

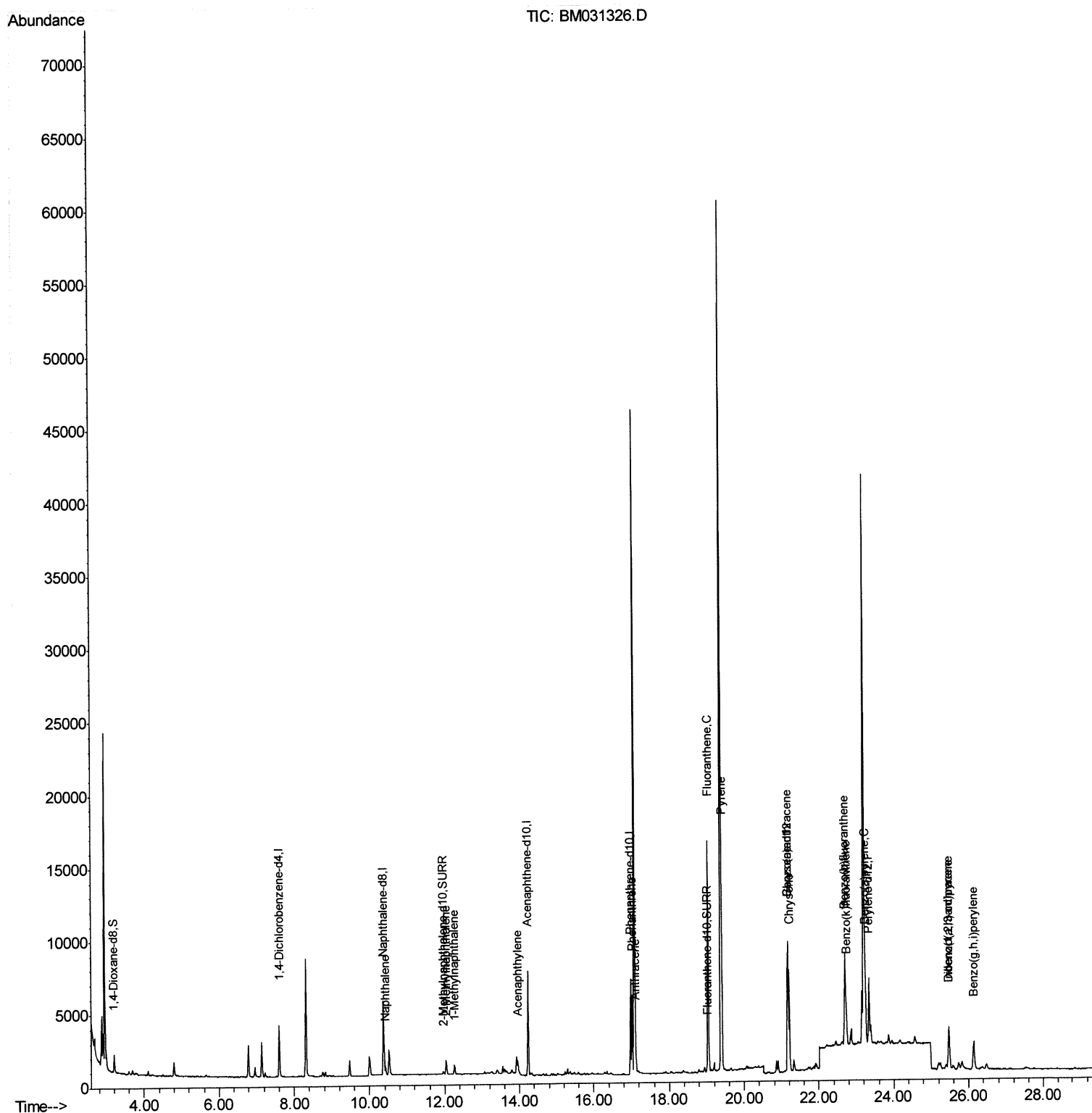
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031326.D
Acq On : 31 Jul 2021 23:43
Operator : CG/JU
Sample : M3091-05DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0043DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:14 PM

Quant Time: Aug 02 03:13:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 02:05:37 2021
Response via : Initial Calibration



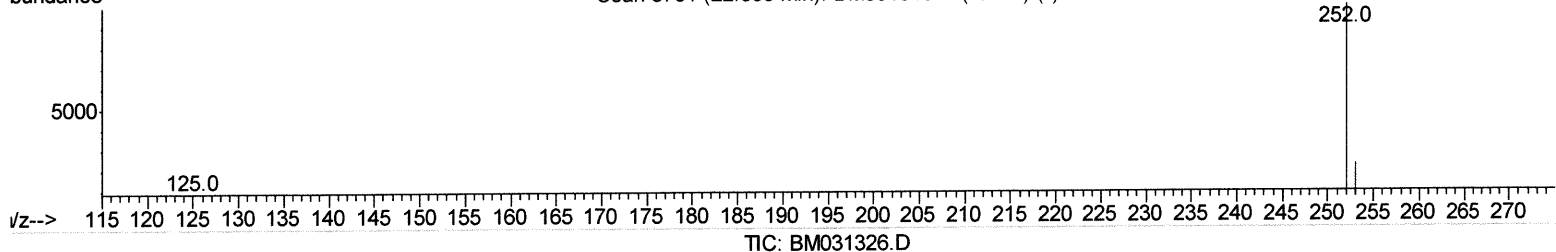
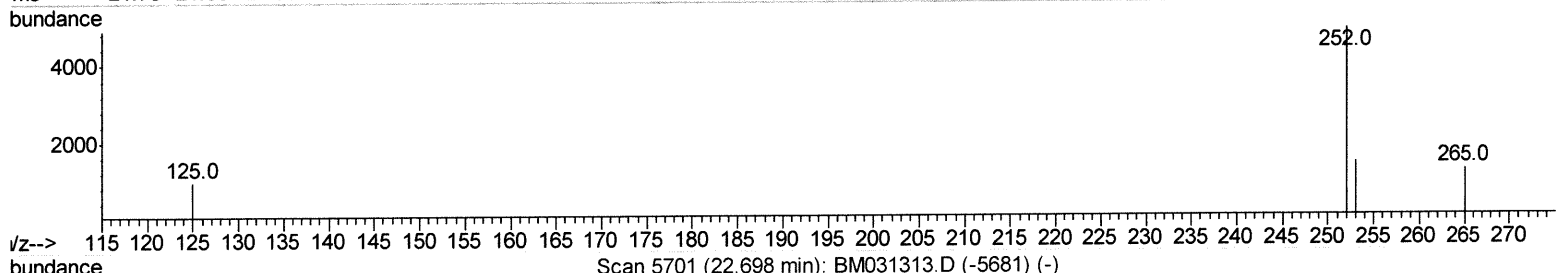
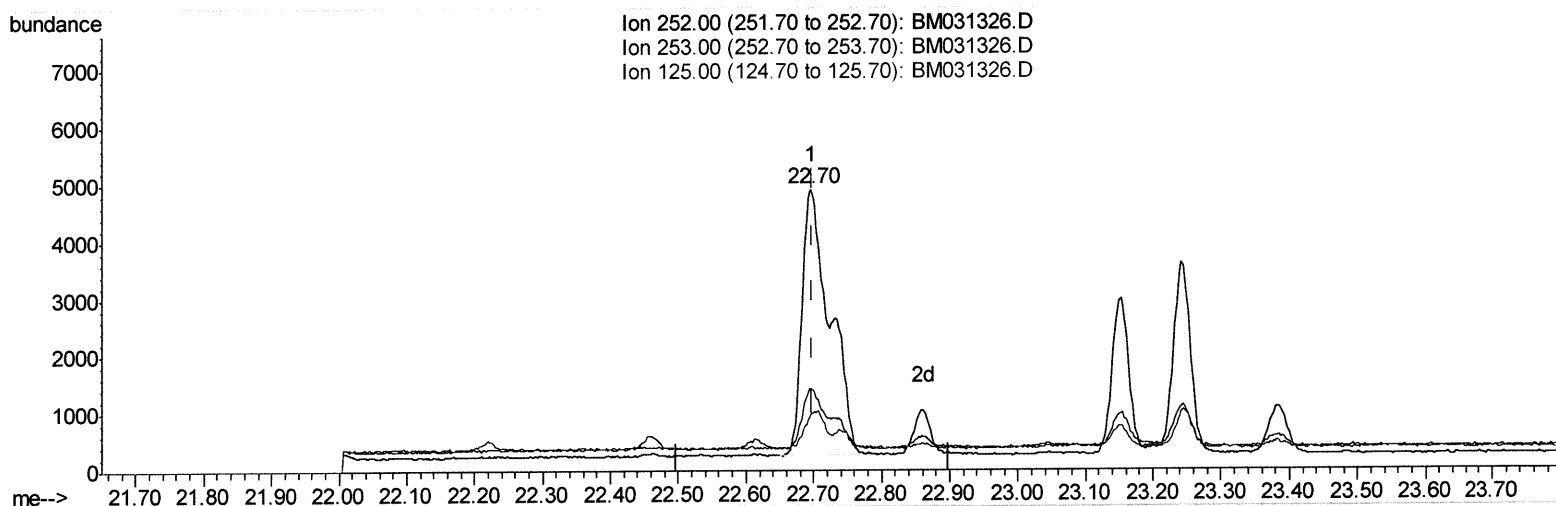
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Quant Time: Aug 02 03:09:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 02:05:37 2021
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(24) Benzo(b)fluoranthene

22.697min (-0.002) 0.53ng/ul

response 13307

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.30
125.00	11.40	19.89
0.00	0.00	0.00

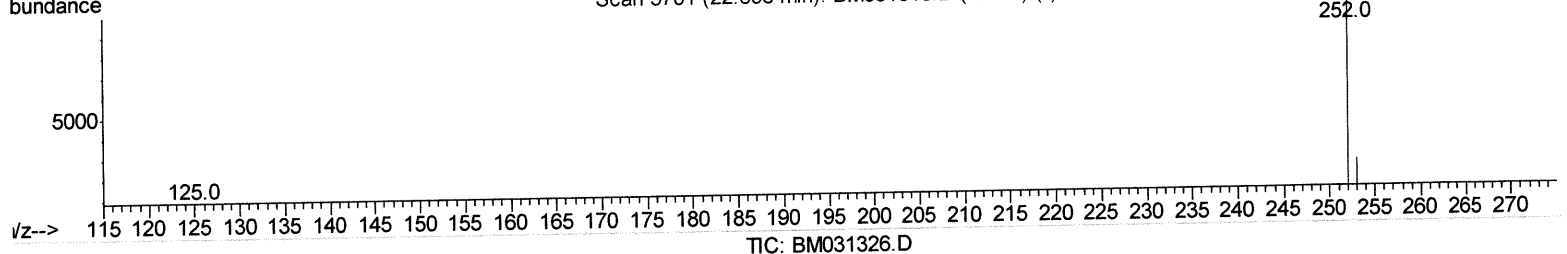
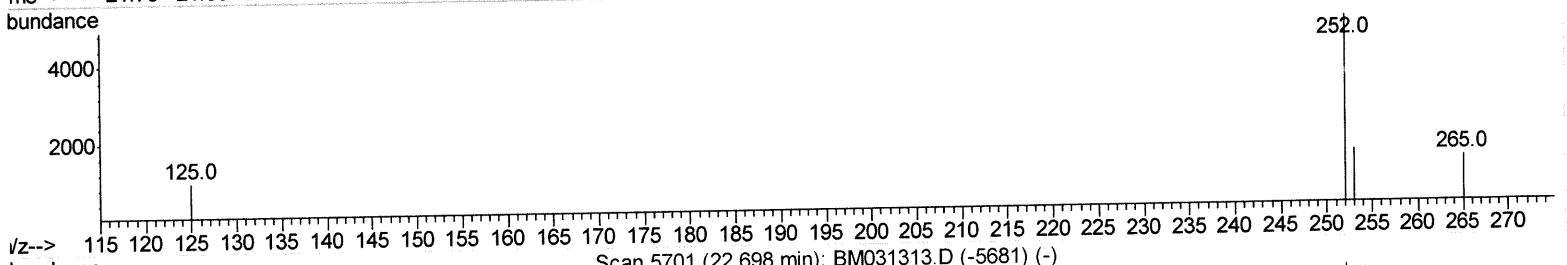
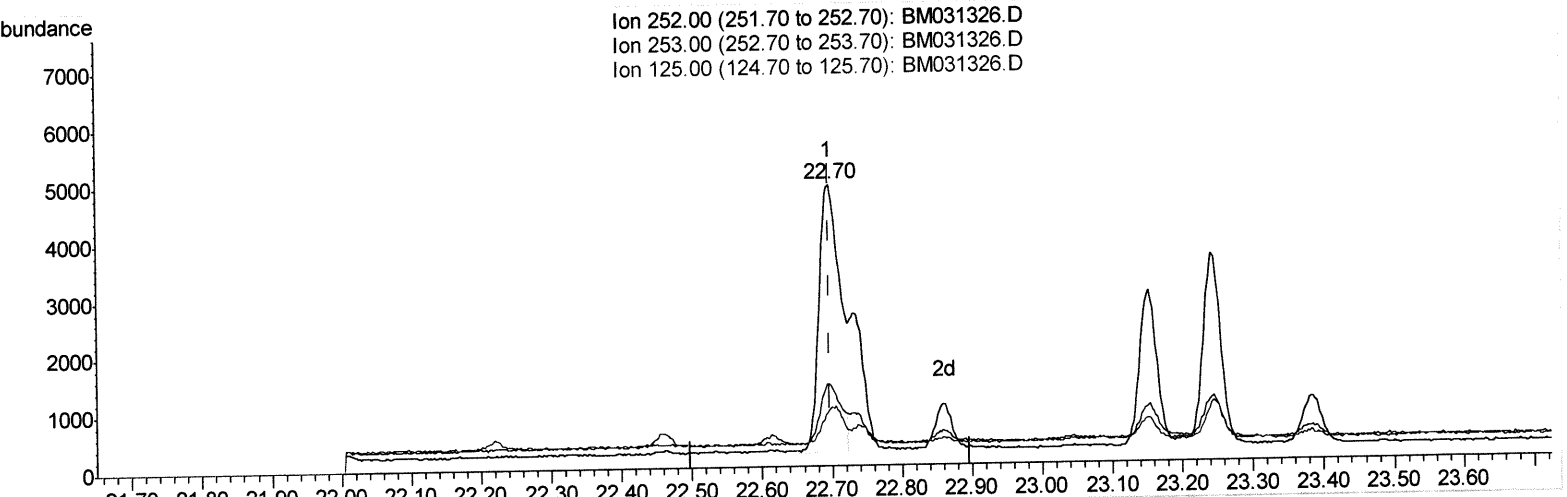
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(24) Benzo(b)fluoranthene

22.697min (-0.002) 0.40ng/ul m

ju 8/3/21

response 9942

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.30
125.00	11.40	19.89
0.00	0.00	0.00

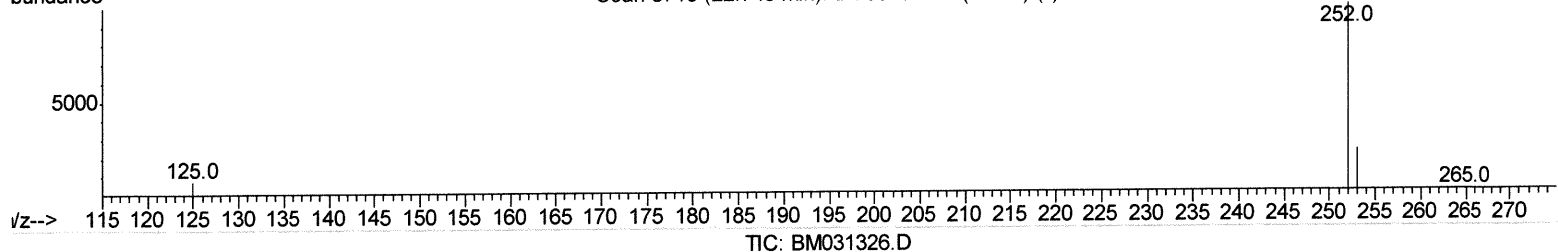
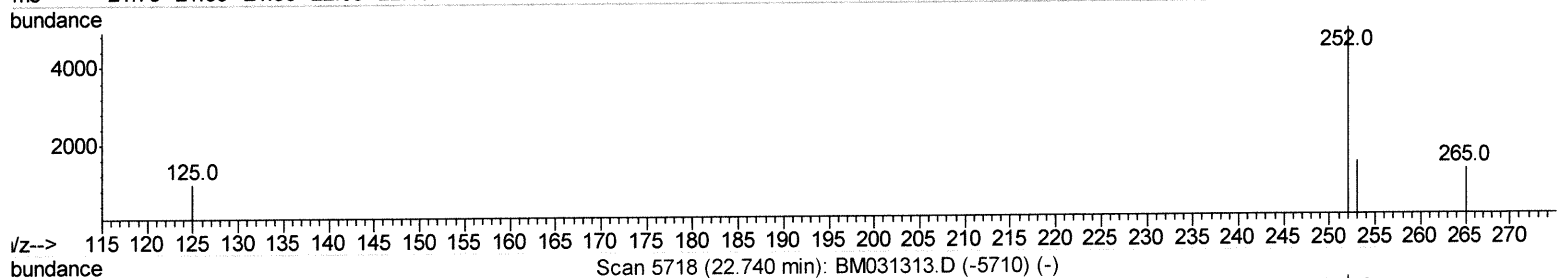
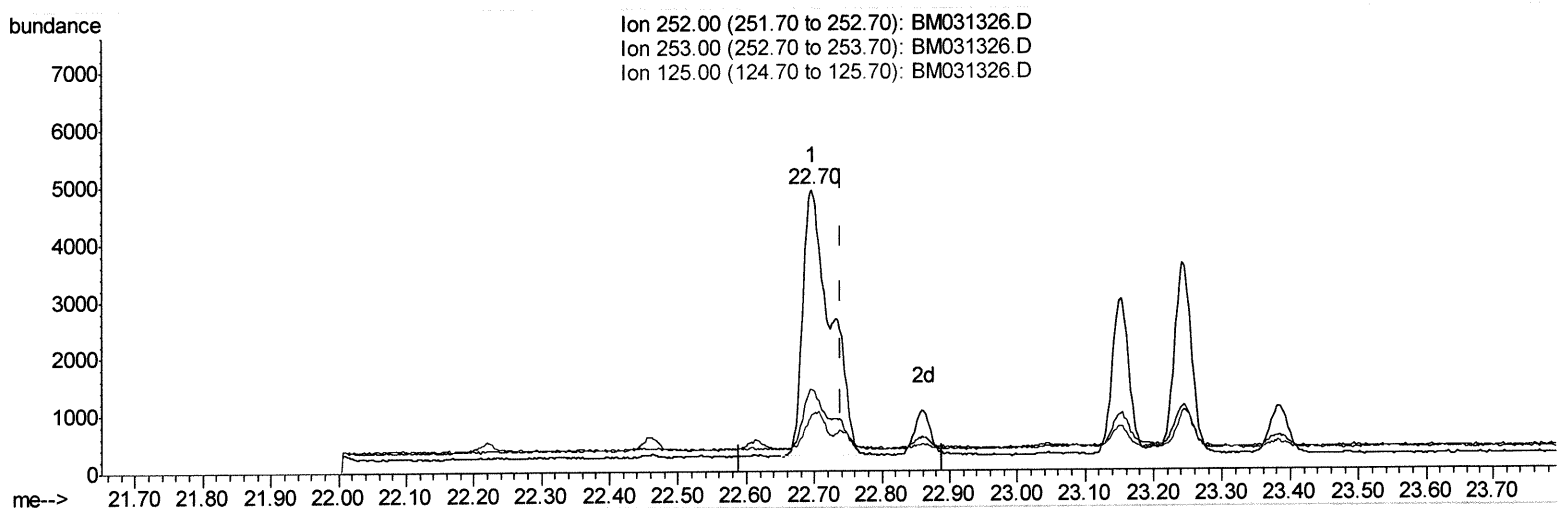
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 Operator : CG/JU
 Sample : M3091-05DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0043DL

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:42:14 PM

Quant Time: Aug 02 03:12:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 02:05:37 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene
 22.697min (-0.043) 0.51ng/ul
 response 13307

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.30
125.00	11.00	19.89#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
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 Sample : M3091-05DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

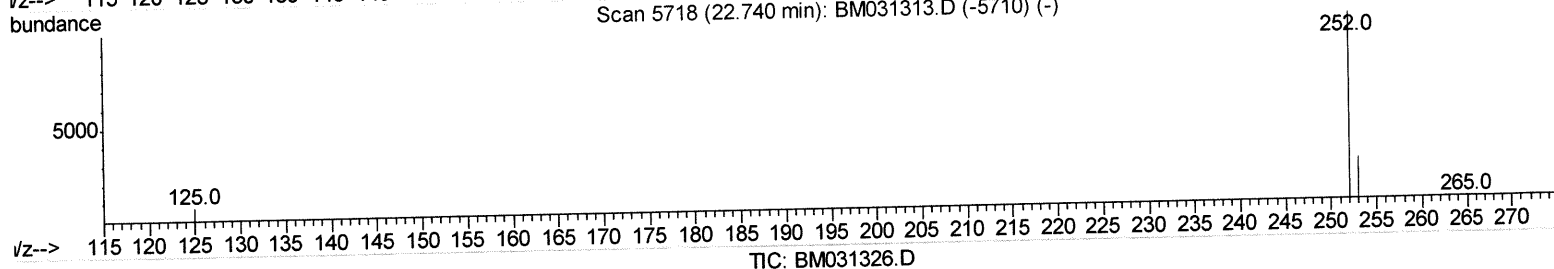
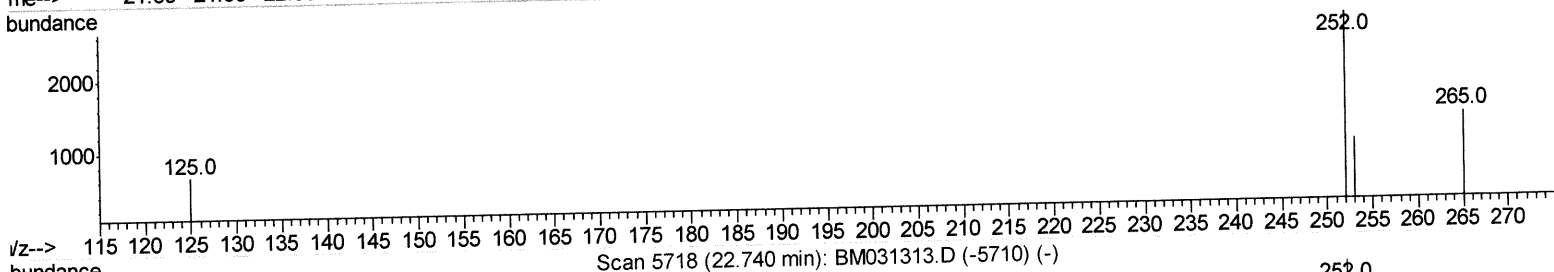
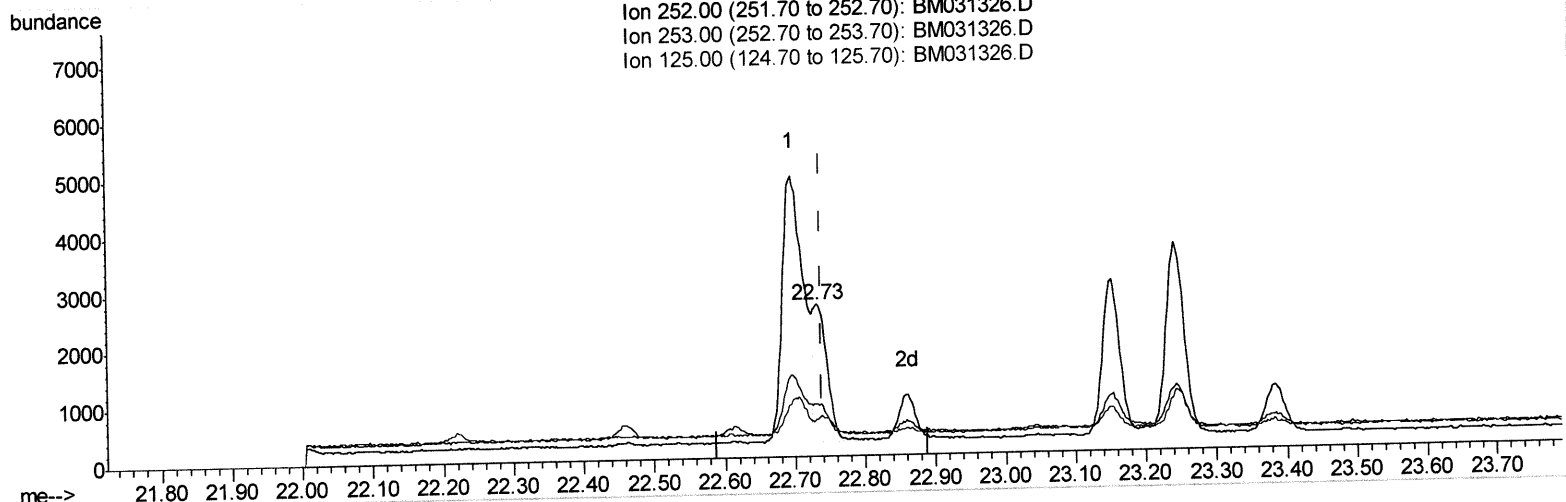
Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Aug 02 03:12:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BM031326.D
 Ion 253.00 (252.70 to 253.70): BM031326.D
 Ion 125.00 (124.70 to 125.70): BM031326.D



(25) Benzo(k)fluoranthene

22.731min (-0.009) 0.14ng/ul m

Jy 8/3/21

response 3498

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.42#
125.00	11.00	24.49#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1740	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6769	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	4010	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	7732	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5855	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5564	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	743	0.38	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	339	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	678	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.42	128	803	0.040	ng/ul#	80
7) 2-Methylnaphthalene	12.04	142	749	0.054	ng/ul	96
8) 1-Methylnaphthalene	12.26	142	464	0.034	ng/ul	97
10) Acenaphthylene	13.96	152	986	0.058	ng/ul#	89
15) Phenanthrene	17.03	178	5628	0.229	ng/ul	99
16) Anthracene	17.12	178	1282	0.056	ng/ul#	89
19) Fluoranthene	19.05	202	13877	0.555	ng/ul#	95
20) Pyrene	19.41	202	11952	0.471	ng/ul#	93
21) Benzo(a)anthracene	21.16	228	6078	0.257	ng/ul	93
22) Chrysene	21.21	228	6997	0.286	ng/ul	97
24) Benzo(b)fluoranthene	22.70	252	9942m	0.397	ng/ul	} J4 8/3/21
25) Benzo(k)fluoranthene	22.73	252	3498m	0.135	ng/ul	
26) Benzo(a)pyrene	23.24	252	5932	0.270	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.48	276	4497	0.158	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.49	278	1123	0.049	ng/ul#	43
29) Benzo(a,h,i)perylene	26.13	276	3972	0.164	ng/ul#	90

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