

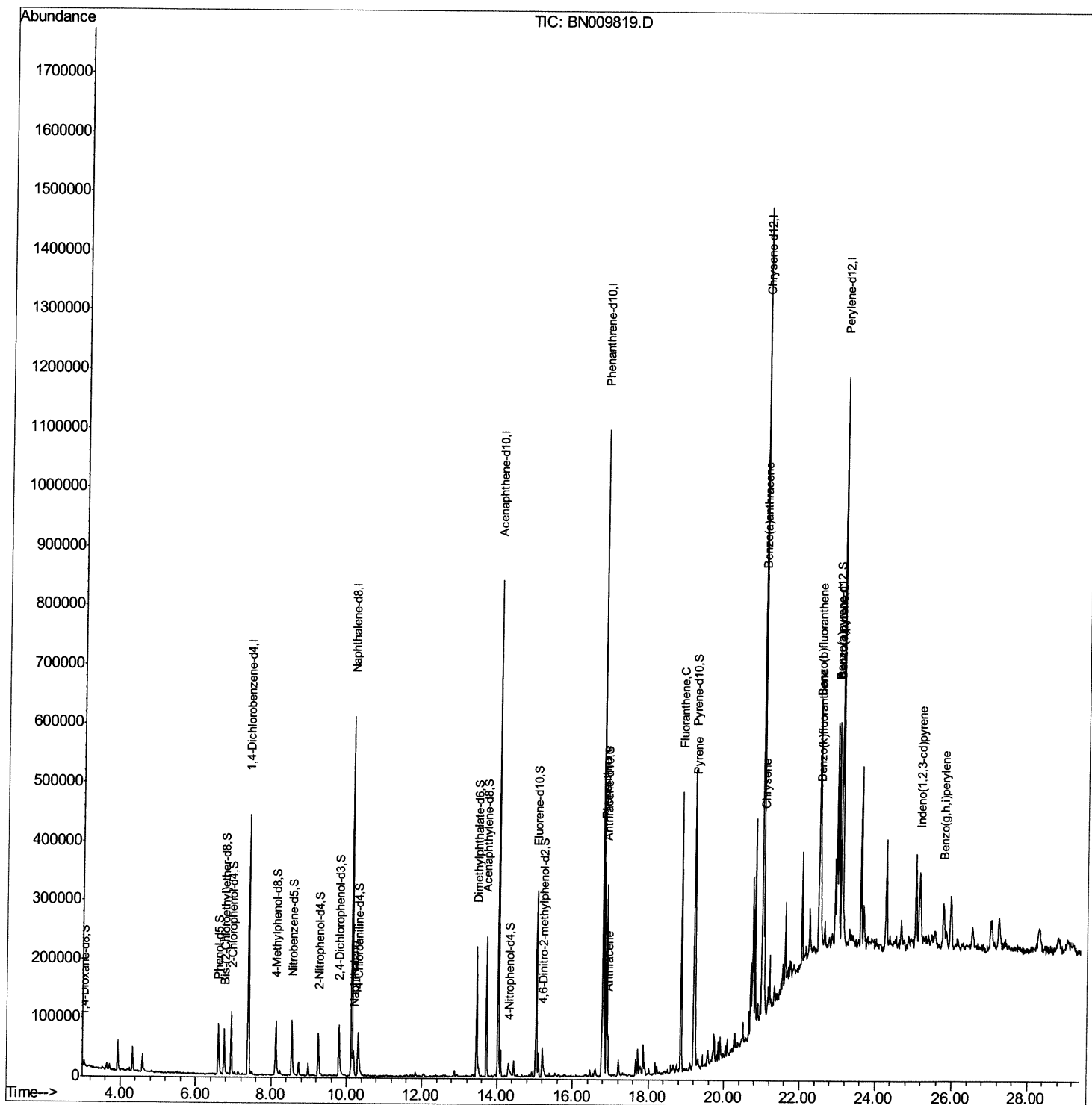
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009819.D
Acq On : 21 Feb 2020 22:06
Operator : CG/JU
Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Q3

Manual Integrations
APPROVED

mohammad
2/24/2020 4:48:08 PM

Quant Time: Feb 21 22:45:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

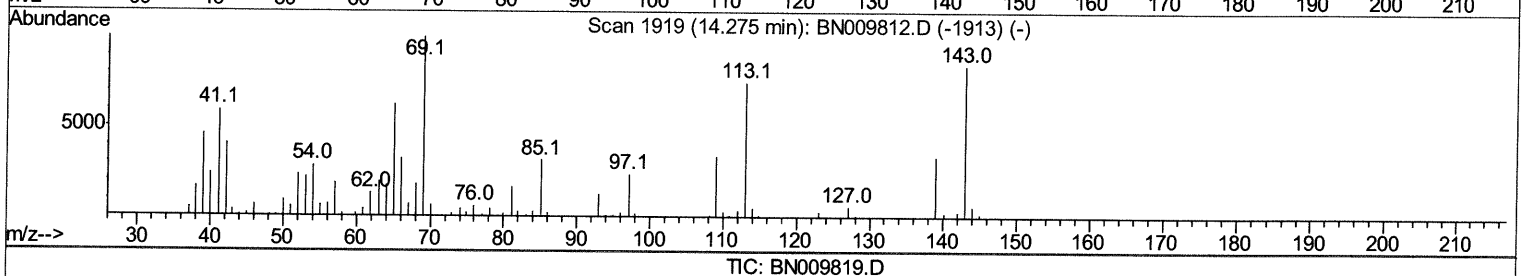
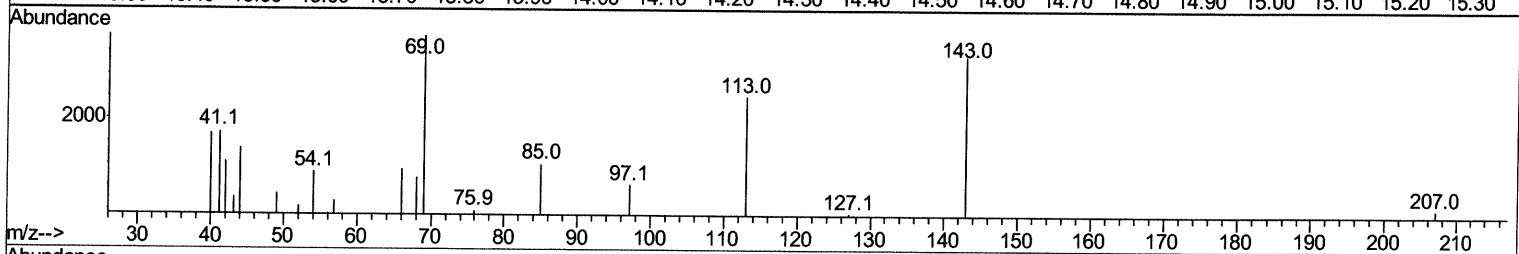
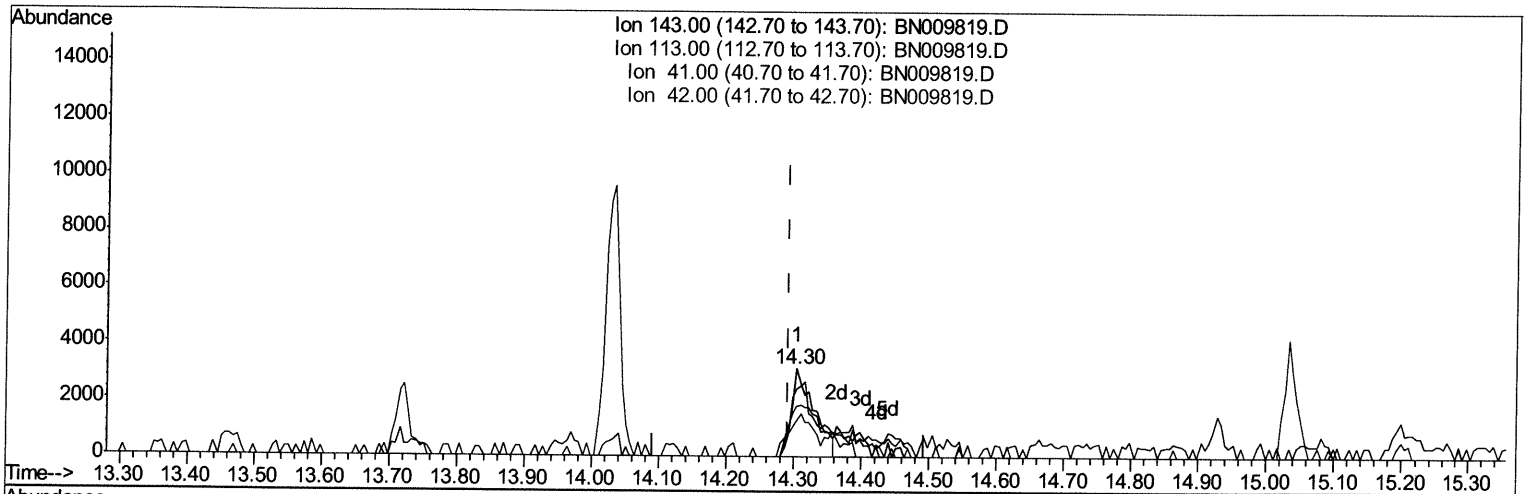
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(52) 4-Nitrophenol-d4 (S)
 14.304min (+0.012) 1.93ng/ul
 response 7189

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	77.24
41.00	66.00	56.56
42.00	43.20	40.12

Quantitation Report (Qedit)

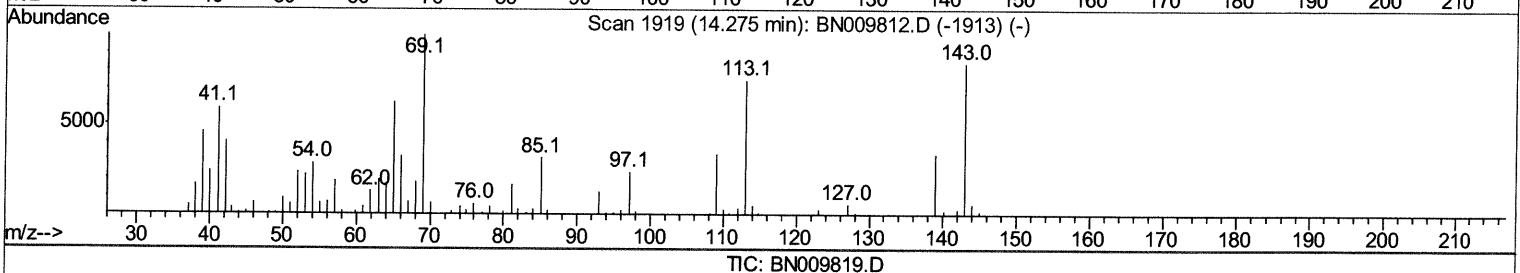
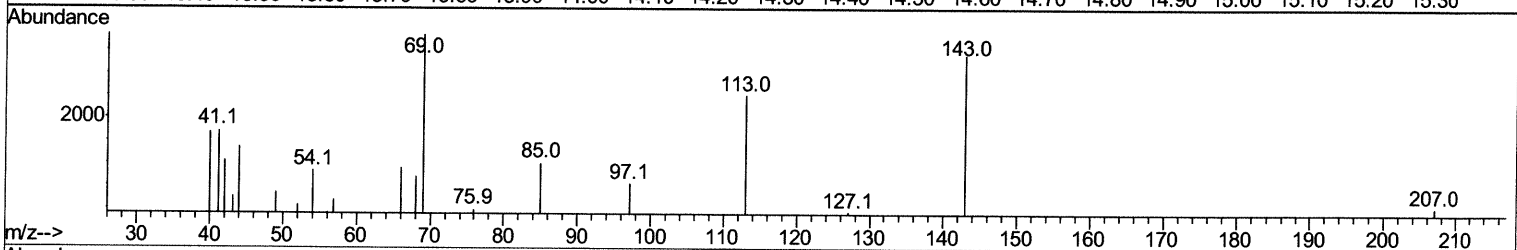
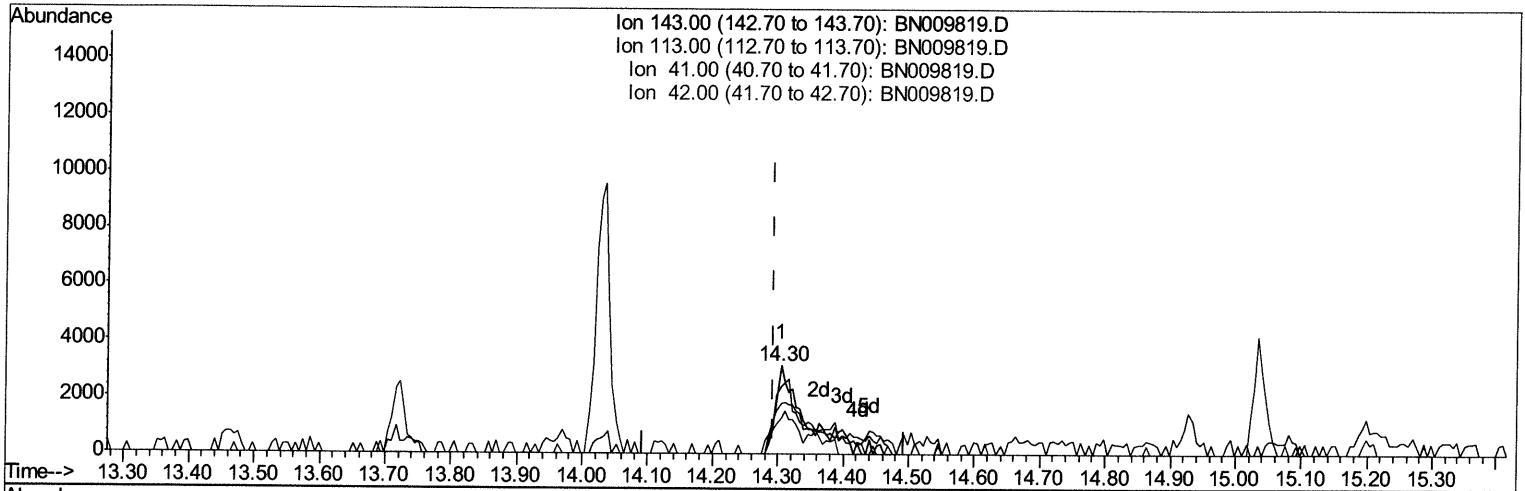
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TIC: BN009819.D

(52) 4-Nitrophenol-d4 (S)

14.304min (+0.012) 2.56ng/ul m *JU 02/25/20*

response 9572

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	77.24
41.00	66.00	56.56
42.00	43.20	40.12

Quantitation Report (Qedit)

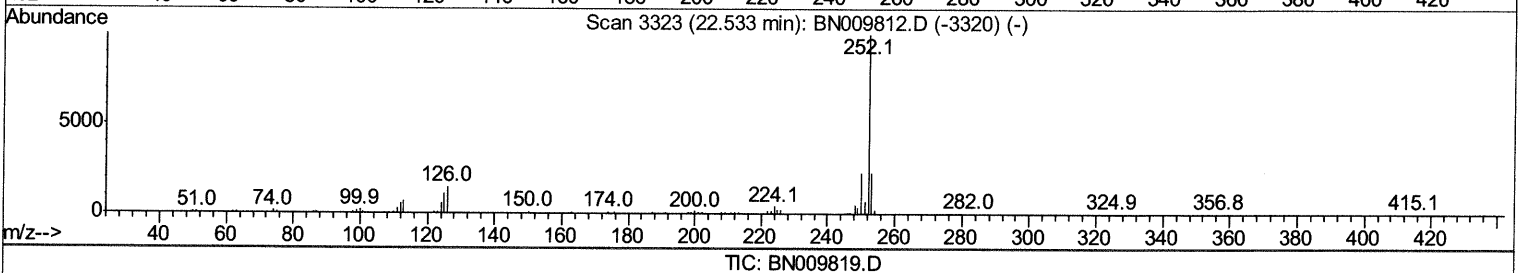
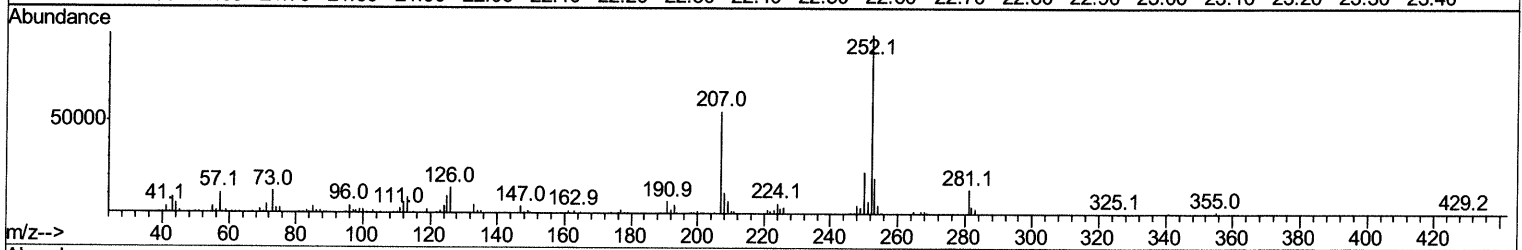
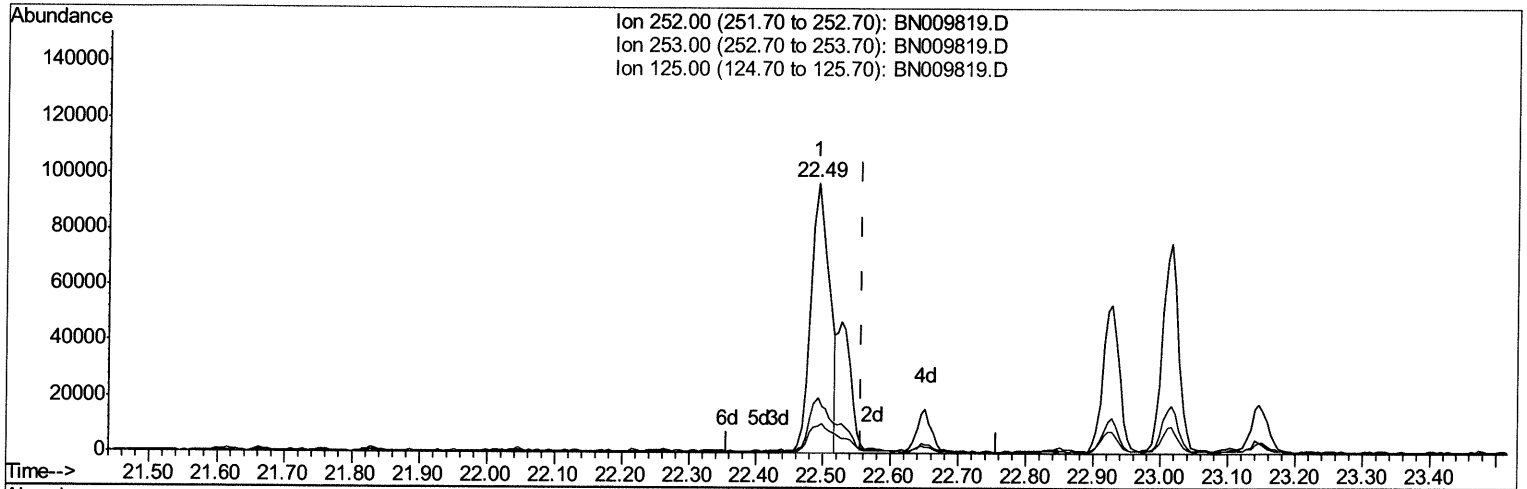
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Instrument :
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(89) Benzo(k)fluoranthene

22.492min (-0.065) 5.03ng/ul

response 184457

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	20.43
125.00	10.20	10.12
0.00	0.00	0.00

Quantitation Report (Qedit)

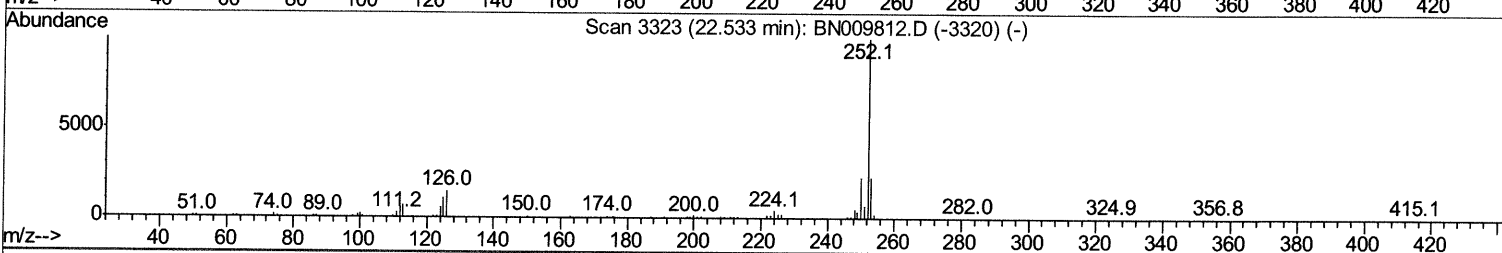
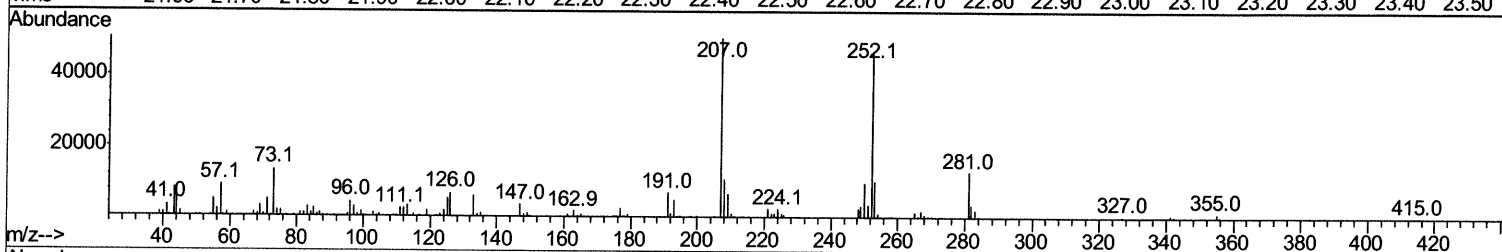
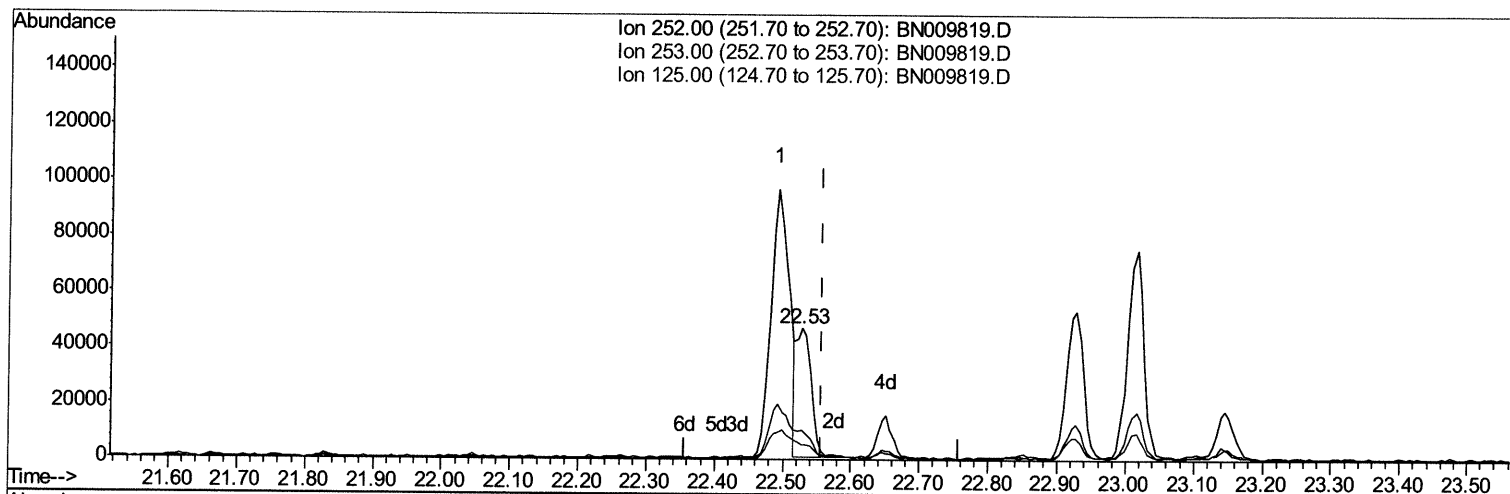
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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TIC: BN009819.D

(89) Benzo(k)fluoranthene

22.527min (-0.029) 1.81ng/ul m JU 02/25/20

response 66425

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.39
125.00	10.20	11.63
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	105268	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	439275	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	273646	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	571465	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	520626	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	597057	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	3500	1.37	ng/uL	0.00
5) Phenol-d5	6.60	99	48343	5.40	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	41438	6.71	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	42308	6.28	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	36133	5.07	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	19174	5.97	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.25	143	20144	5.73	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.80	165	37697	5.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	48981	6.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	141546	6.93	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	159324	6.62	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	9572m >	2.56	ng/ul >	0.01 JU 02/25/20
58) Fluorene-d10	15.04	176	122250	6.93	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.21	200	10291	2.90	ng/ul	0.00
71) Anthracene-d10	16.89	188	181752	6.94	ng/ul	-0.02
79) Pyrene-d10	19.19	212	214625	7.89	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	226017	7.58	ng/ul	-0.03
Target Compounds						
28) Naphthalene	10.19	128	28938	1.222	ng/ul	99
70) Phenanthrene	16.83	178	198232	6.078	ng/ul	98
72) Anthracene	16.93	178	40382	1.211	ng/ul	99
77) Fluoranthene	18.86	202	272697	7.138	ng/ul	97
80) Pvrene	19.22	202	244633	6.517	ng/ul	99
83) Benzo(a)anthracene	20.99	228	140689	3.932	ng/ul	96
85) Chrysene	21.04	228	136163	3.866	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	184457	4.765	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	66425m >	1.812	ng/ul >	JU 02/25/20
91) Benzo(a)pyrene	23.02	252	122835	3.528	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.14	276	88753	2.147	ng/ul	93
94) Benzo(g,h,i)perylene	25.76	276	78962	2.278	ng/ul	98

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