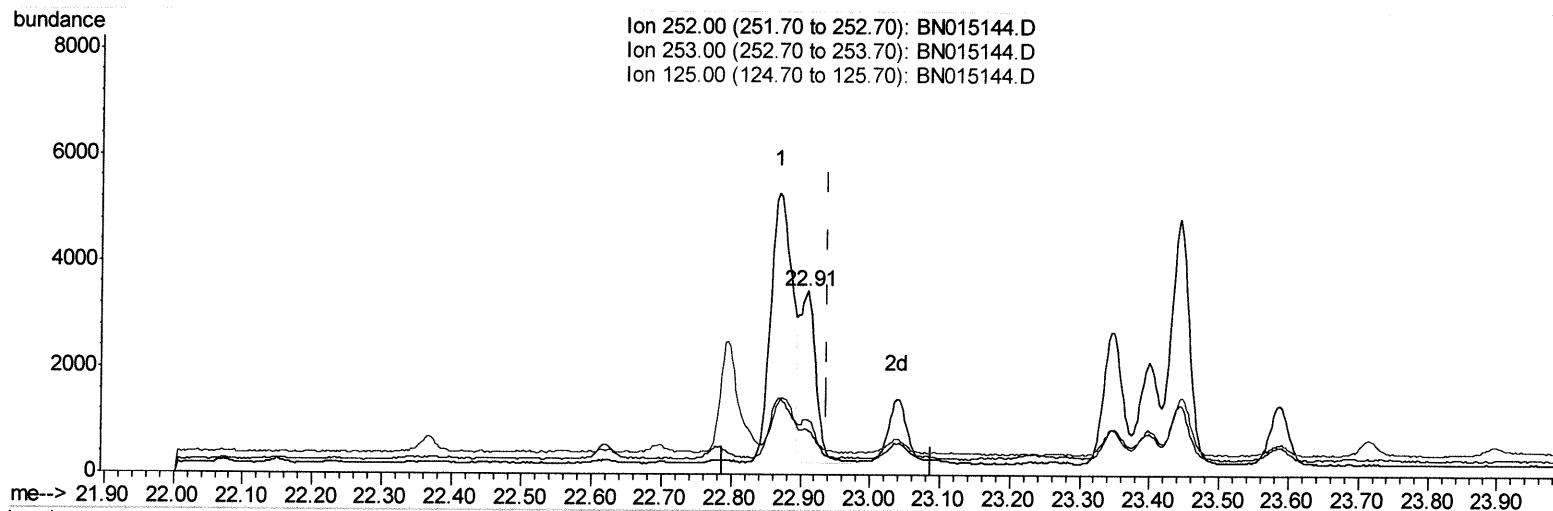
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 Operator : CG/JU
 Sample : M2704-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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Manual Integrations
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(25) Benzo(k)fluoranthene

22.909min (-0.029) 0.08ng/ul m *JU 6/28/21*

response 5243

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	29.71#
125.00	14.40	24.62#
0.00	0.00	0.00

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 Operator : CG/JU
 Sample : M2704-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3928	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	13840	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.35	164	7428	0.40	ng/ul	-0.02
13) Phenanthrene-d10	17.10	188	14636m	0.40	ng/ul	-0.01
17) Chrysene-d12	21.30	240	12876	0.40	ng/ul	-0.02
23) Perylene-d12	23.54	264	12396	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	23850	5.39	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	7084	0.33	ng/ul	-0.02
18) Fluoranthene-d10	19.13	212	14196	0.34	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) Acenaphthylene	14.07	152	871	0.023	ng/ul#	74
15) Phenanthrene	17.14	178	3206	0.060	ng/ul	95
16) Anthracene	17.23	178	2409	0.051	ng/ul#	93
19) Fluoranthene	19.16	202	15509	0.261	ng/ul	98
20) Pyrene	19.52	202	15237	0.255	ng/ul#	94
21) Benzo(a)anthracene	21.28	228	10907	0.229	ng/ul	94
22) Chrysene	21.33	228	9729	0.170	ng/ul	97
24) Benzo(b)fluoranthene	22.87	252	11210m	0.194	ng/ul	} — JU 6/30/21
25) Benzo(k)fluoranthene	22.91	252	5243m	0.080	ng/ul	
26) Benzo(a)pyrene	23.44	252	8271	0.170	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.79	276	4613	0.079	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.80	278	1251	0.027	ng/ul#	55
29) Benzo(a,h,i)perylene	26.48	276	4044	0.074	ng/ul#	89

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