

(QT Reviewed)

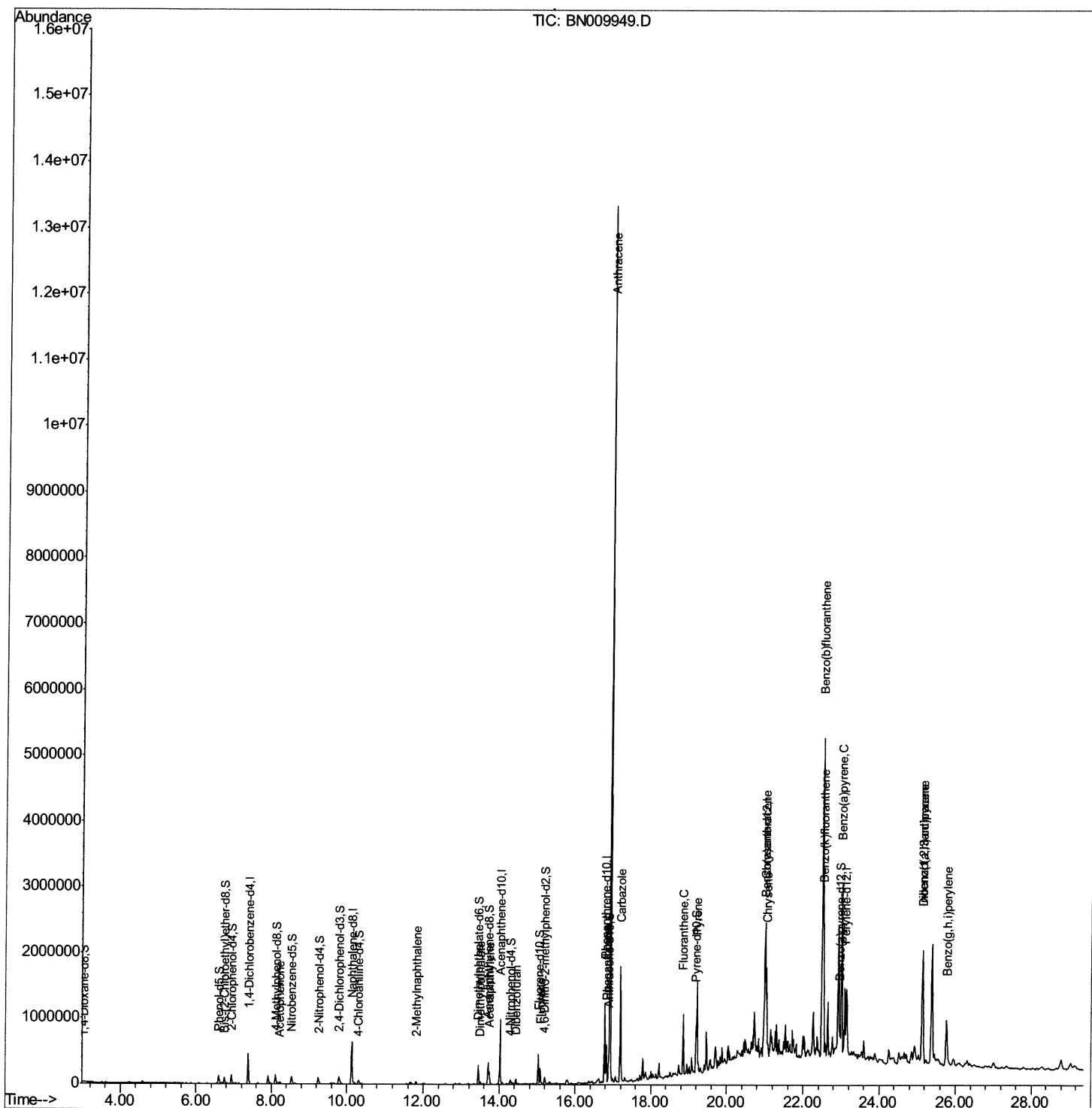
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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\  
Data File : BN009949.D  
Acq On    : 27 Feb 2020   04:19  
Operator  : CG/JU  
Sample    : L1612-19  
Misc      :  
ALS Vial  : 30      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
DBDM1

Manual Integrations

mohammad
2/27/2020 4:57:50 PM

Quant Time: Feb 27 08:39:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

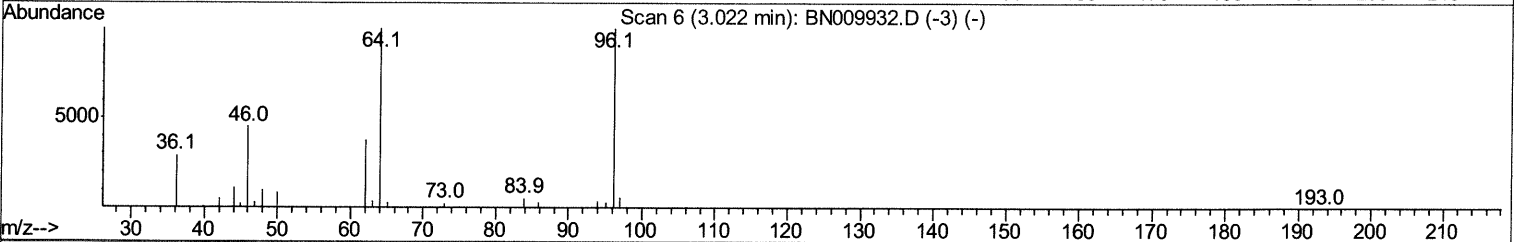
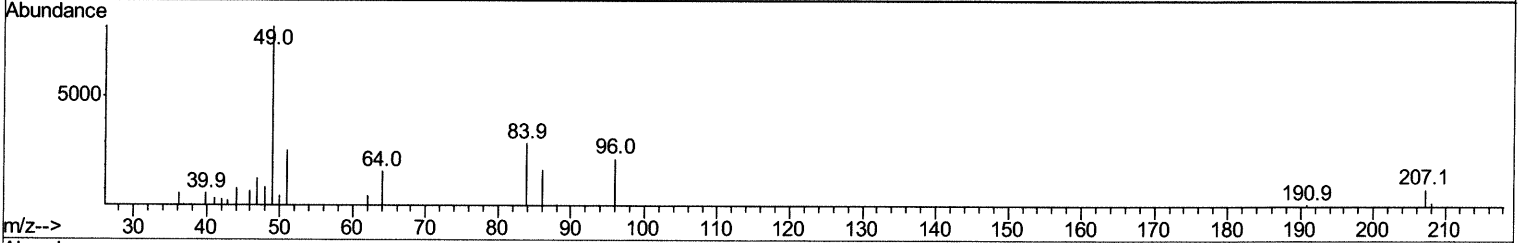
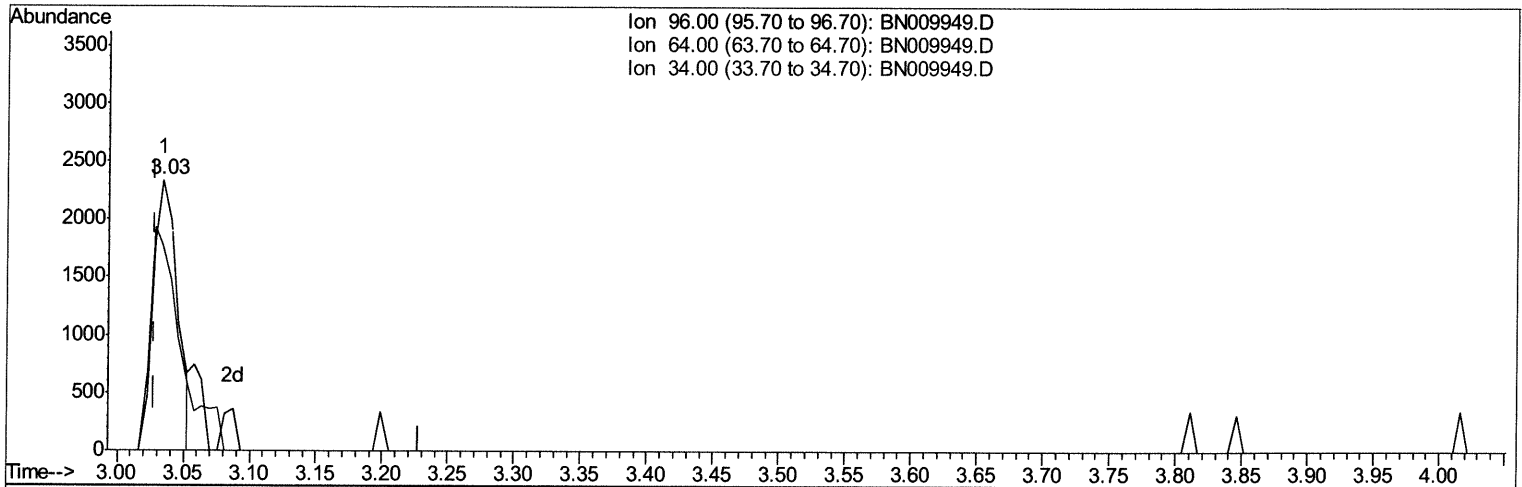
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TIC: BN009949.D

(3) 1,4-Dioxane-d8 (S)
 3.034min (+0.006) 1.20ng/uL
 response 2948

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	76.02
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

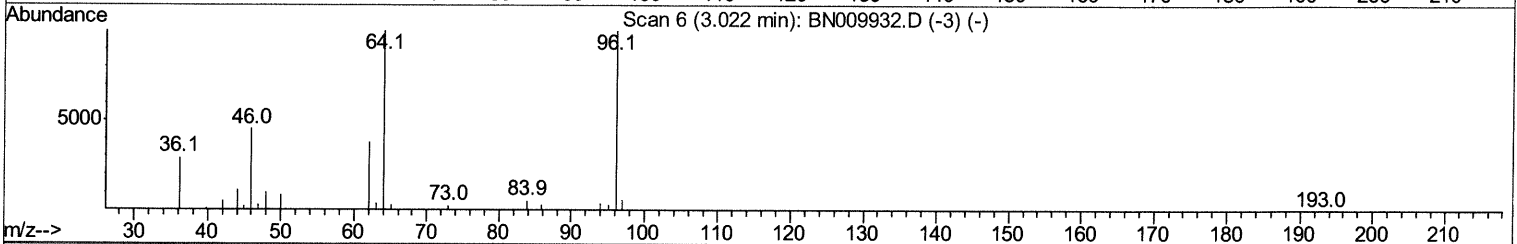
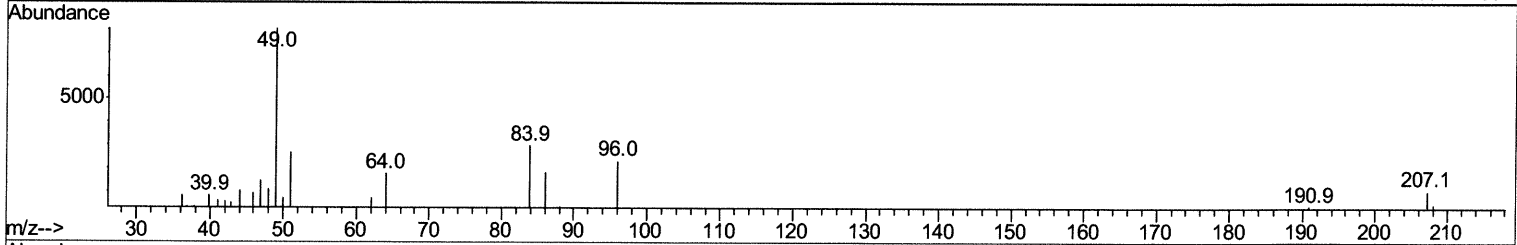
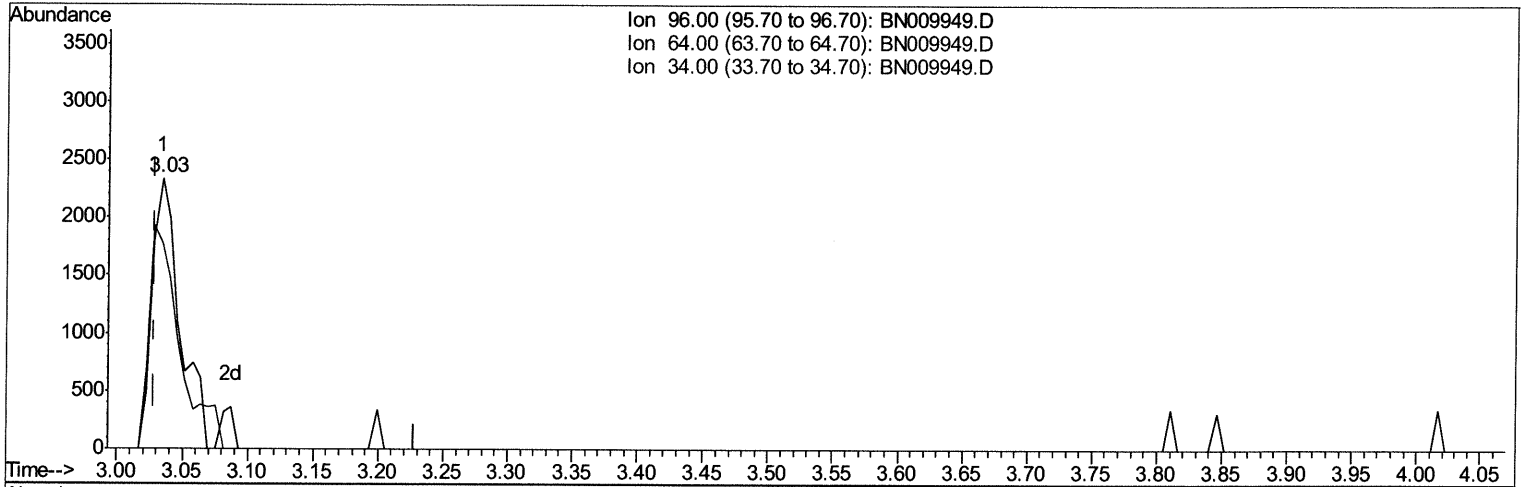
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TIC: BN009949.D

(3) 1,4-Dioxane-d8 (S)

3.034min (+0.006) 1.39ng/uL m JU 02/27/20

response 3426

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	76.02
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

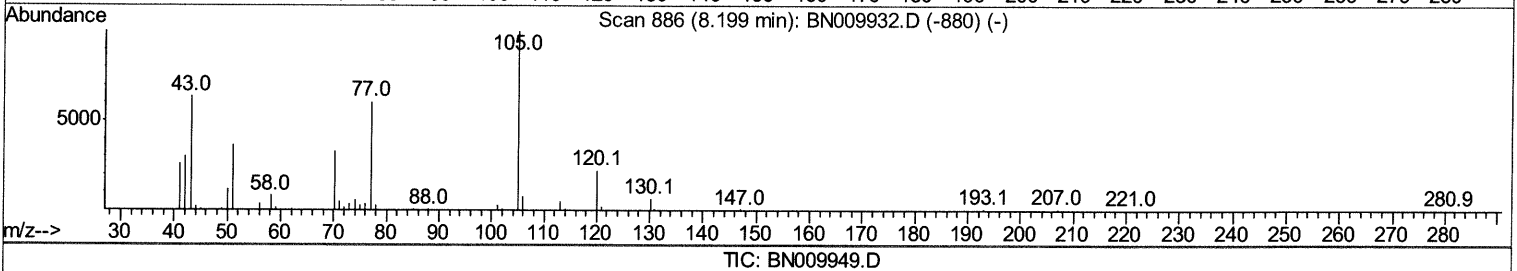
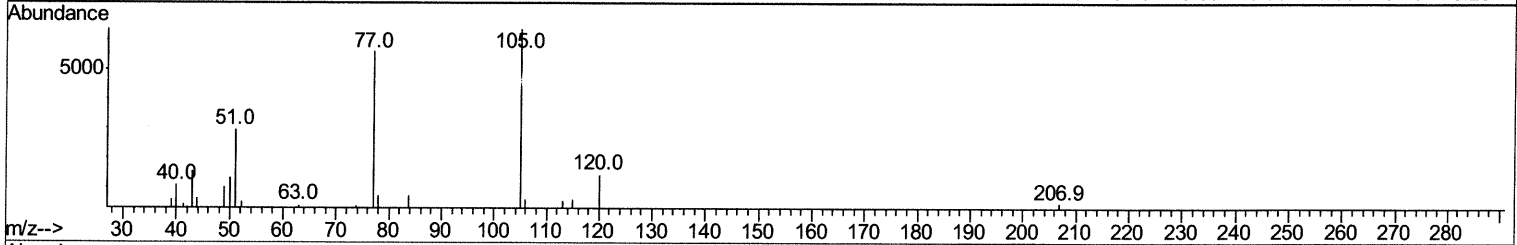
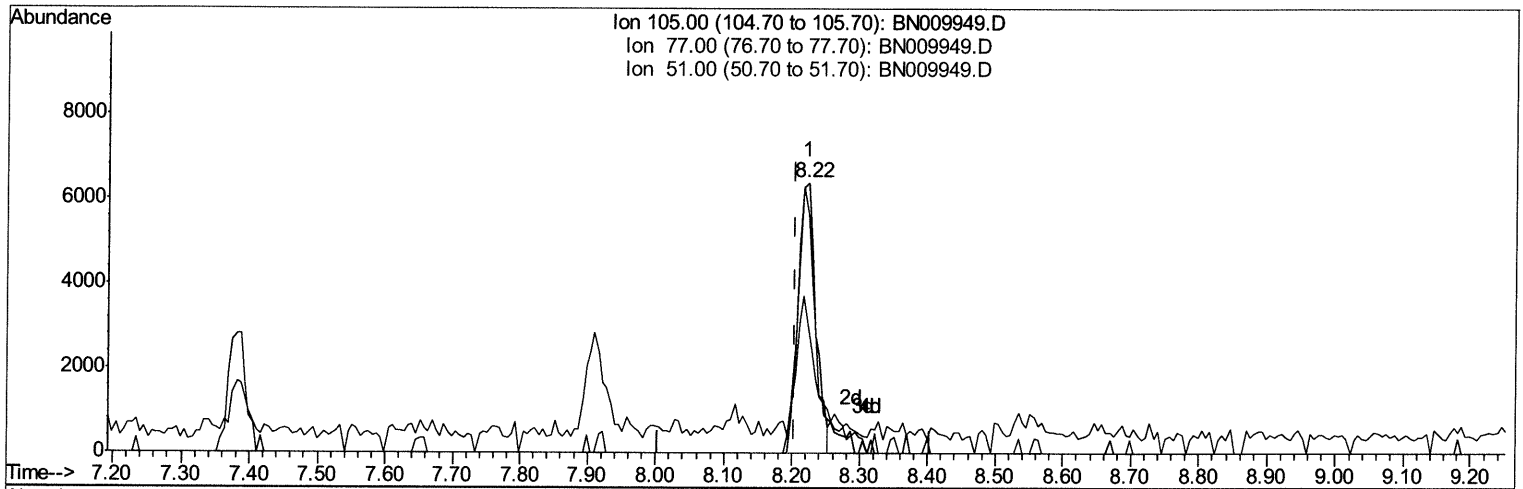
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TIC: BN009949.D

(14) Acetophenone

8.222min (+0.018) 1.03ng/ul

response 11524

Ion	Exp%	Act%
105.00	100	100
77.00	86.10	88.31
51.00	44.50	46.27
0.00	0.00	0.00

Quantitation Report (Qedit)

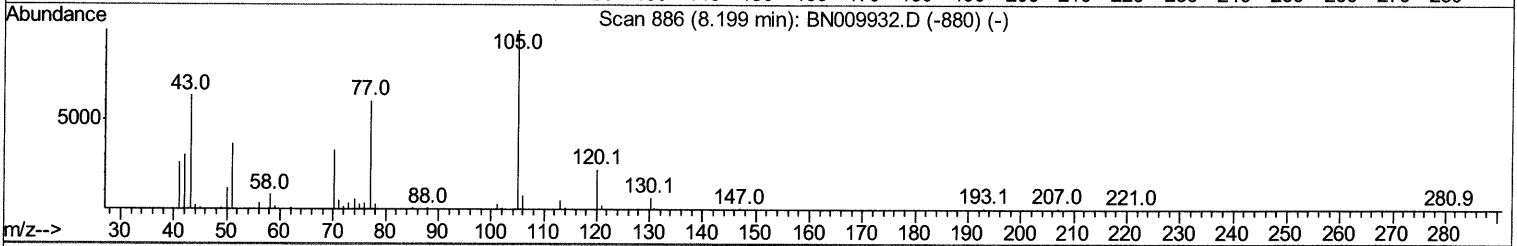
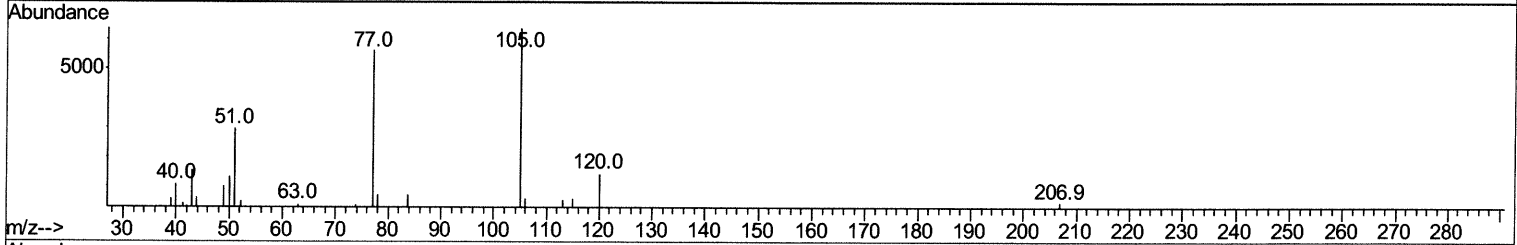
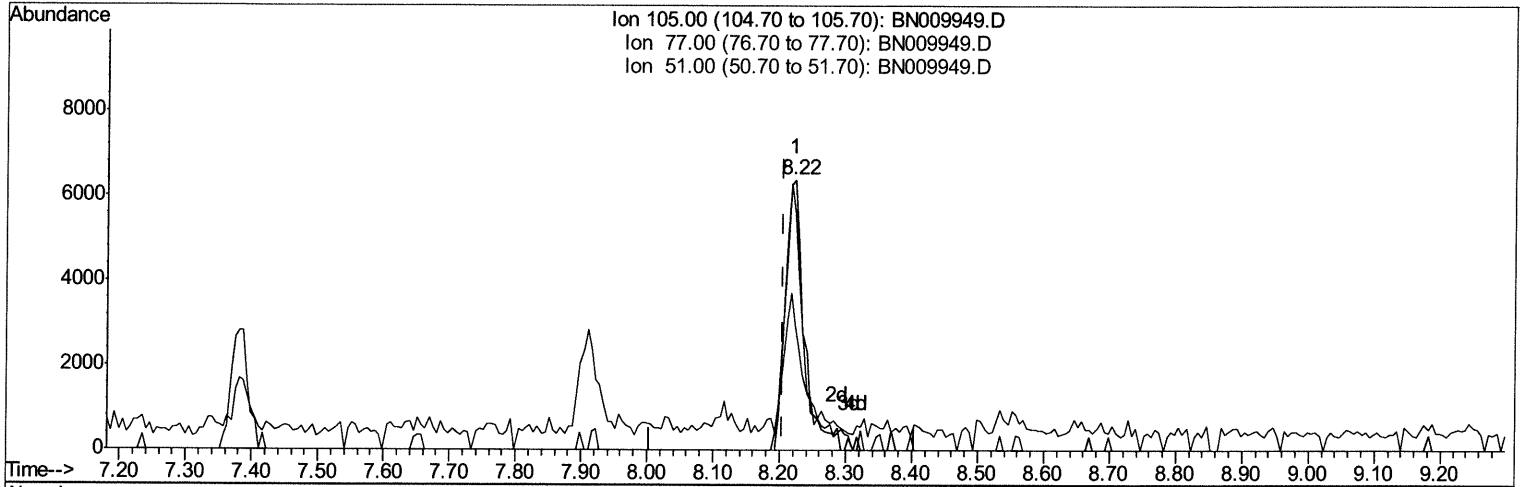
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 Sample : L1612-19
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Instrument :
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TIC: BN009949.D

(14) Acetophenone

8.222min (+0.018) 1.13ng/ul m JU 02/27/20

response 12583

Ion	Exp%	Act%
105.00	100	100
77.00	86.10	88.31
51.00	44.50	46.27
0.00	0.00	0.00

Quantitation Report (Qedit)

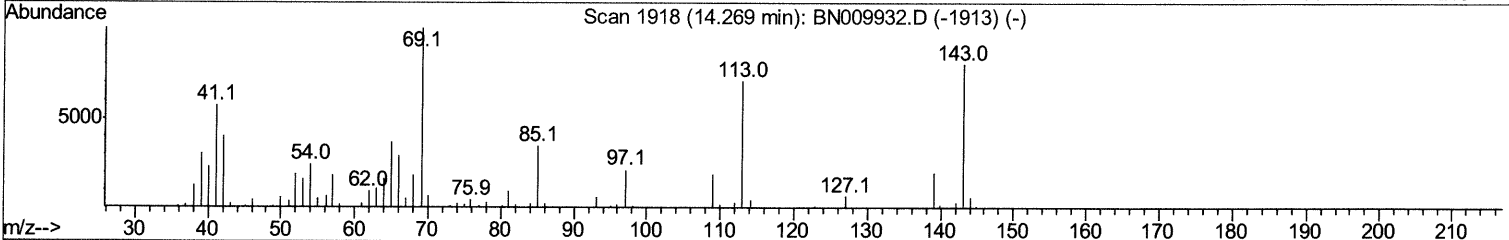
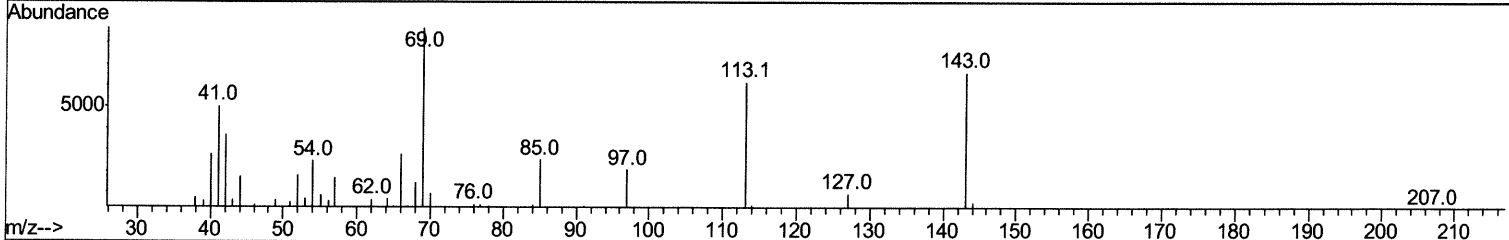
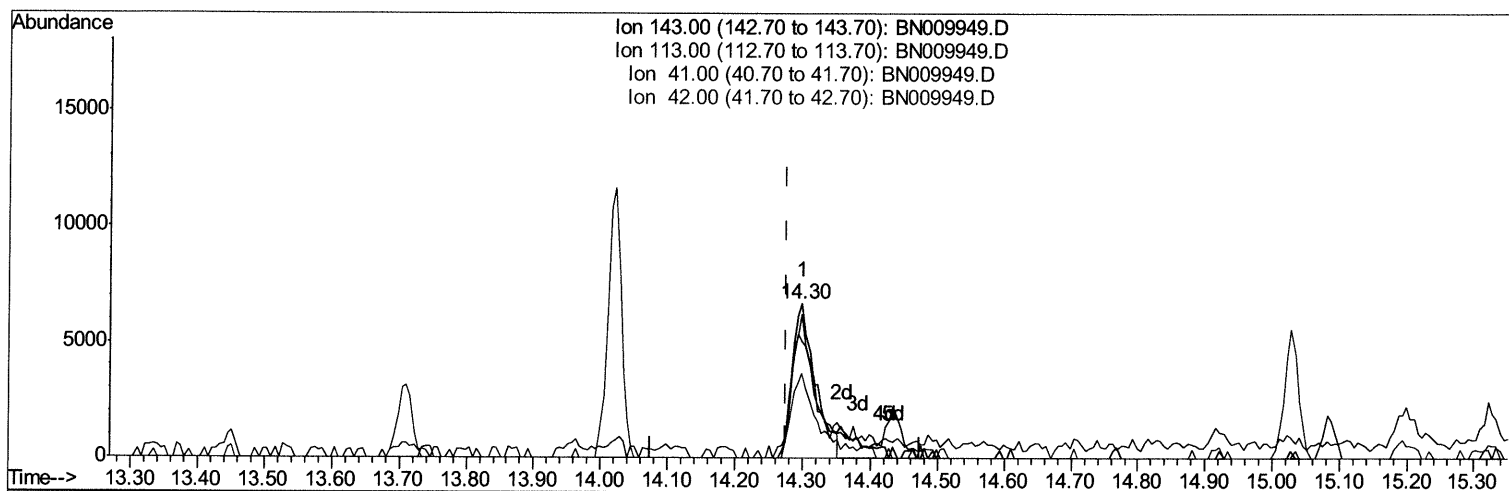
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TIC: BN009949.D

(52) 4-Nitrophenol-d4 (S)
 14.298min (+0.024) 3.91ng/ui
 response 15821

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	93.24
41.00	66.00	75.63
42.00	43.20	55.31#

Quantitation Report (Qedit)

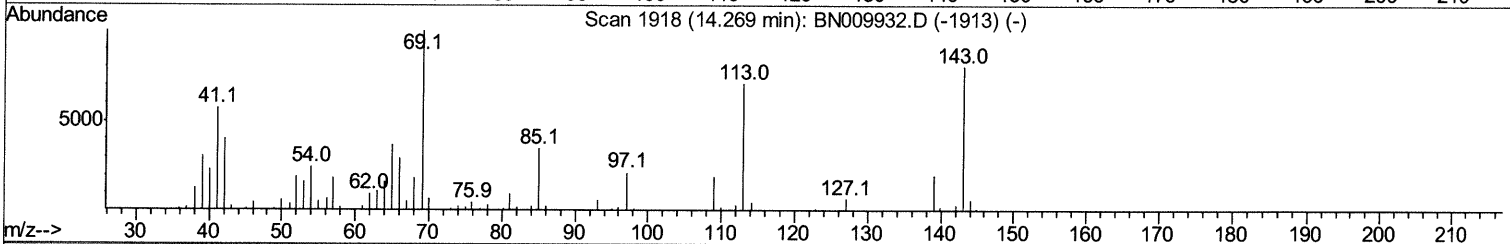
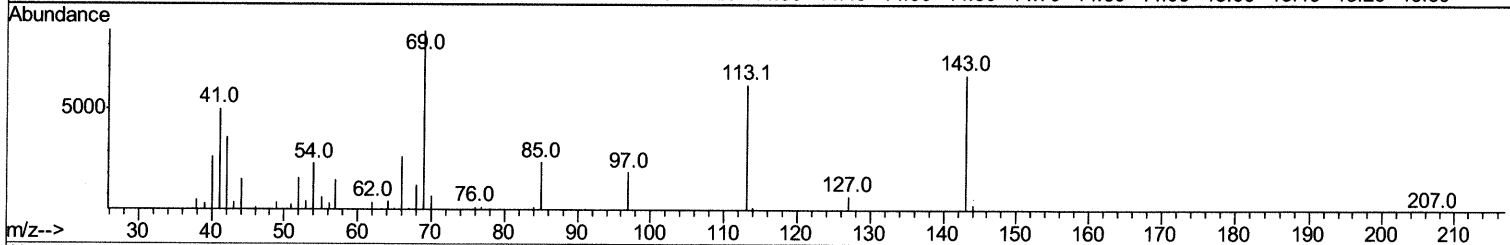
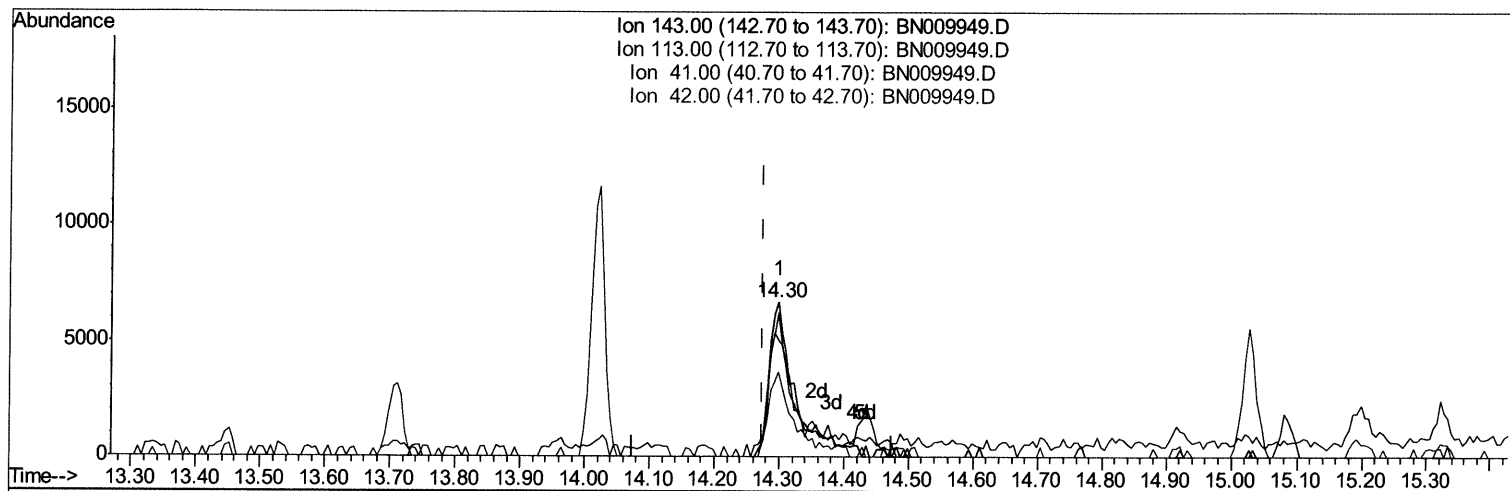
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009949.D
 Acq On : 27 Feb 2020 04:19
 Operator : CG/JU
 Sample : L1612-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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TIC: BN009949.D

(52) 4-Nitrophenol-d4 (S)

14.298min (+0.024) 4.62ng/ul m JU 02/27/20

response 18713

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	93.24
41.00	66.00	75.63
42.00	43.20	55.31#

Quantitation Report (Qedit)

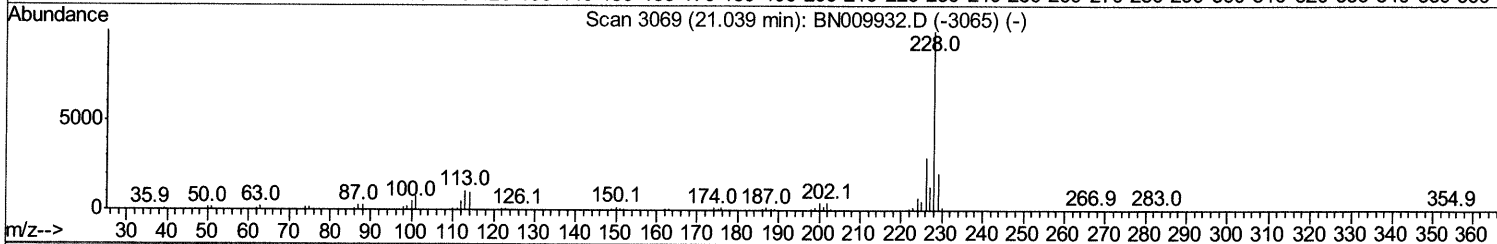
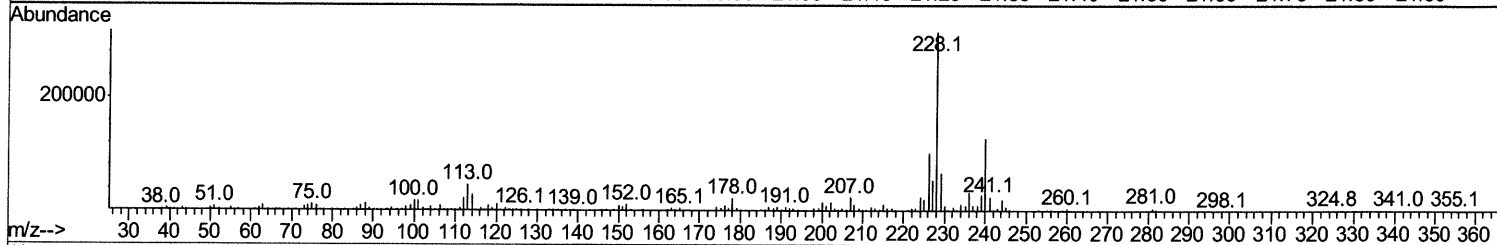
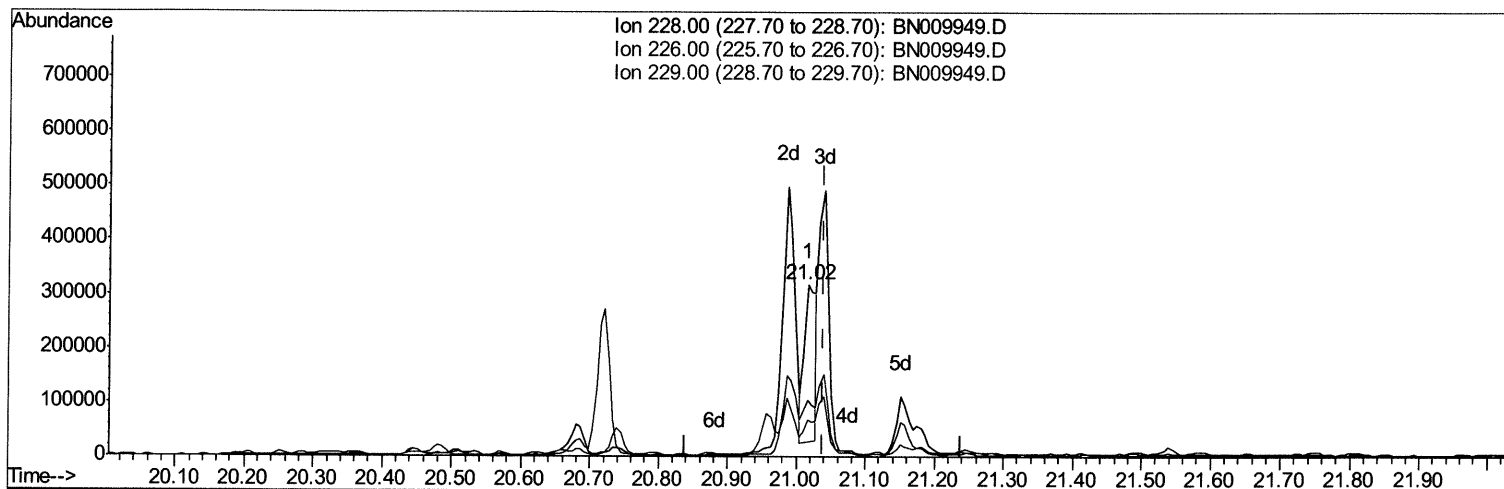
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 Sample : L1612-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BN009949.D

(85) Chrysene

21.016min (-0.023) 8.30ng/ul

response 352412

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	32.58
229.00	18.70	21.16
0.00	0.00	0.00

Quantitation Report (Qedit)

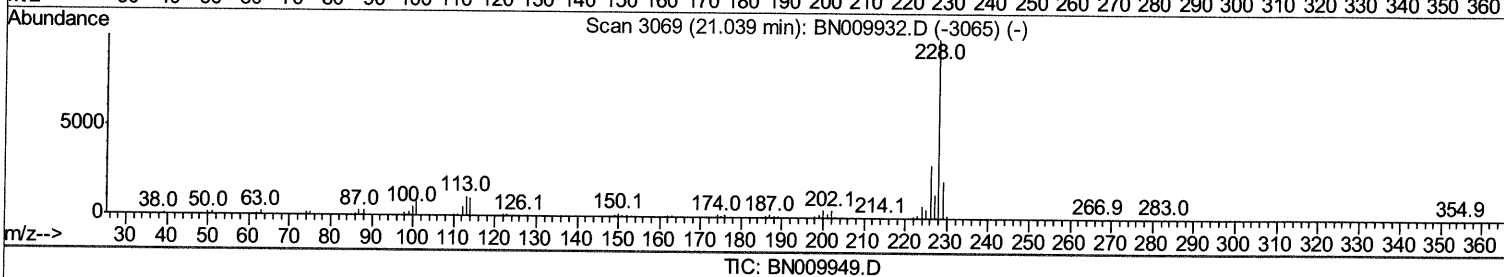
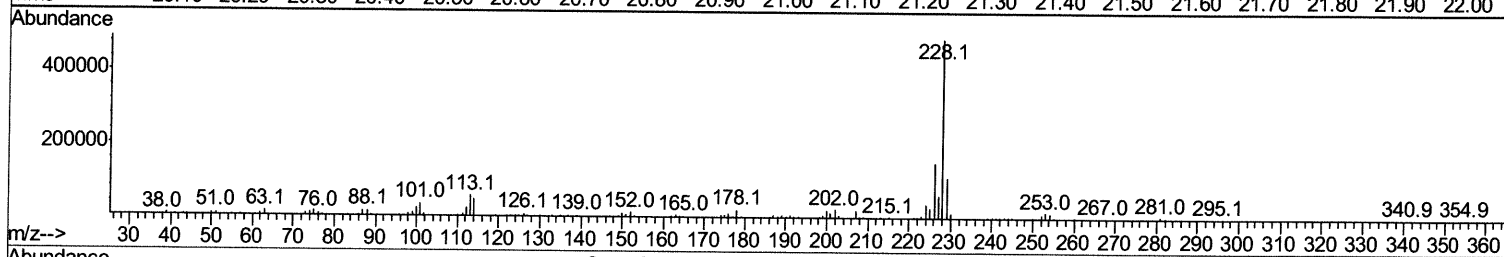
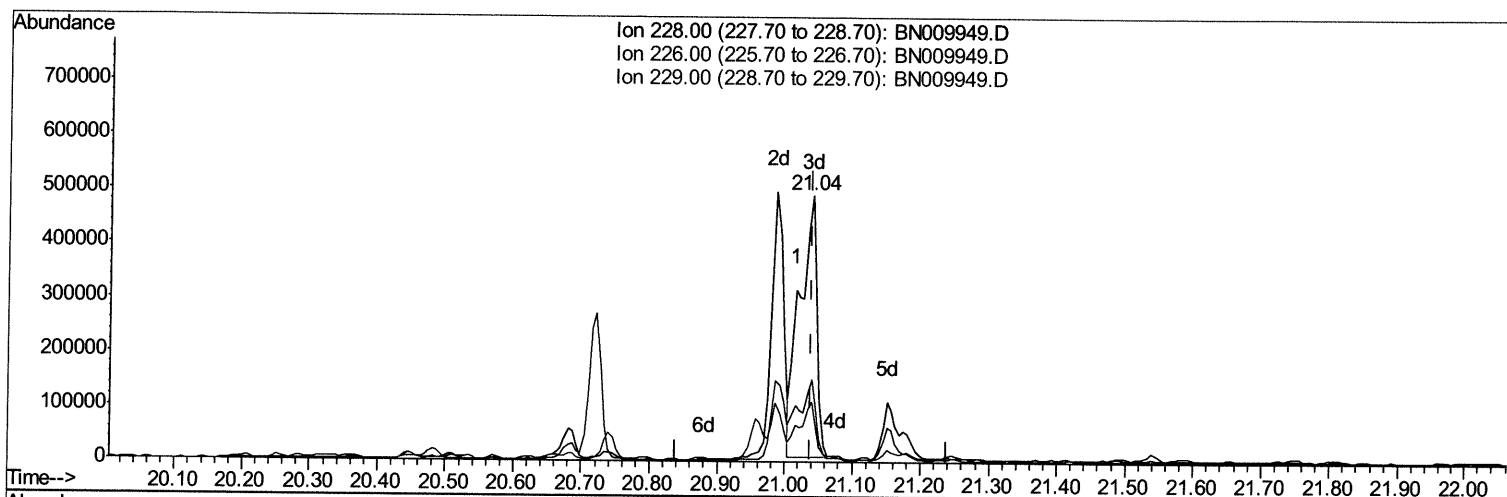
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 Data File : BN009949.D
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 Sample : L1612-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDM1

Manual Integrations
 APPROVED

mohammad
 2/27/2020 4:57:50 PM

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(85) Chrysene

21.039min (+0.000) 19.99ng/ul m 2402/27/20

response 849206

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.64
229.00	18.70	22.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

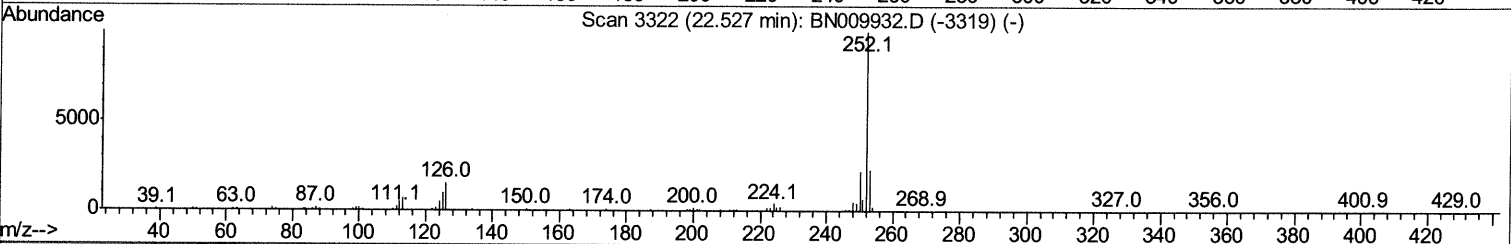
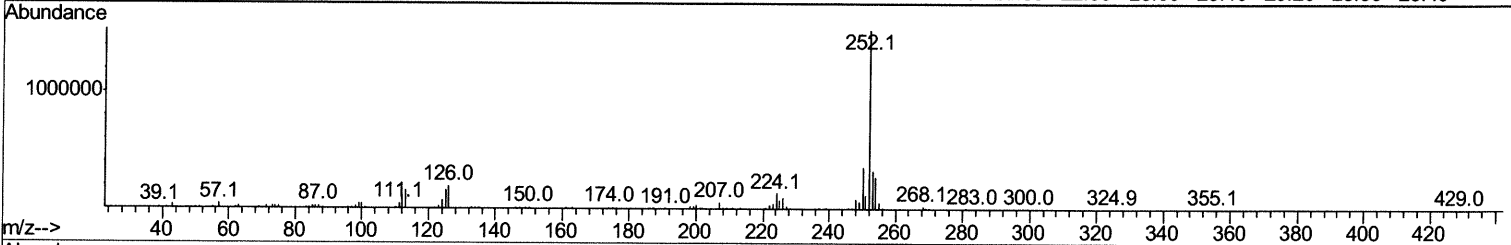
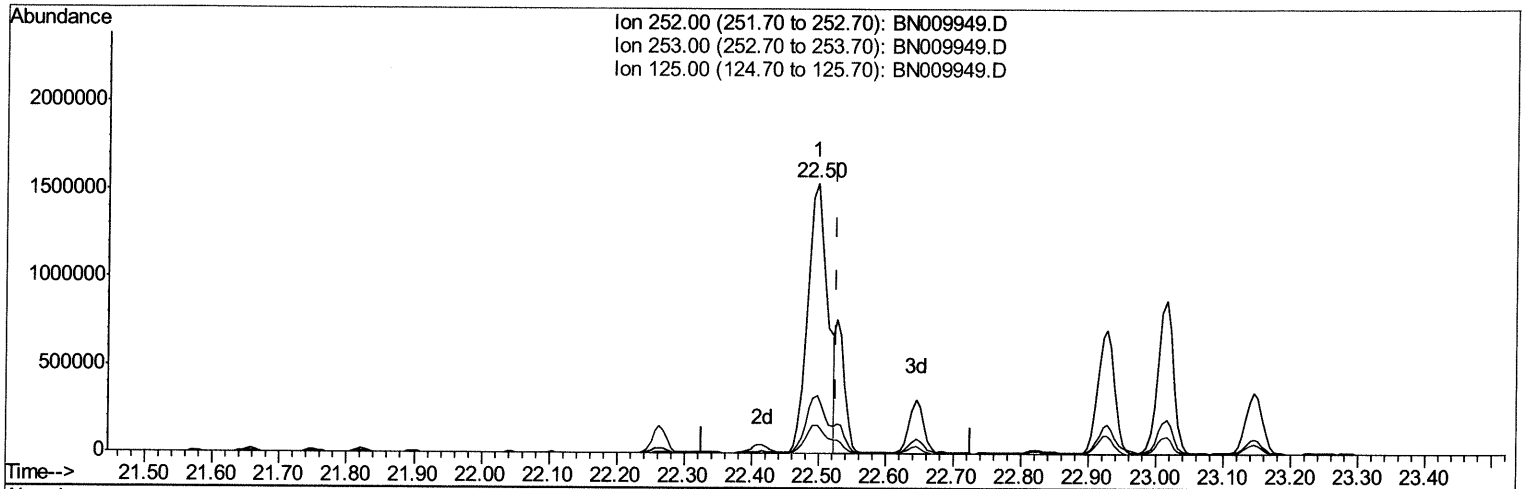
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TIC: BN009949.D

(89) Benzo(k)fluoranthene

22.498min (-0.029) 79.25ng/ul

response 3145732

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.59
125.00	10.20	10.43
0.00	0.00	0.00

Quantitation Report (Qedit)

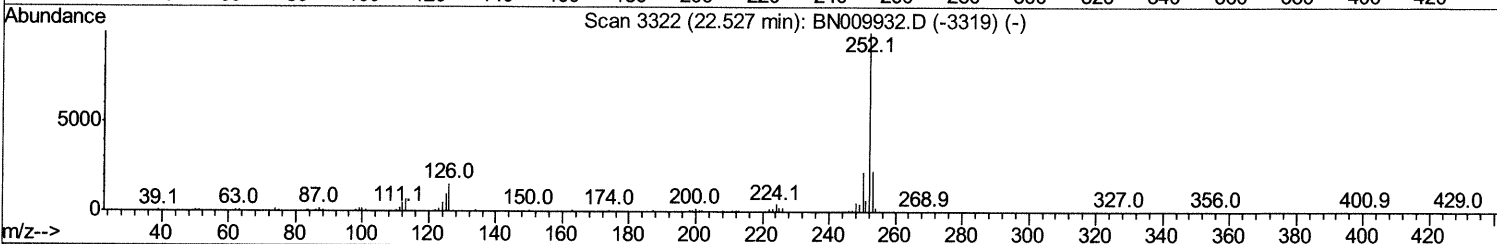
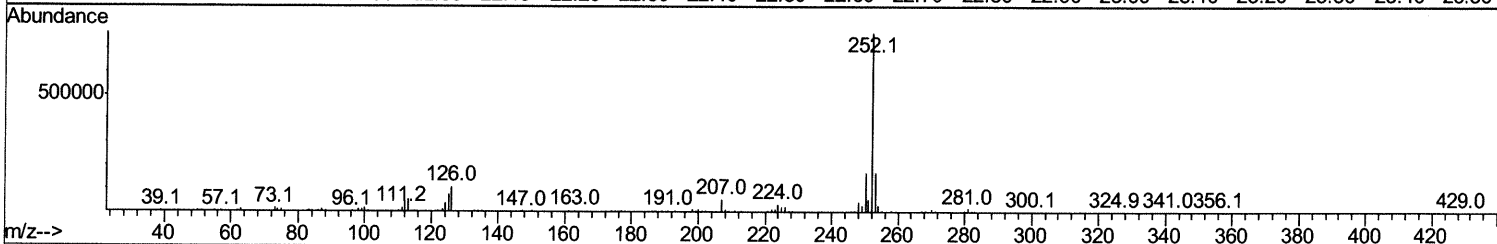
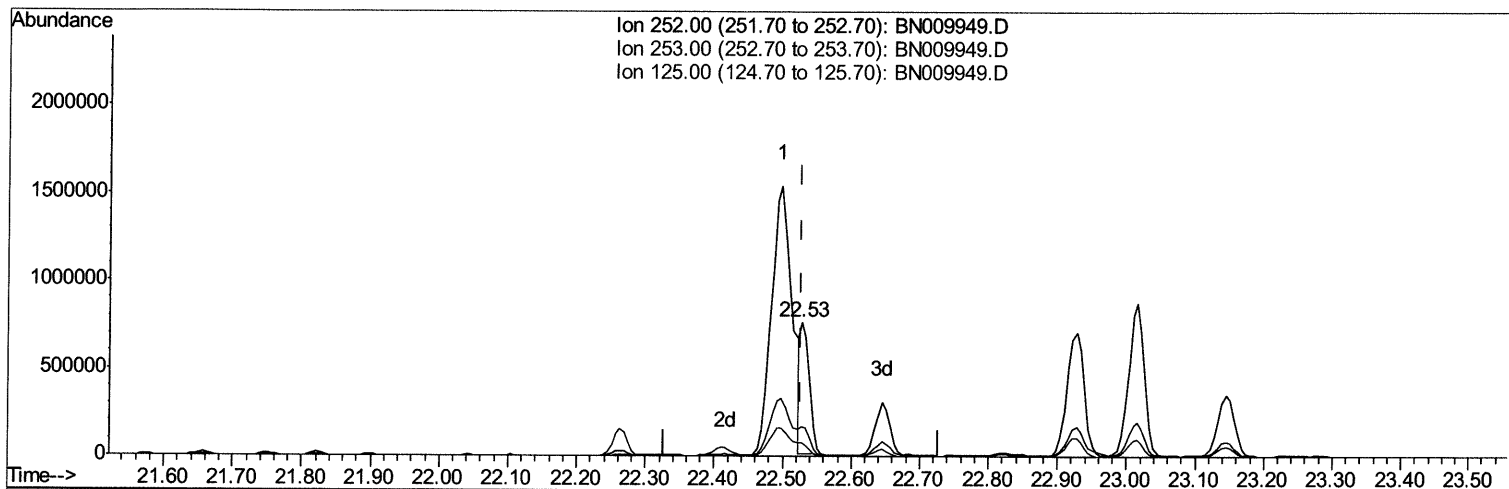
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TIC: BN009949.D

(89) Benzo(k)fluoranthene

22.527min (+0.000) 17.66ng/ul m JU 02/27/20

response 701107

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.22
125.00	10.20	9.85
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	7.38	152	101305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	453378	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	296987	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	637855	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	627950	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	646563	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	3426m >	1.39	ng/uL >	0.00	JU 02/27/20
5) Phenol-d5	6.59	99	61267	7.11	ng/ul	0.00	
7) Bis-(2-Chloroethyl) ether-d	6.75	67	45686	7.68	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.93	132	49873	7.69	ng/ul	0.00	
13) 4-Methylphenol-d8	8.10	113	48640	7.10	ng/ul	0.00	
19) Nitrobenzene-d5	8.53	128	23512	7.09	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.25	143	26040	7.18	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.79	165	50642	7.26	ng/ul	0.02	
29) 4-Chloroaniline-d4	10.30	131	31429	4.01	ng/ul	0.02	
44) Dimethylphthalate-d6	13.45	166	175034	7.89	ng/ul	0.00	
47) Acenaphthylene-d8	13.71	160	198774	7.61	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.30	143	18713m >	4.62	ng/ul >	0.02	JU 02/27/20
58) Fluorene-d10	15.03	176	161356	8.42	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.20	200	19504	4.92	ng/ul	0.01	
71) Anthracene-d10	16.88	188	248709	8.51	ng/ul	0.00	
79) Pyrene-d10	19.19	212	279943	8.53	ng/ul	0.00	
90) Benzo(a)pyrene-d12	22.97	264	280145	8.68	ng/ul	0.00	

Target Compounds

					Ovalue	
14) Acetophenone	8.22	105	12583m >	1.127	ng/ul >	JU 02/27/20
34) 2-Methylnaphthalene	11.81	142	20538	1.210	ng/ul	94
45) Dimethylphthalate	13.50	163	24064	1.040	ng/ul	99
48) Acenaphthylene	13.74	152	117045	4.139	ng/ul	97
54) Dibenzofuran	14.43	168	43783	1.609	ng/ul	90
59) Fluorene	15.09	166	99379	4.352	ng/ul	96
70) Phenanthrene	16.82	178	304392	8.362	ng/ul	99
72) Anthracene	16.92	178	7727870	207.664	ng/ul	99
75) Carbazole	17.19	167	959428	29.277	ng/ul	98
77) Fluoranthene	18.85	202	499583	11.716	ng/ul	99
80) Pyrene	19.22	202	796998	17.605	ng/ul	100
83) Benzo(a)anthracene	20.99	228	634778	14.710	ng/ul	93
85) Chrysene	21.04	228	849206m >	19.989	ng/ul >	JU 02/27/20
88) Benzo(b)fluoranthene	22.50	252	3145732	75.040	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	701107m >	17.663	ng/ul >	JU 02/27/20
91) Benzo(a)pyrene	23.02	252	1393290	36.954	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	1062035	23.725	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.14	278	269612	7.041	ng/ul#	76
94) Benzo(q,h,i)perylene	25.76	276	633807	16.886	ng/ul	98

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