

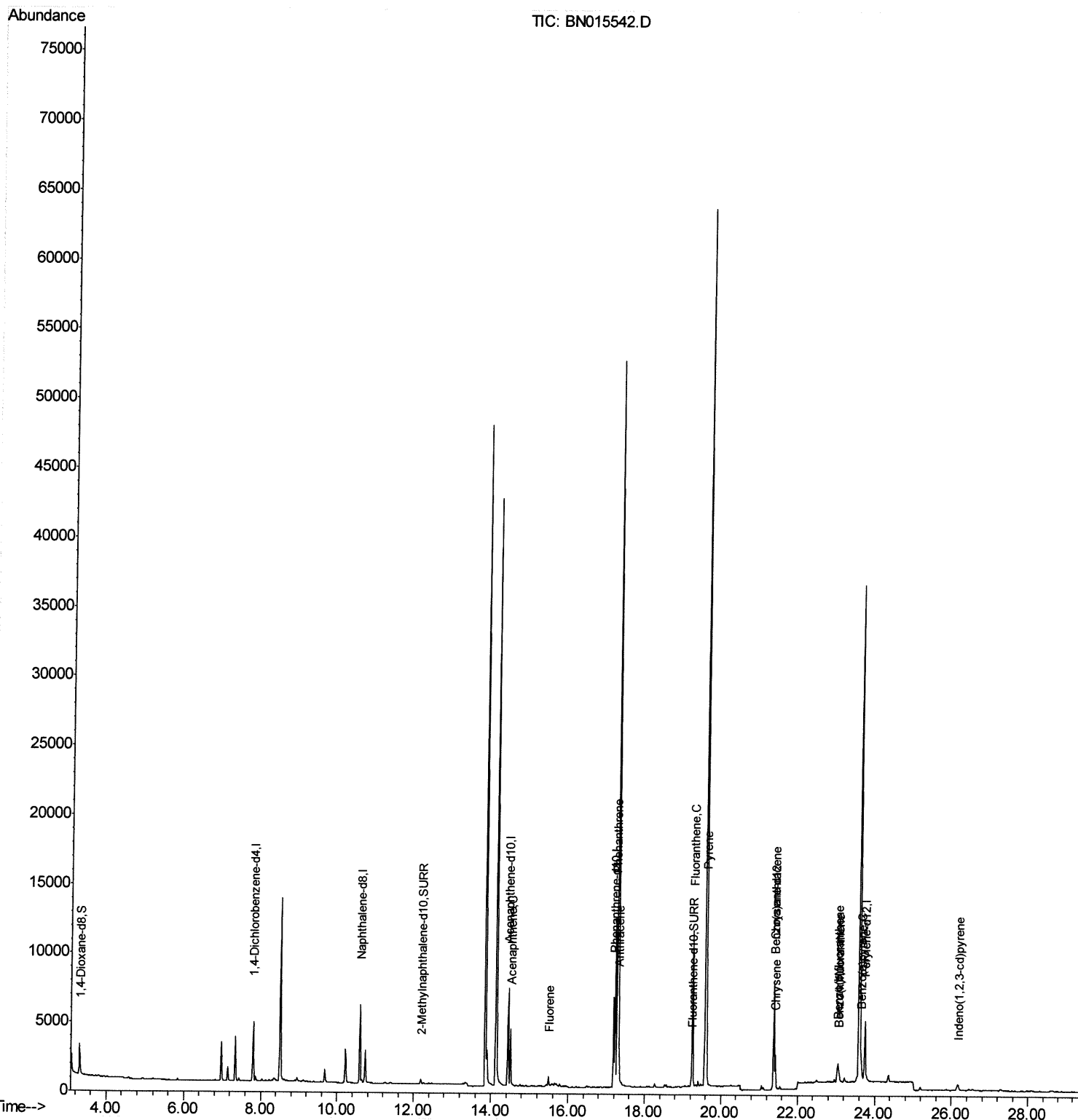
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015542.D
Acq On : 13 Jul 2021 23:55
Operator : CG/JU
Sample : M2869-04DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDX2DL

Manual Integrations
APPROVED

mohammad
7/14/2021 12:14:54 PM

Quant Time: Jul 14 05:29:12 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration



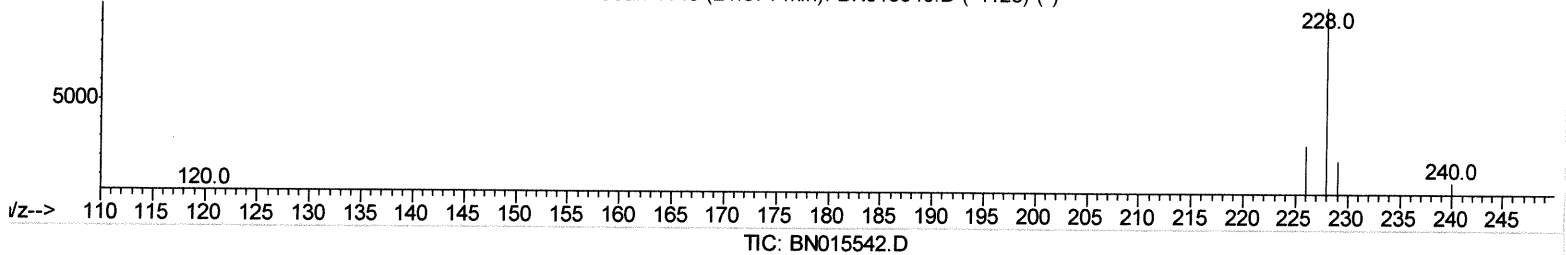
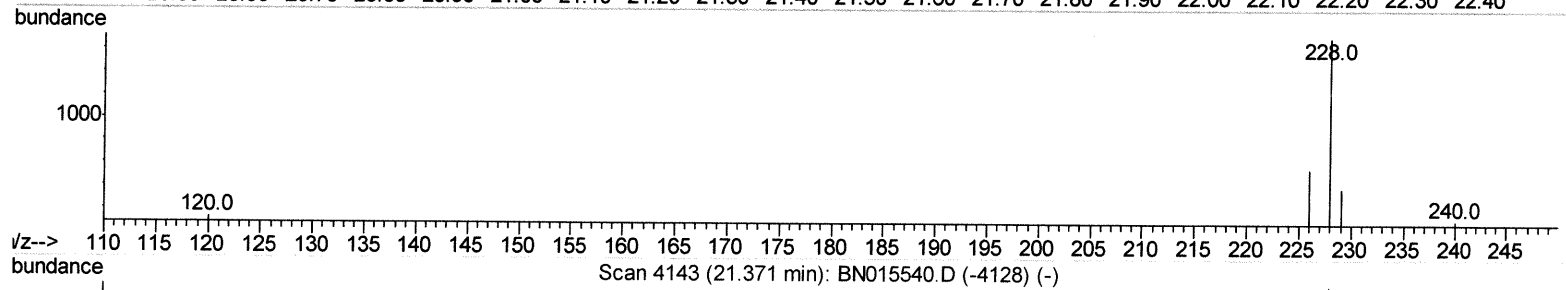
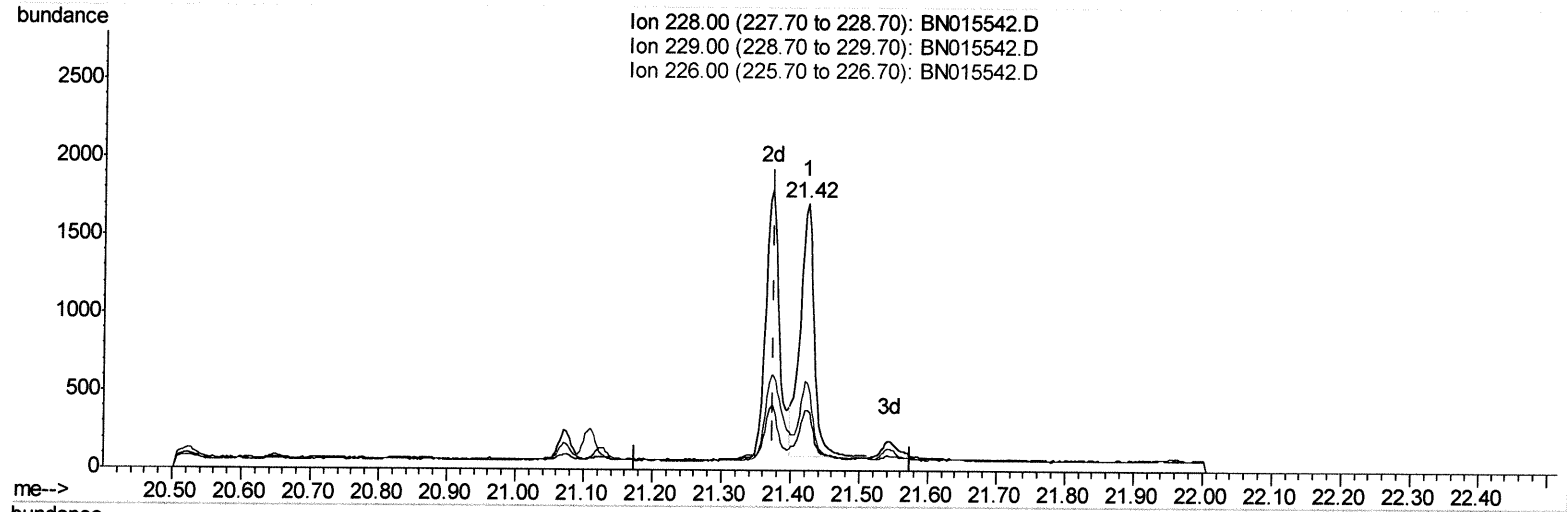
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(21) Benzo(a)anthracene

21.424min (+0.049) 0.11ng/ul

response 2331

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	22.52
226.00	27.30	32.61
0.00	0.00	0.00

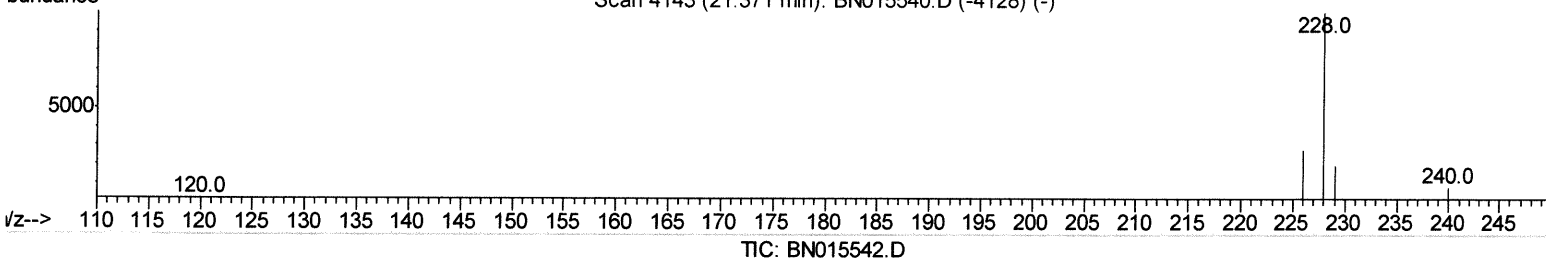
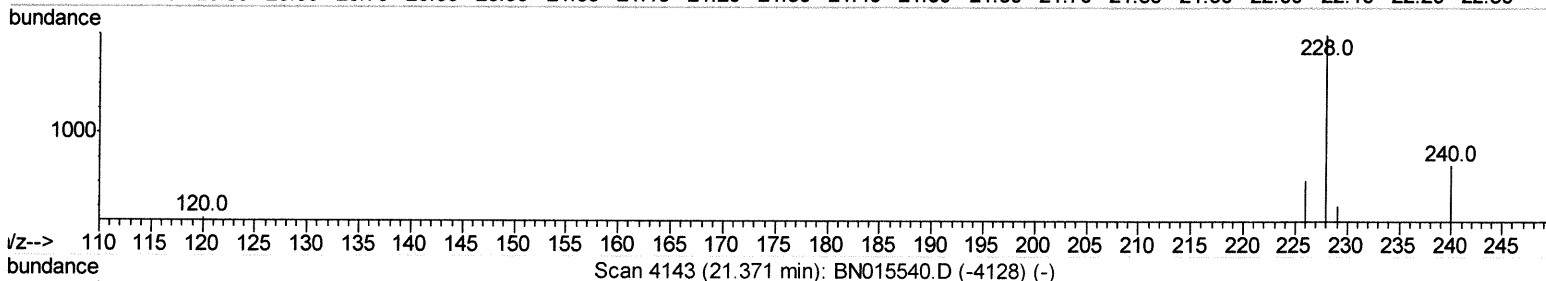
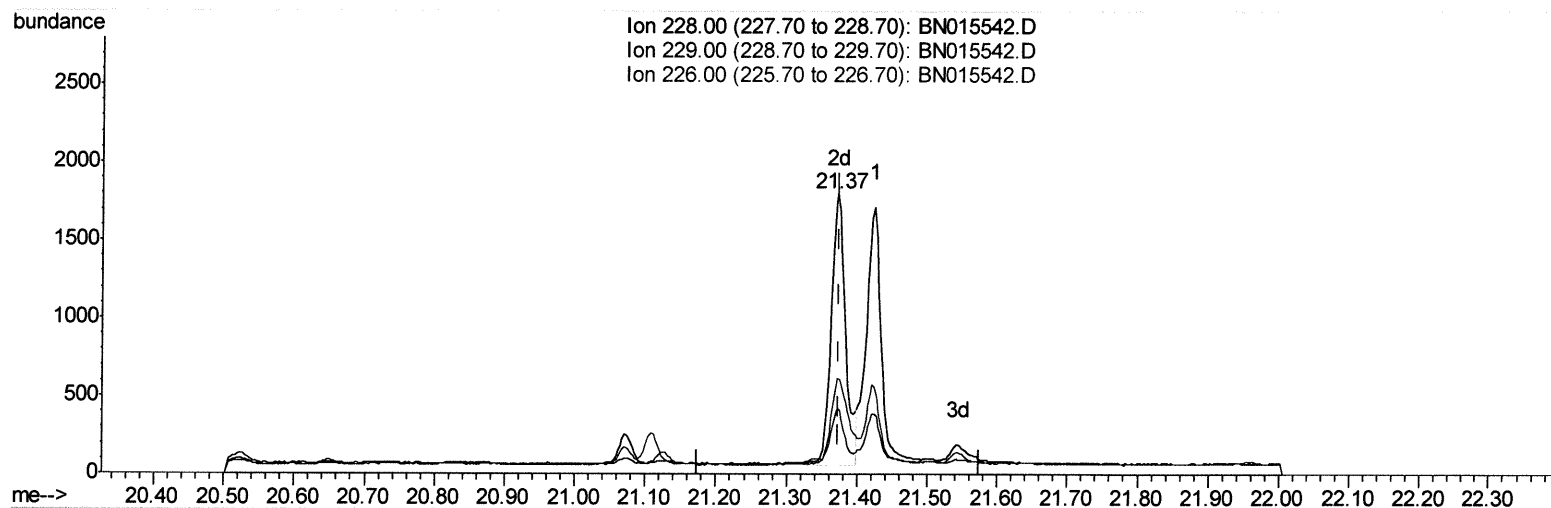
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(21) Benzo(a)anthracene

21.372min (-0.003) 0.11ng/ul m

response 2467

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	23.07
226.00	27.30	34.28#
0.00	0.00	0.00

JU 7/15/21

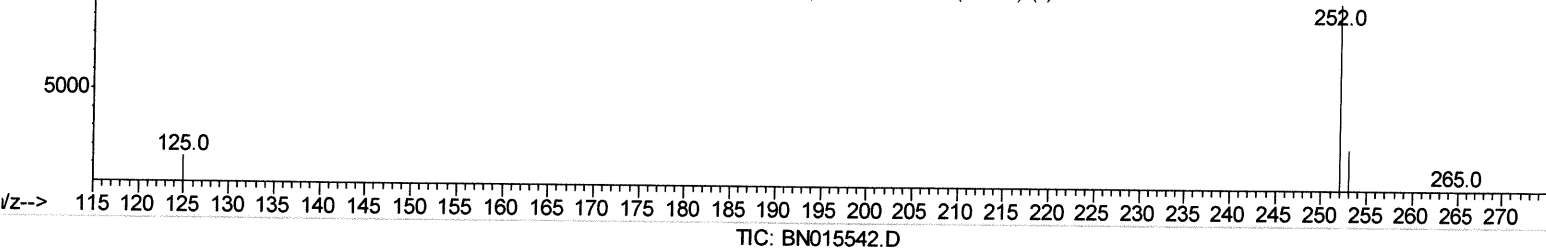
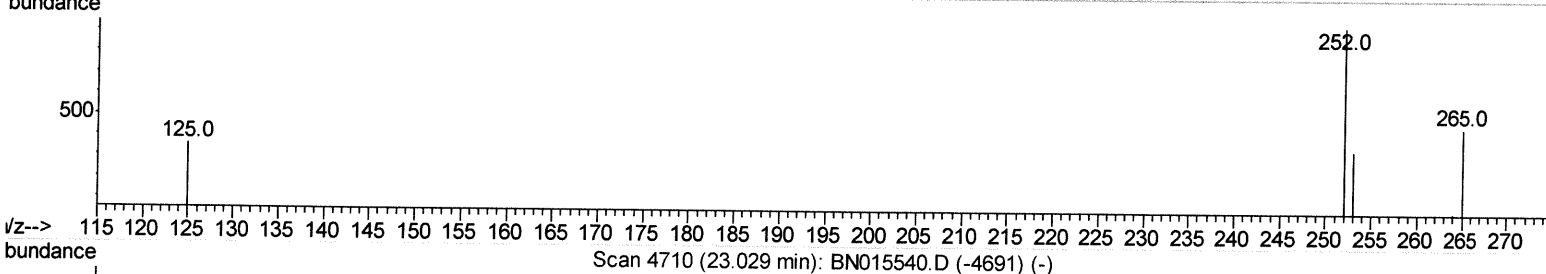
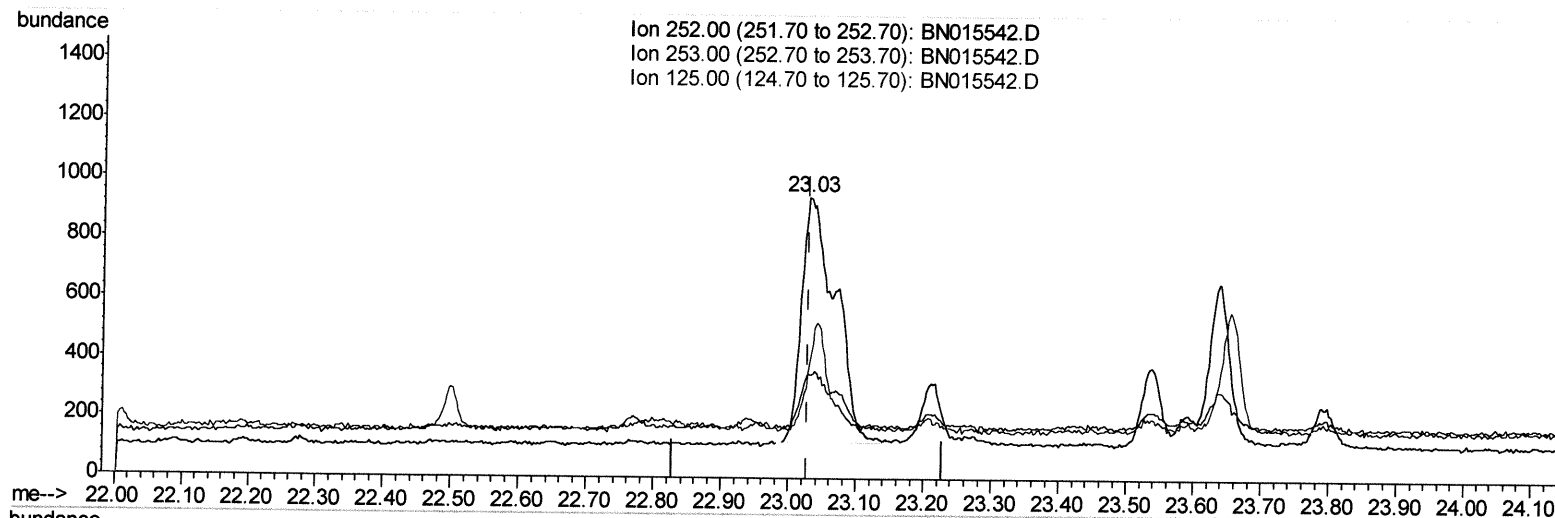
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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

23.029min (-0.000) 0.11ng/ul

response 2866

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	37.37
125.00	14.20	37.58#
0.00	0.00	0.00

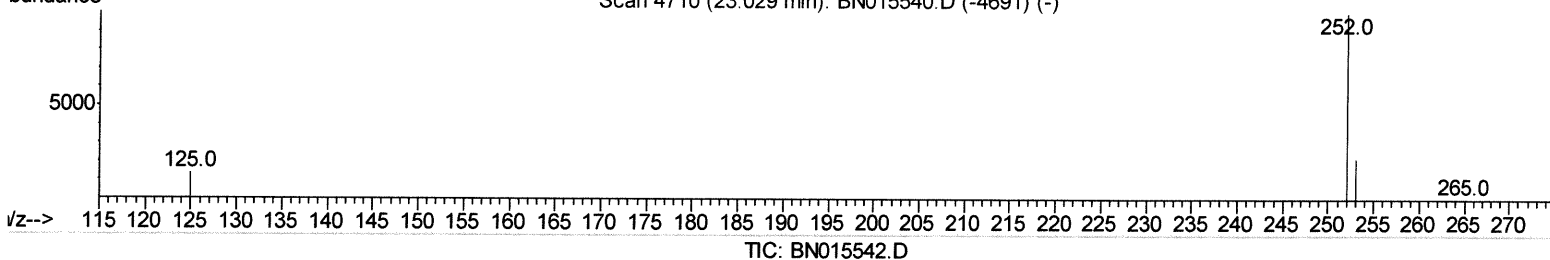
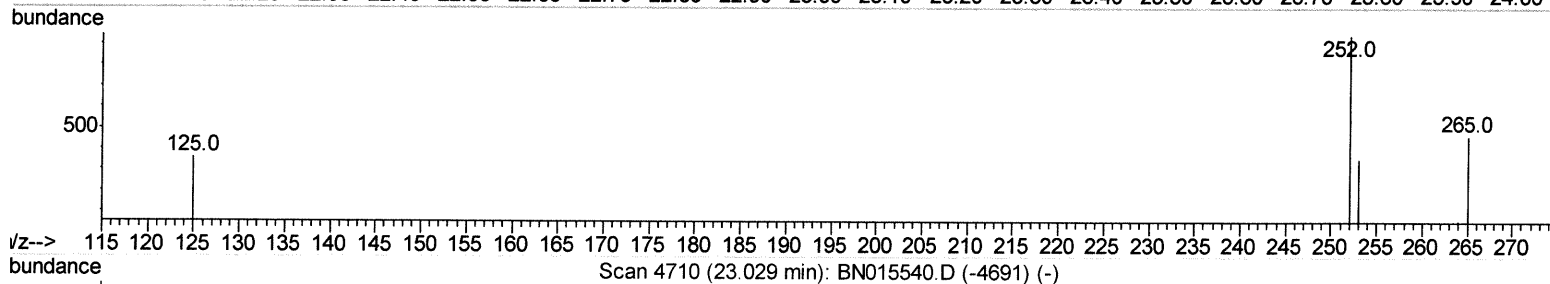
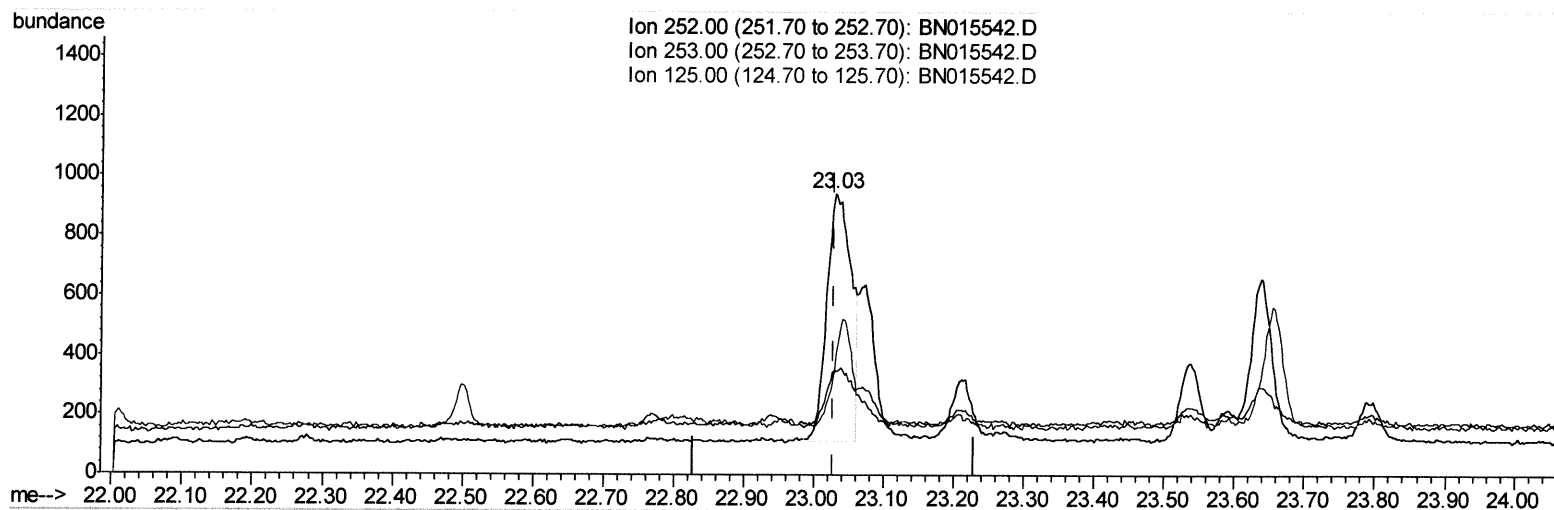
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 Operator : CG/JU
 Sample : M2869-04DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDX2DL

Manual Integrations
 APPROVED

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(24) Benzo(b)fluoranthene

23.029min (-0.000) 0.08ng/ul m

response 2046

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	37.37
125.00	14.20	37.58#
0.00	0.00	0.00

Handwritten signature/initials

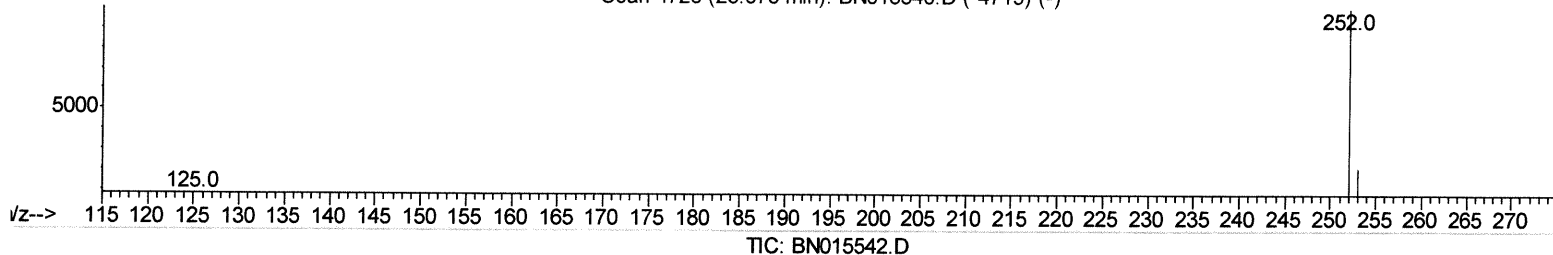
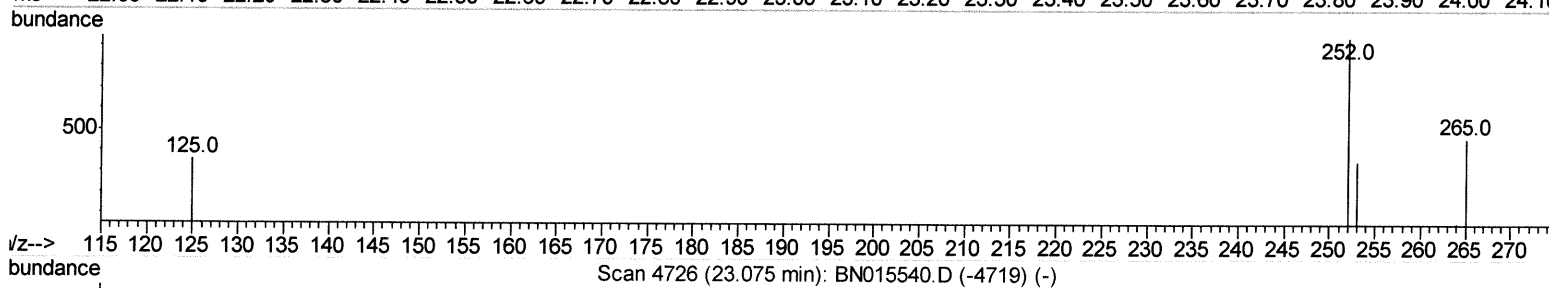
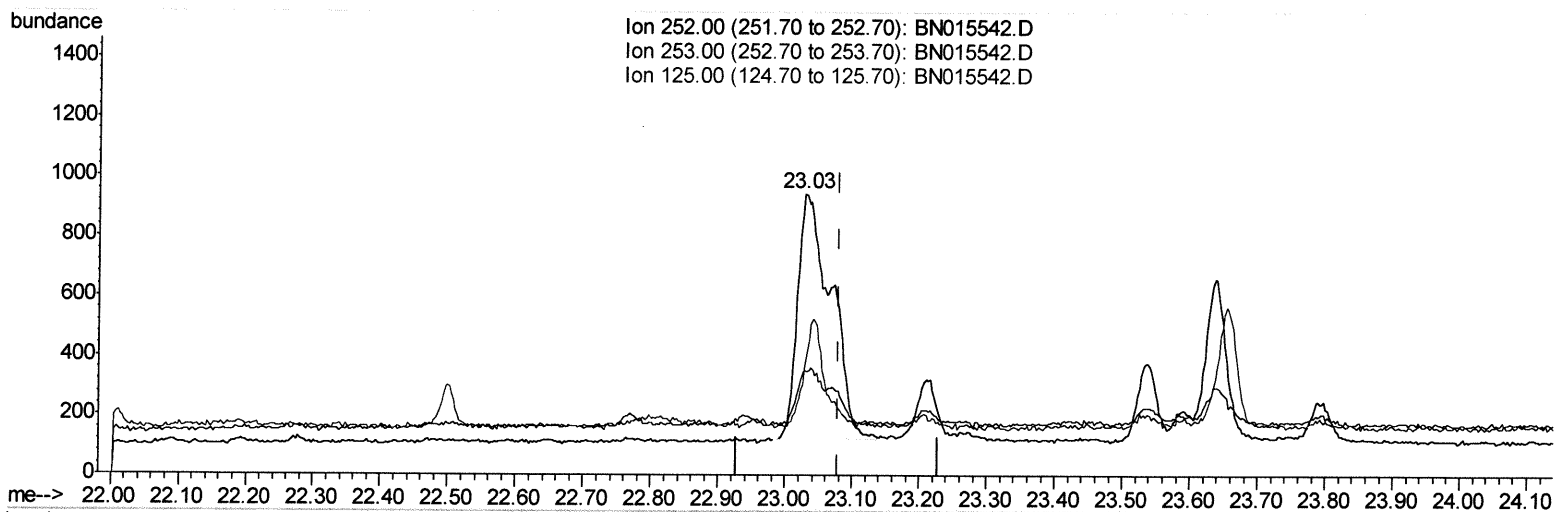
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015542.D
Acq On : 13 Jul 2021 23:55
Operator : CG/JU
Sample : M2869-04DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDX2DL

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Manual Integrations
APPROVED

mohammad
7/14/2021 12:14:54 PM



(25) Benzo(k)fluoranthene

23.029min (-0.050) 0.10ng/ul

response 2866

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	37.37#
125.00	14.40	37.58#
0.00	0.00	0.00

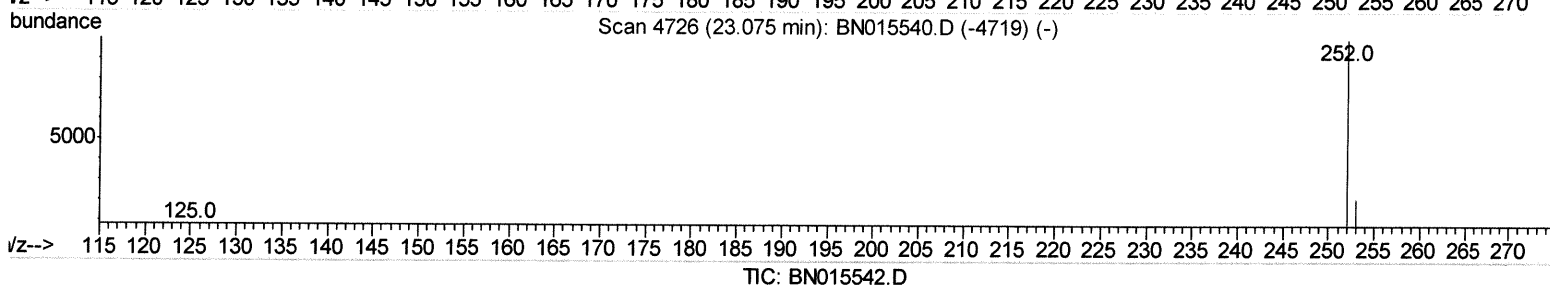
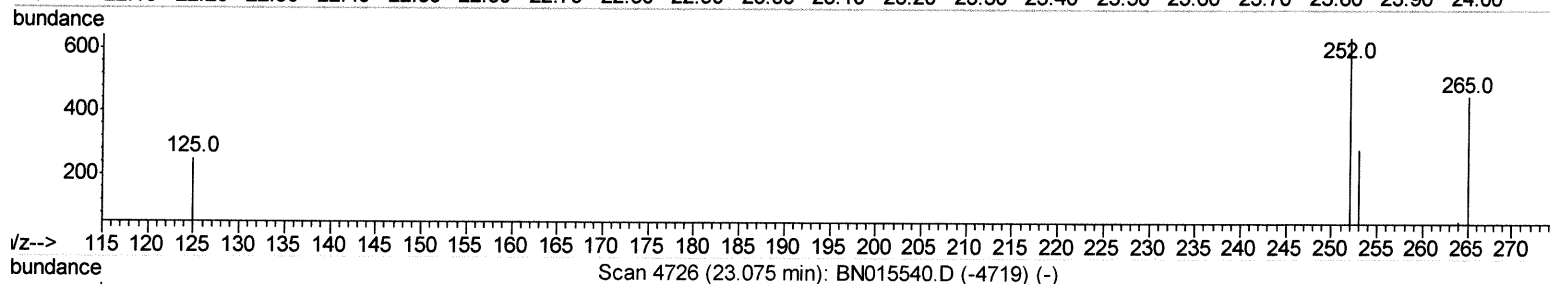
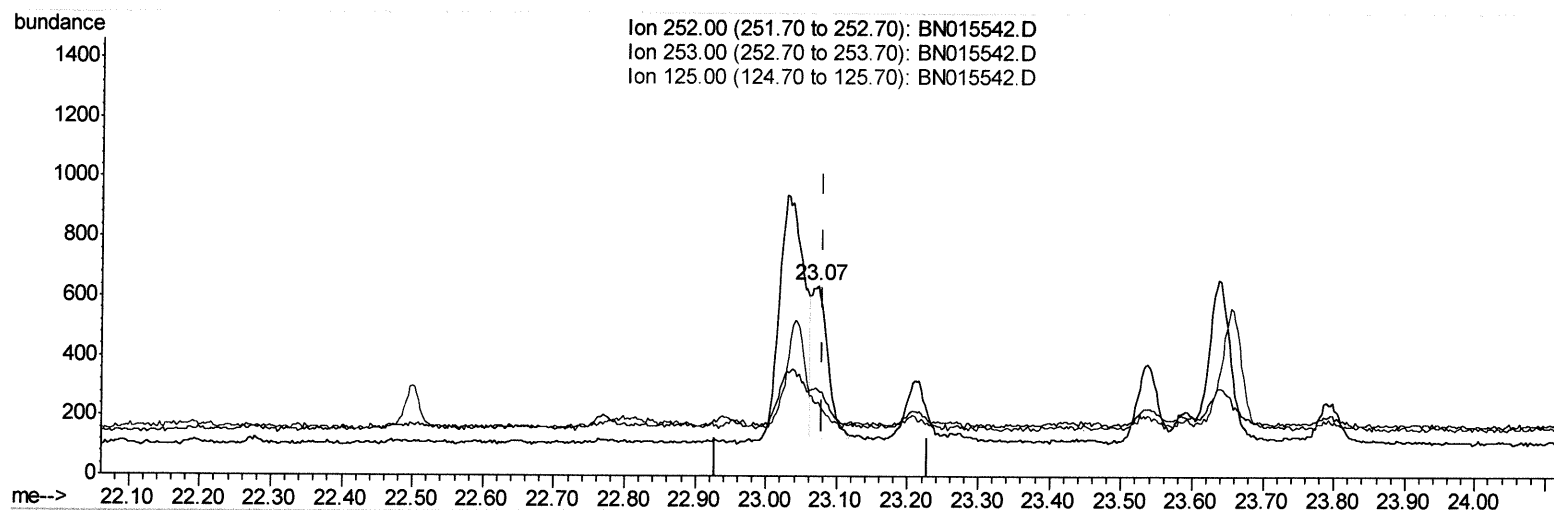
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015542.D
 Acq On : 13 Jul 2021 23:55
 Operator : CG/JU
 Sample : M2869-04DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDX2DL

Manual Integrations
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(25) Benzo(k)fluoranthene

23.072min (-0.006) 0.03ng/ul m

response 807

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	44.60#
125.00	14.40	38.97#
0.00	0.00	0.00

Handwritten: JU 7/15/21

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015542.D
 Acq On : 13 Jul 2021 23:55
 Operator : CG/JU
 Sample : M2869-04DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2152	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	7518	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	3927	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	7498	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	5974	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	5711	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	1622	0.67	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	423	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	782	0.04	ng/ul	0.00
Target Compounds						
					Ovalue	
11) Acenaphthene	14.51	153	2392	0.154	ng/ul	97
12) Fluorene	15.49	166	449	0.026	ng/ul#	89
15) Phenanthrene	17.23	178	13692	0.503	ng/ul	99
16) Anthracene	17.32	178	2219	0.092	ng/ul	93
19) Fluoranthene	19.26	202	10037	0.364	ng/ul	99
20) Pyrene	19.62	202	8422	0.304	ng/ul	99
21) Benzo(a)anthracene	21.37	228	2467m	0.111	ng/ul	95
22) Chrysene	21.42	228	2327	0.088	ng/ul	95
24) Benzo(b)fluoranthene	23.03	252	2046m	0.077	ng/ul	95
25) Benzo(k)fluoranthene	23.07	252	807m	0.027	ng/ul	95
26) Benzo(a)pyrene	23.64	252	1125	0.050	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.17	276	591	0.022	ng/ul#	42

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

Handwritten notes:
 21) Benzo(a)anthracene } Jy 7/15/21
 22) Chrysene }
 24) Benzo(b)fluoranthene } Jy 7/15/21
 25) Benzo(k)fluoranthene }