

Instrument :
BNA_N
ClientSampleId :
BGDX8

mohammad
7/14/2021 12:15:02 PM

TIC: BN015545.D

Abundance

1200000

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

1,4-Dioxane-d8, S

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, S

Naphthalene-d8, I

2-Methylnaphthalene-d10, SURR

1-Methylnaphthalene

Acenaphthylene

Acenaphthene-d10, C

Fluorene

Dibenzofuran-d10, I

Phenanthrene

Anthracene

Fluoranthene-d10, SURR

Pyrene

Fluoranthene, G

Benzo(a)anthracene

Chrysene-d12

Benzo(k)fluoranthene

Benzo(a)pyrene, C

Benzo(g,h,i)perylene

Dibenz(a,h)pyrene

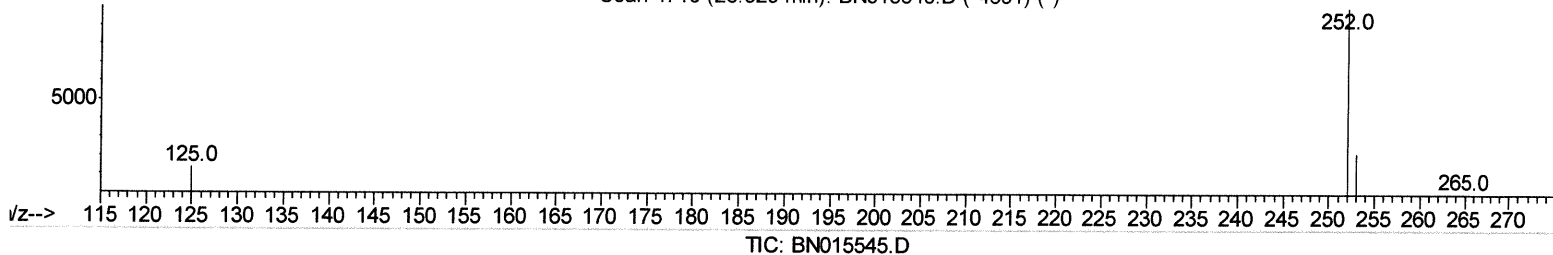
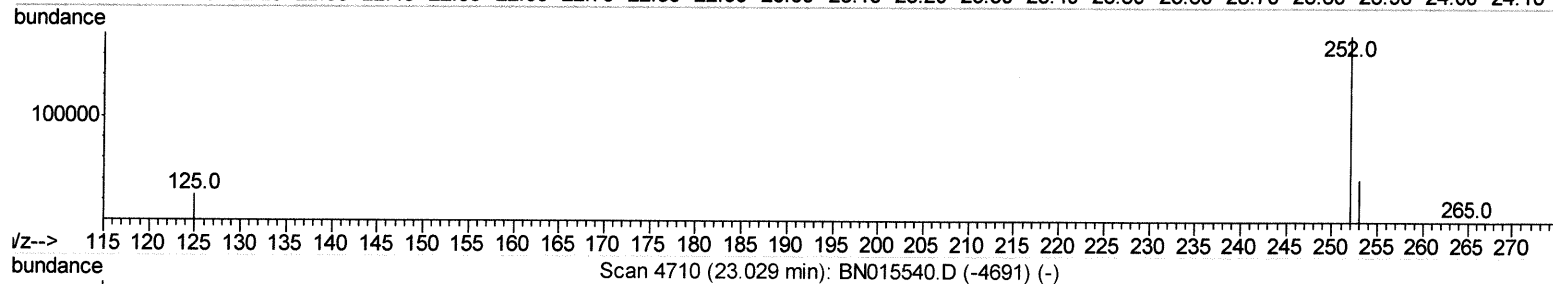
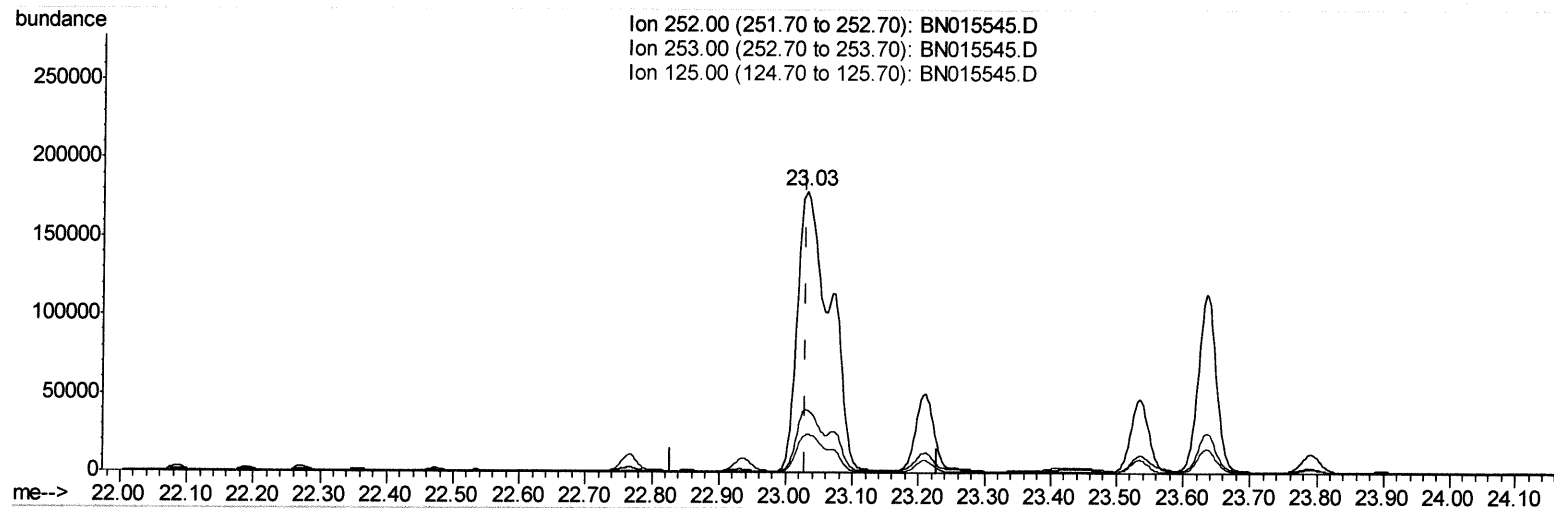
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015545.D
Acq On : 14 Jul 2021 01:43
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
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Manual Integrations
APPROVED

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Quant Time: Jul 14 05:33:47 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



(24) Benzo(b)fluoranthene

23.032min (+0.002) 15.94ng/ul

response 606588

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.50
125.00	14.20	13.56
0.00	0.00	0.00

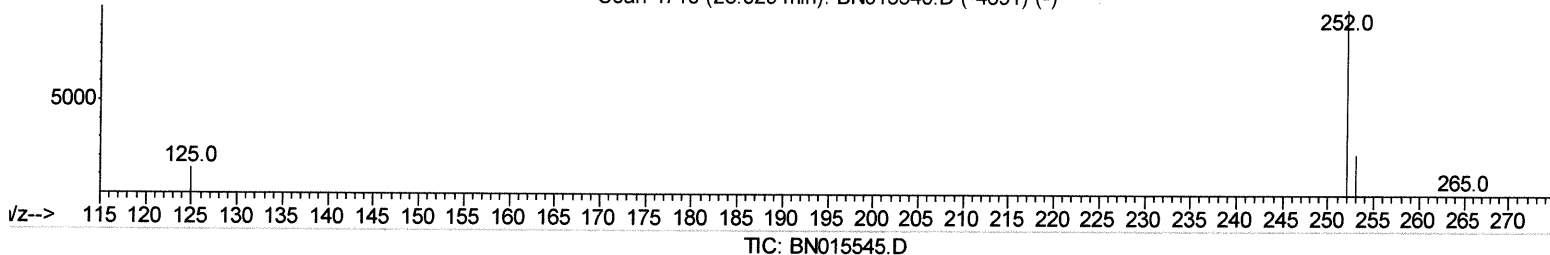
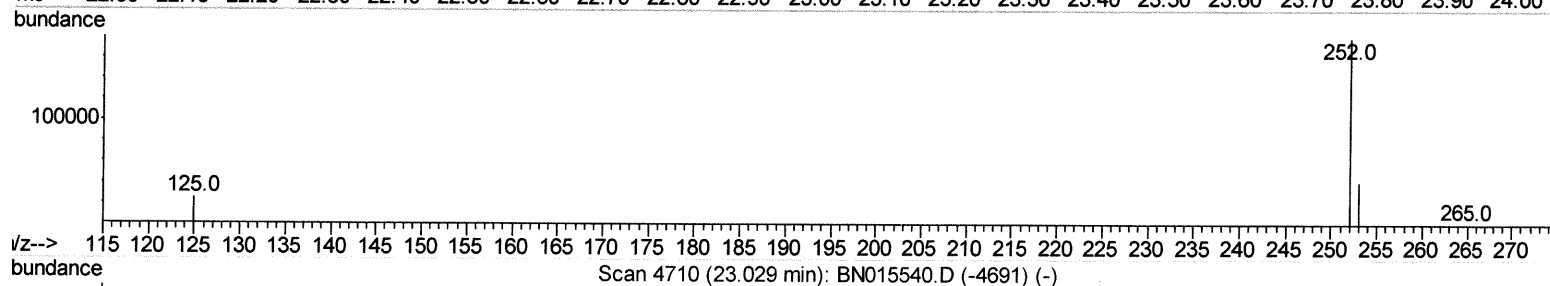
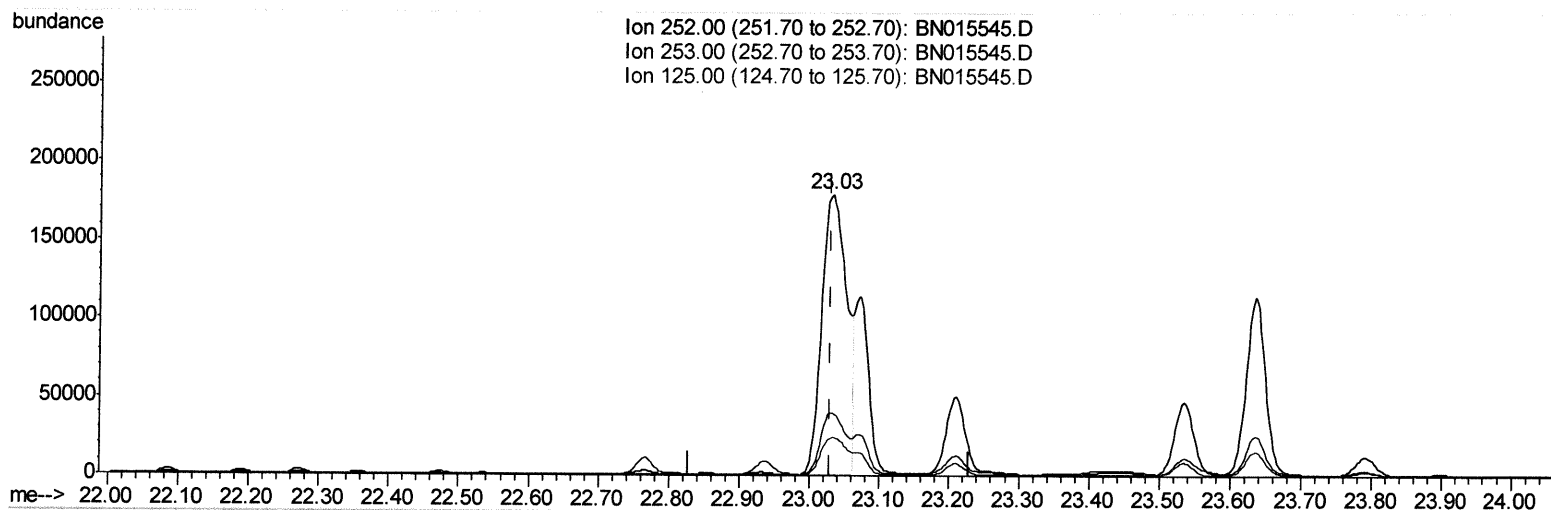
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(24) Benzo(b)fluoranthene

23.032min (+0.002) 11.57ng/ul m

response 440280

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.50
125.00	14.20	13.56
0.00	0.00	0.00

Handwritten signature/initials

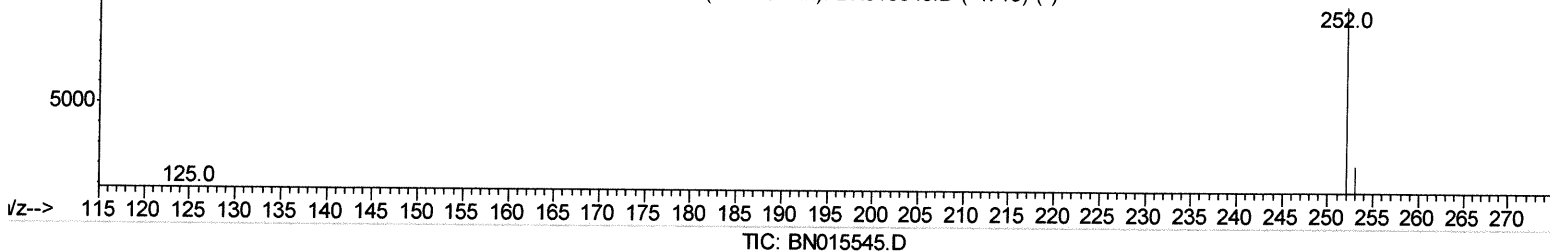
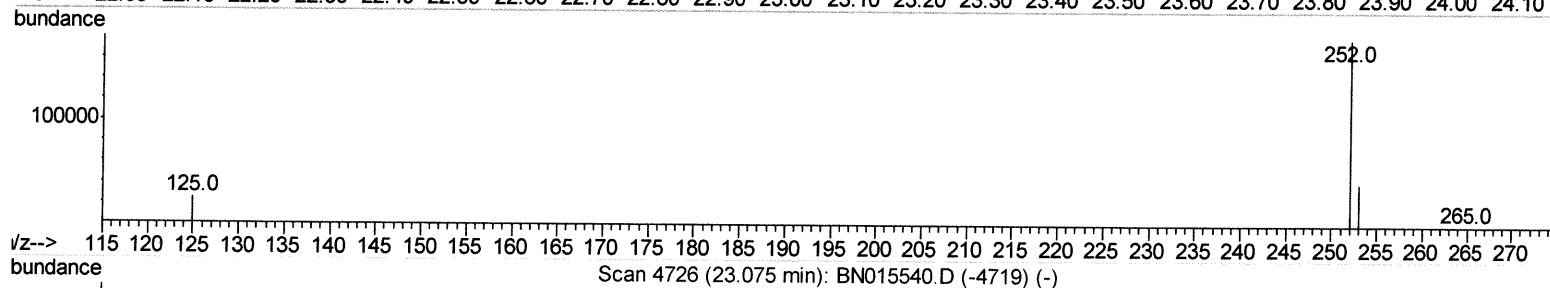
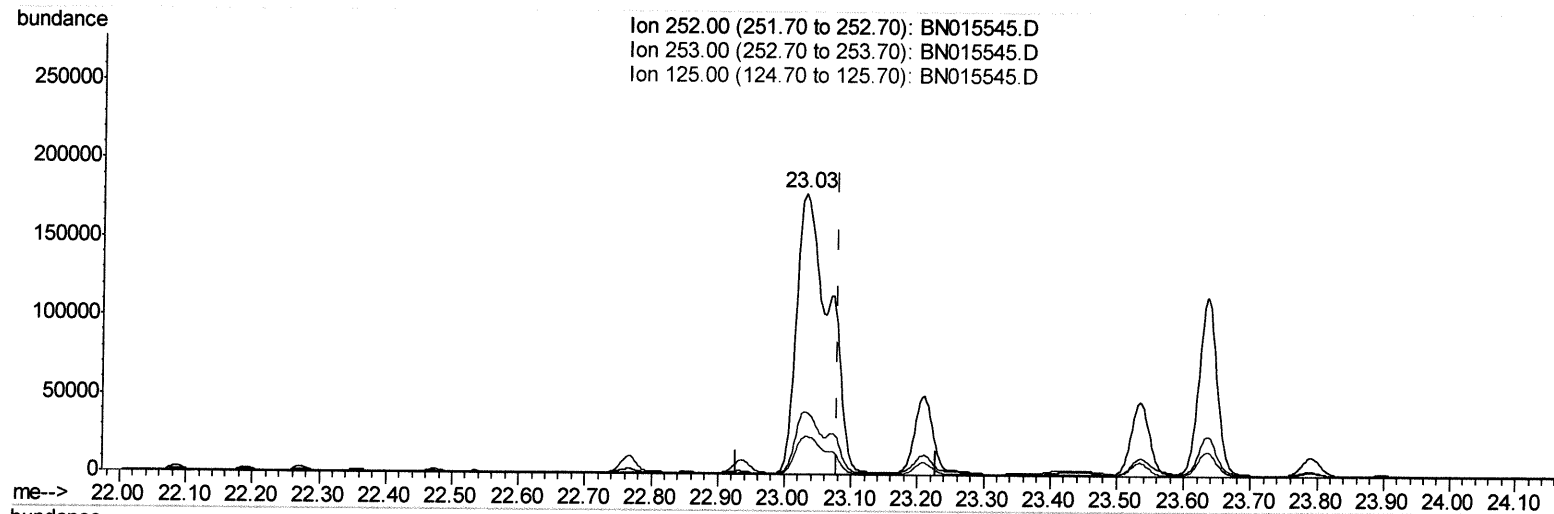
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.032min (-0.047) 14.12ng/ul

response 606588

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.50
125.00	14.40	13.56
0.00	0.00	0.00

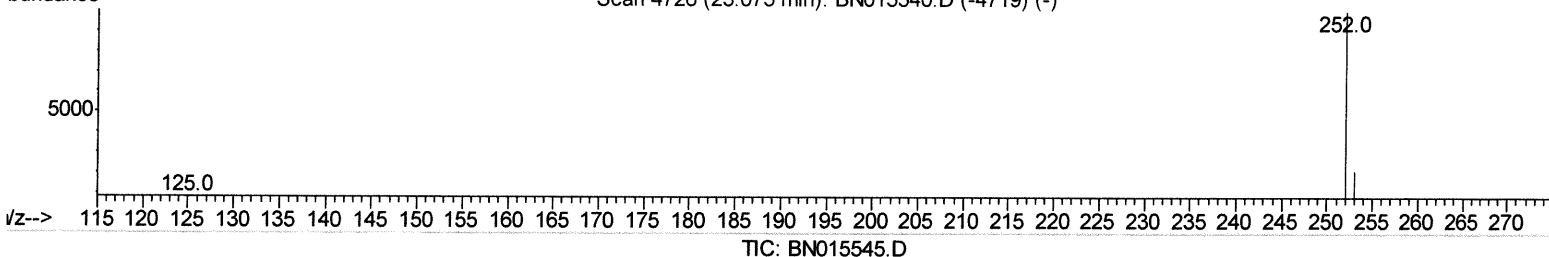
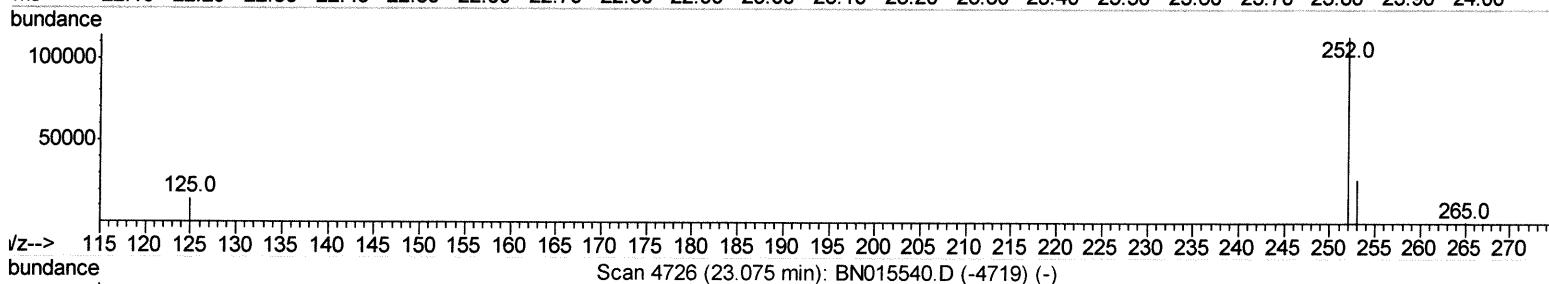
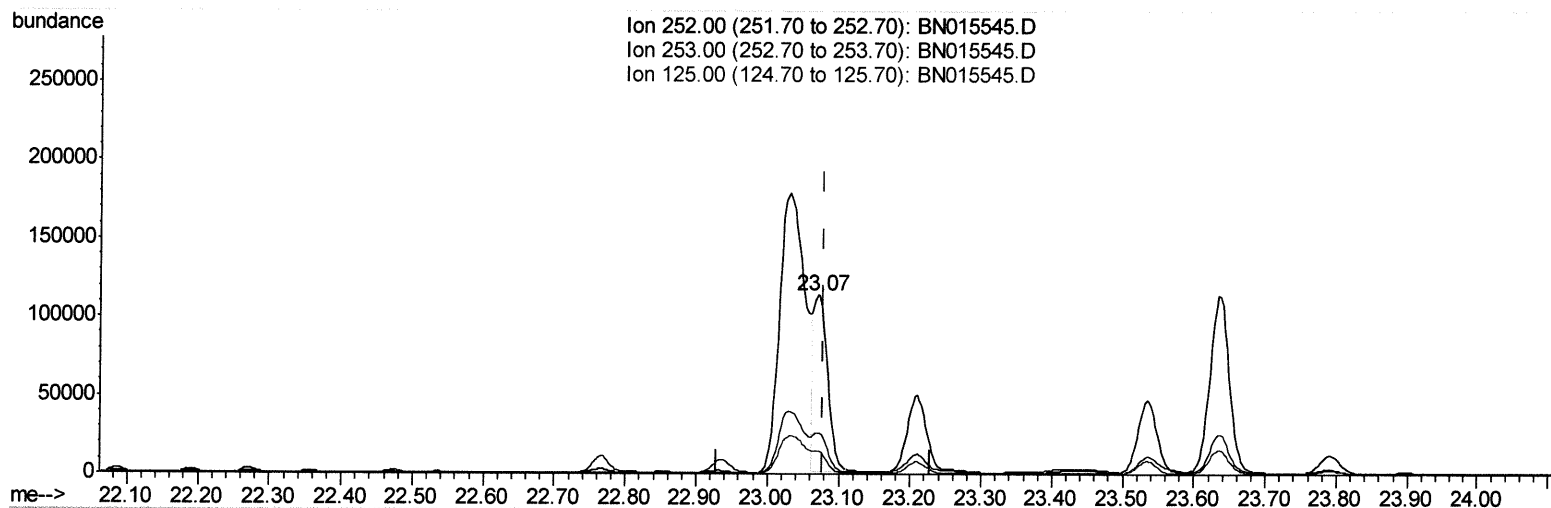
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 Data File : BN015545.D
 Acq On : 14 Jul 2021 01:43
 Operator : CG/JU
 Sample : M2869-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BGDx8

Manual Integrations
 APPROVED

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Quant Time: Jul 14 05:33:47 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 05:24:11 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.073min (-0.006) 3.64ng/ul m

response 156430

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.25
125.00	14.40	12.63
0.00	0.00	0.00

Handwritten signature: JU 7/15/21

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015545.D
 Acq On : 14 Jul 2021 01:43
 Operator : CG/JU
 Sample : M2869-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDx8

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:15:02 PM

Quant Time: Jul 14 05:35:03 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2878	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	10073	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	5397	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	10636	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	8683	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	8145	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7444	2.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	2848	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	6303	0.22	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.64	128	59599	1.855	ng/ul	99
7) 2-Methylnaphthalene	12.26	142	6981	0.332	ng/ul	99
8) 1-Methylnaphthalene	12.48	142	4933	0.243	ng/ul	99
10) Acenaphthylene	14.16	152	35890	1.286	ng/ul	100
11) Acenaphthene	14.50	153	47462	2.220	ng/ul	100
12) Fluorene	15.49	166	35626	1.508	ng/ul	98
15) Phenanthrene	17.23	178	480517	12.448	ng/ul	100
16) Anthracene	17.32	178	175843	5.167	ng/ul	99
19) Fluoranthene	19.26	202	857835	21.380	ng/ul	100
20) Pyrene	19.62	202	571819	14.210	ng/ul	99
21) Benzo(a)anthracene	21.37	228	424878	13.209	ng/ul	95
22) Chrysene	21.42	228	340245	8.836	ng/ul	98
24) Benzo(b)fluoranthene	23.03	252	440280m	11.571	ng/ul	99
25) Benzo(k)fluoranthene	23.07	252	156430m	3.642	ng/ul	99
26) Benzo(a)pyrene	23.63	252	213968	6.695	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.16	276	148252	3.841	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.17	278	50438	1.667	ng/ul	98
29) Benzo(a,h,i)perylene	26.91	276	8228	0.230	ng/ul#	85

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