

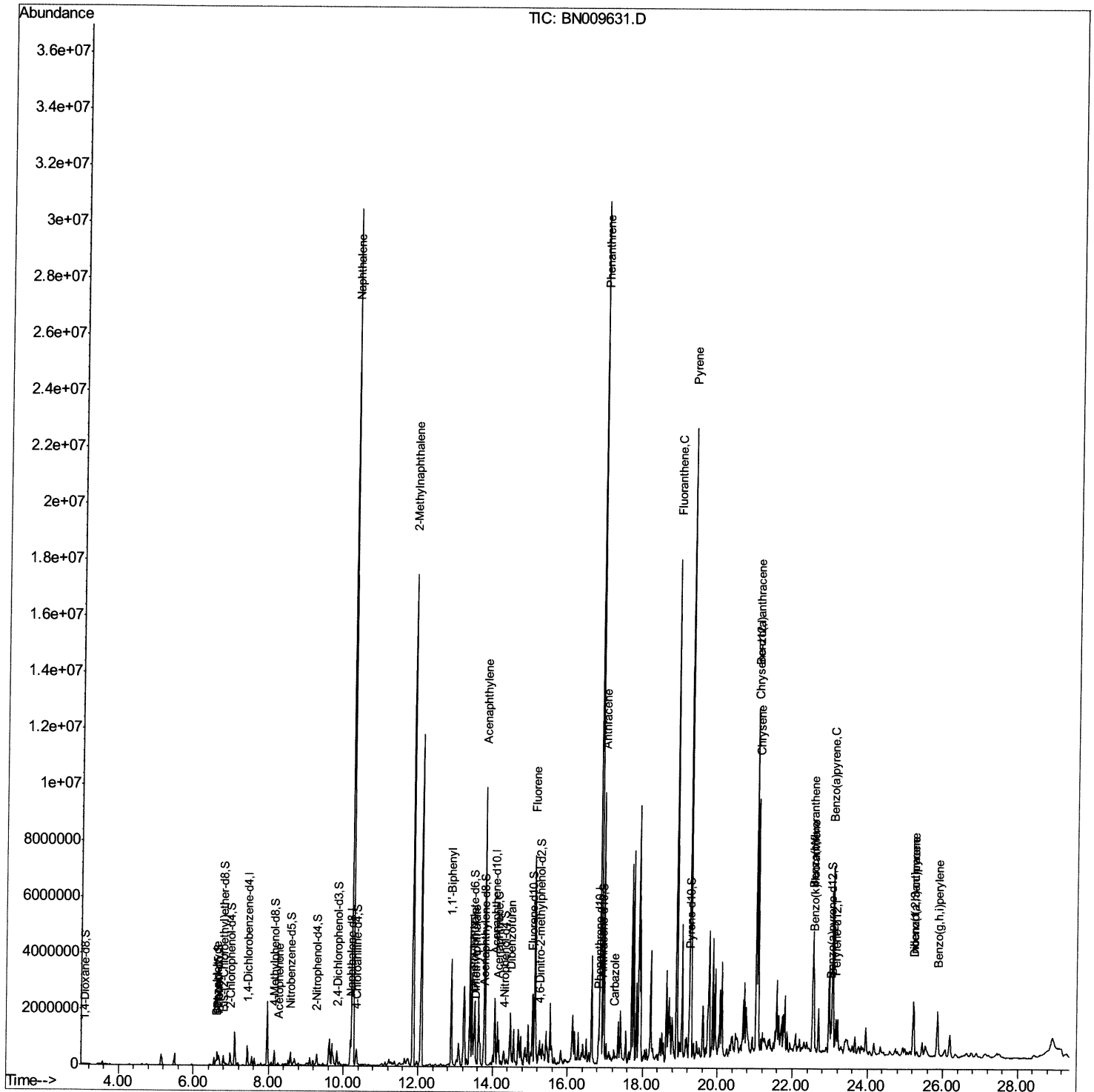
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

Manual Integrations
APPROVED

mohammad
2/10/2020 8:20:14 AM

Quant Time: Feb 07 11:25:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

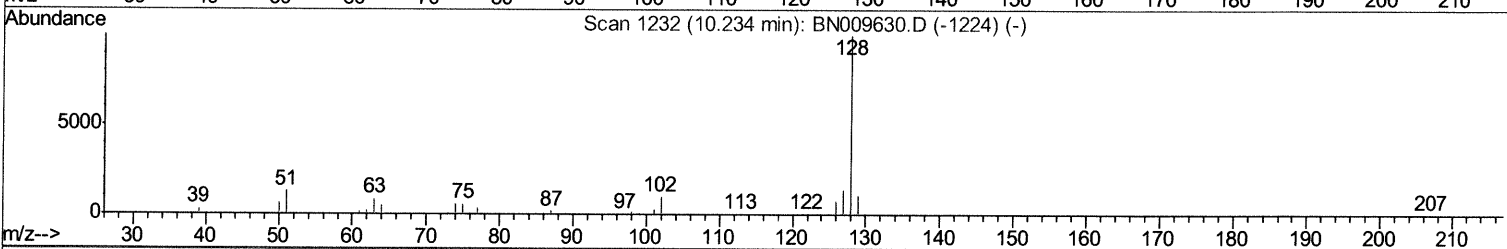
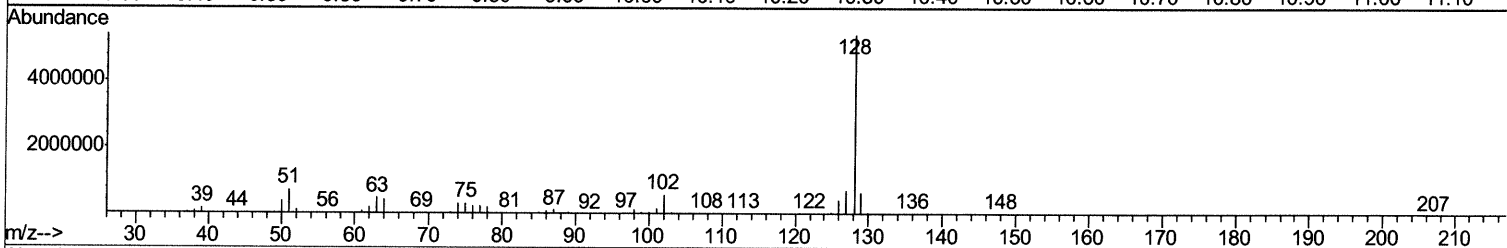
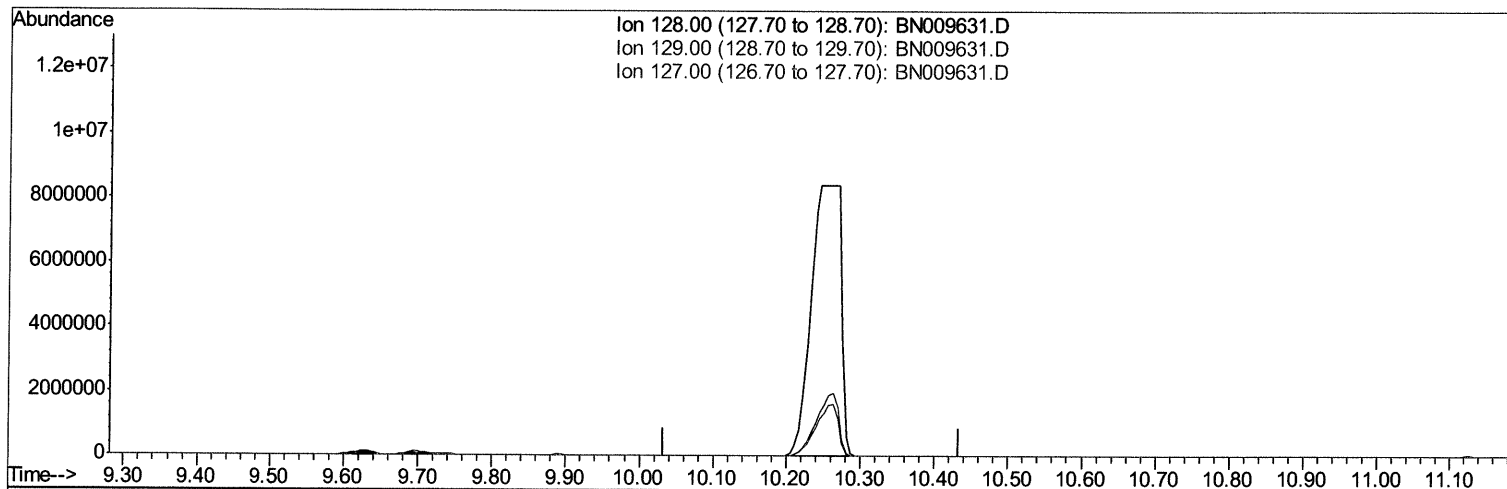
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Manual Integrations
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mohammad
 2/10/2020 8:20:14 AM

Quant Time: Feb 07 11:15:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BN009631.D

(28) Naphthalene

10.234min (-10.234) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.90	0.00#
127.00	13.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

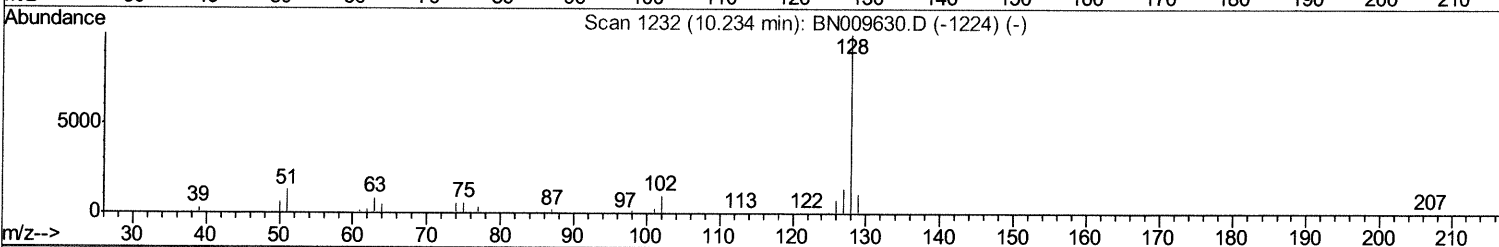
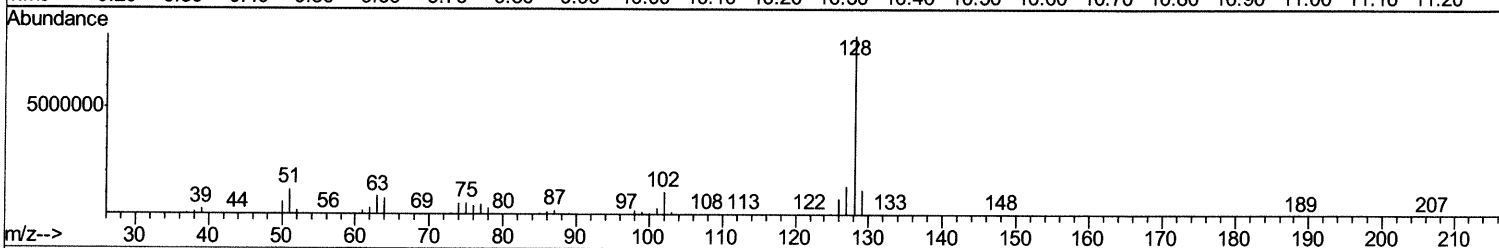
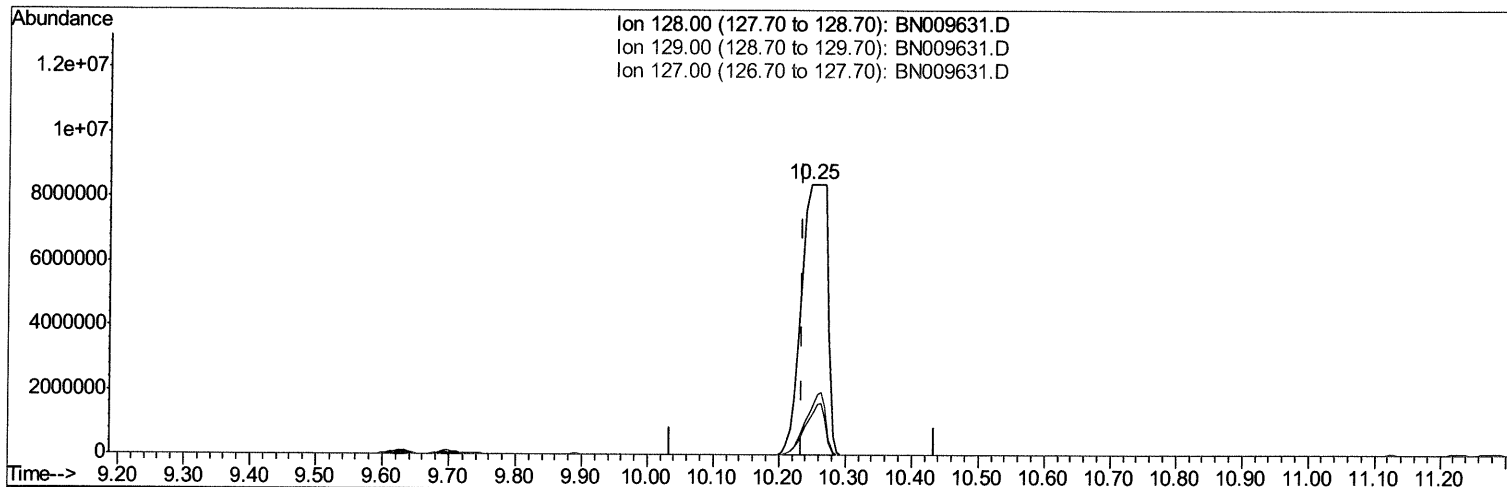
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Manual Integrations
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TIC: BN009631.D

(28) Naphthalene

10.246min (+0.012) 662.36ng/ul m

JU 02/13/20

response 23217814

Ion	Exp%	Act%
128.00	100	100
129.00	10.90	13.85#
127.00	13.40	15.92
0.00	0.00	0.00

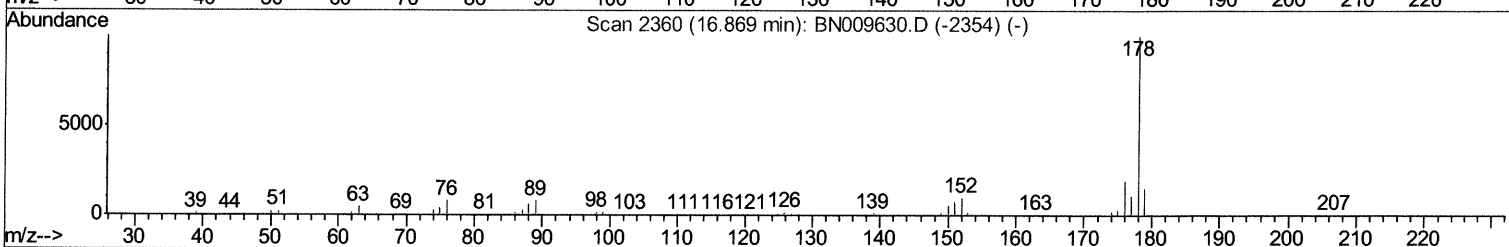
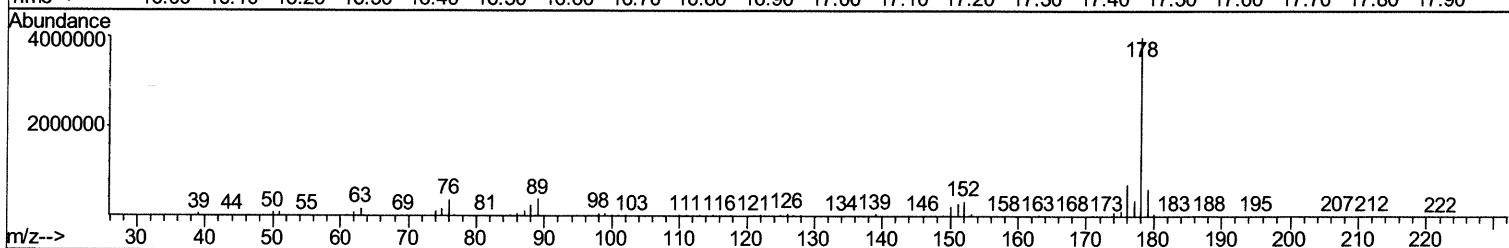
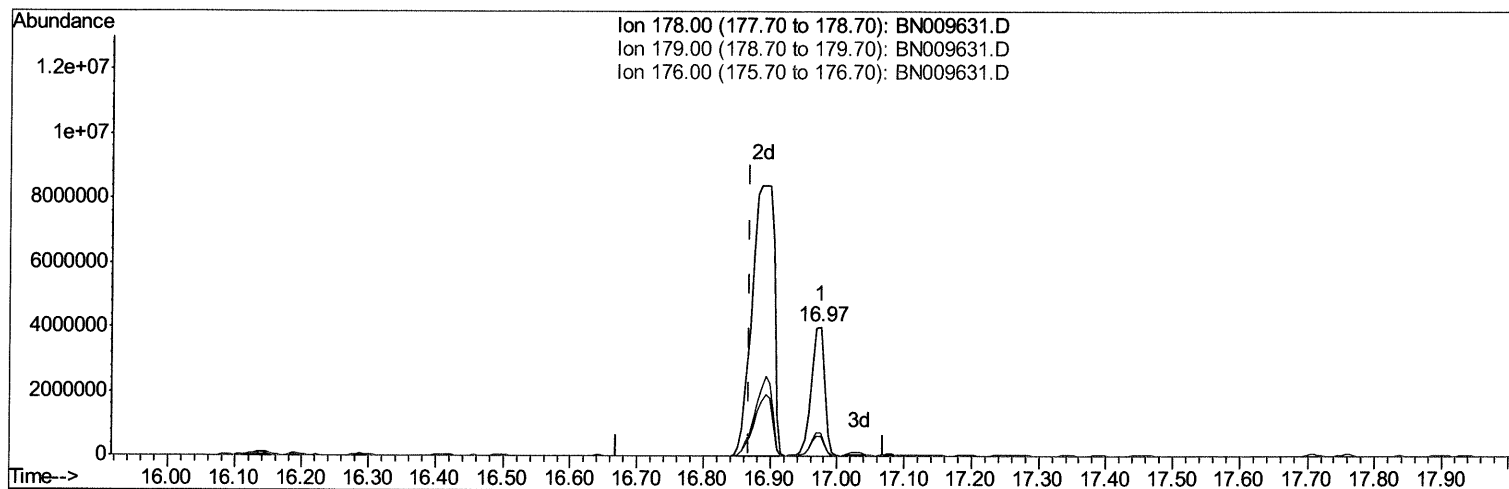
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TIC: BN009631.D

(69) Phenanthrene

16.975min (+0.106) 123.79ng/ul

response 5511726

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.11
176.00	18.50	17.74
0.00	0.00	0.00

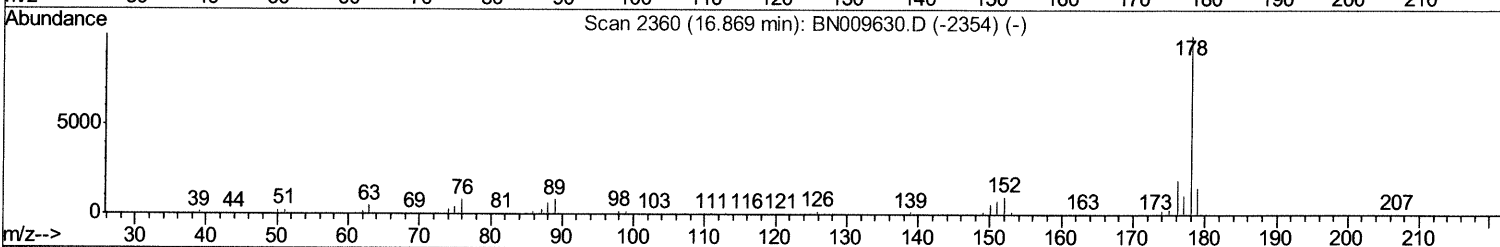
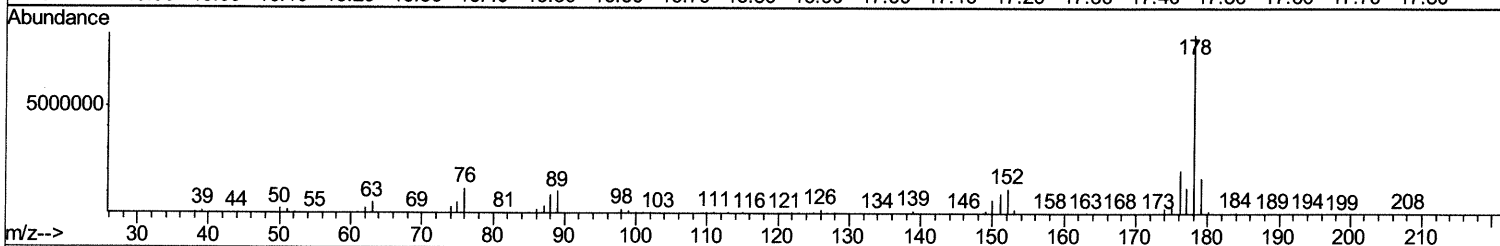
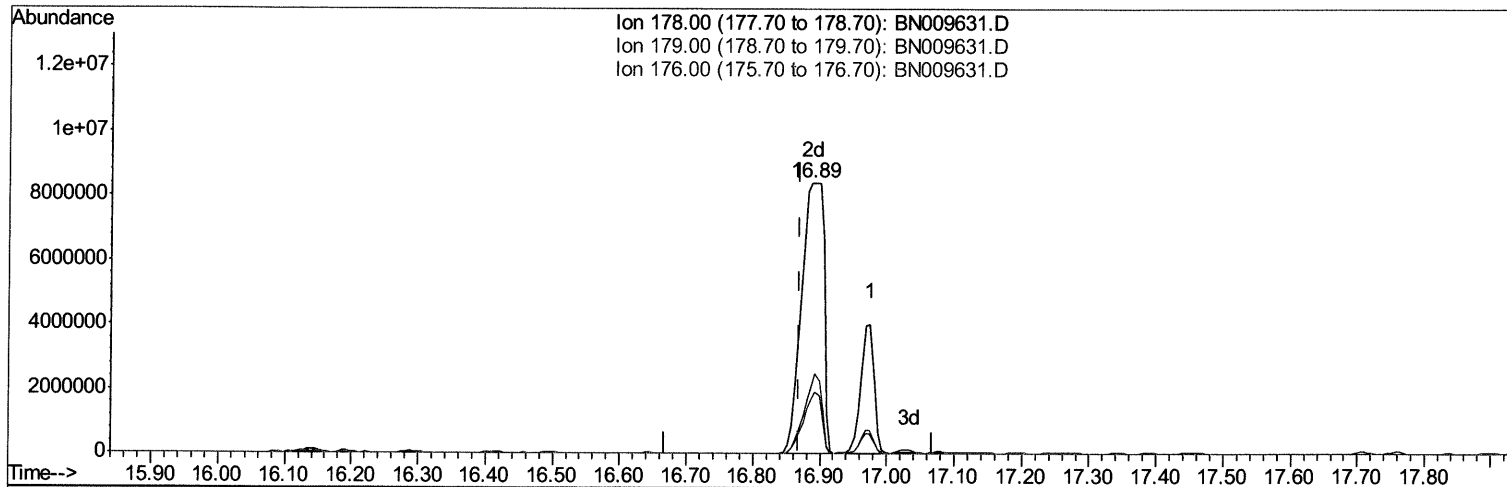
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TIC: BN009631.D

(69) Phenanthrene

16.887min (+0.018) 434.19ng/ul m

Ju 02/13/20

response 19333000

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	20.20#
176.00	18.50	24.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

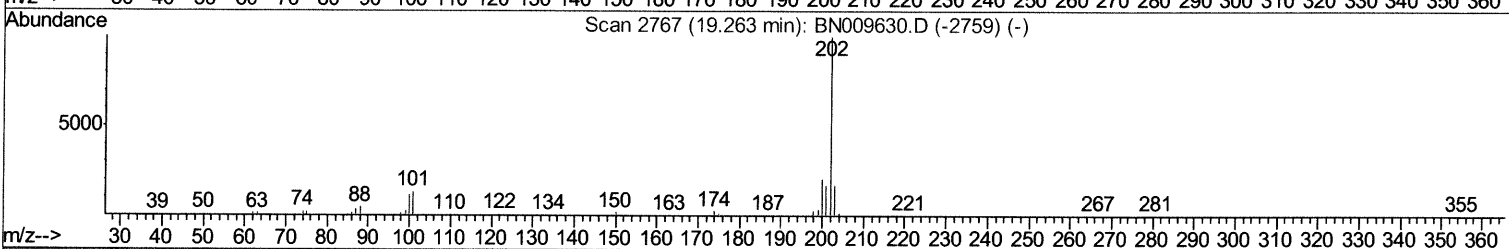
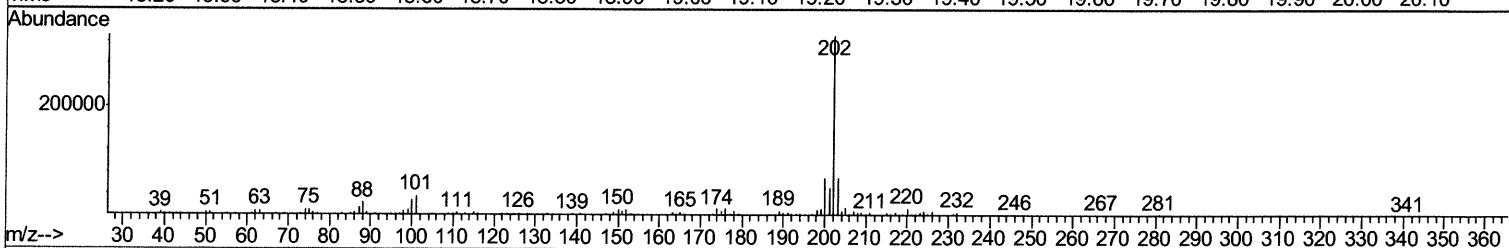
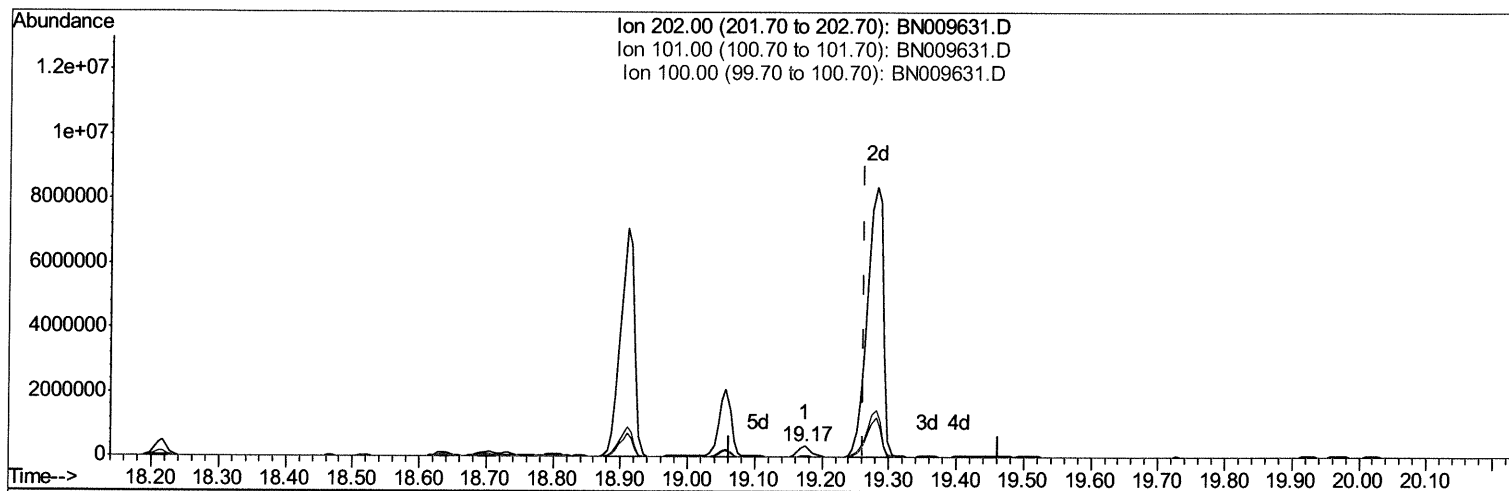
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TIC: BN009631.D

(79) Pyrene

19.175min (-0.088) 8.38ng/ul

response 420032

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	10.68
100.00	10.50	8.44
0.00	0.00	0.00

Quantitation Report (Qedit)

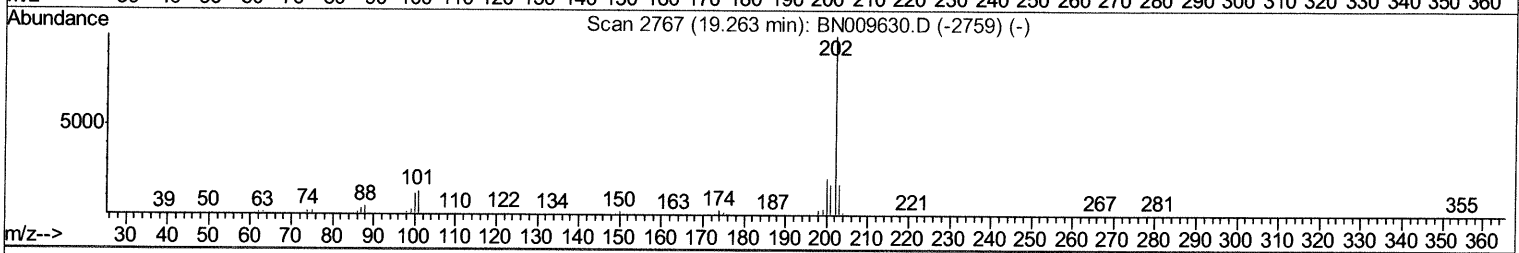
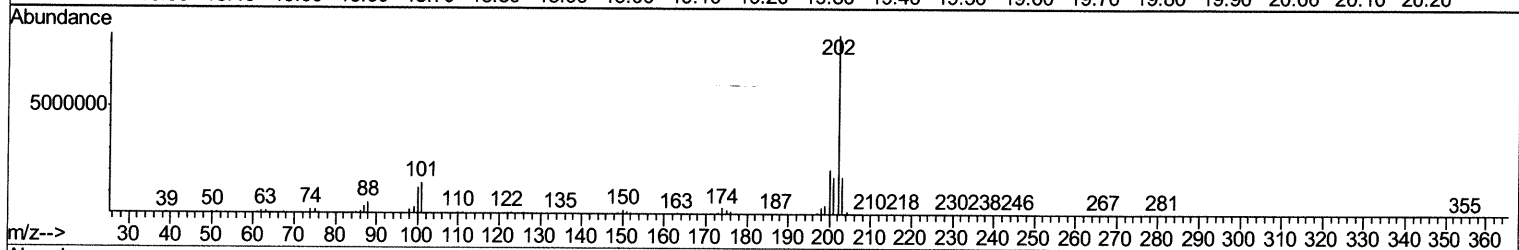
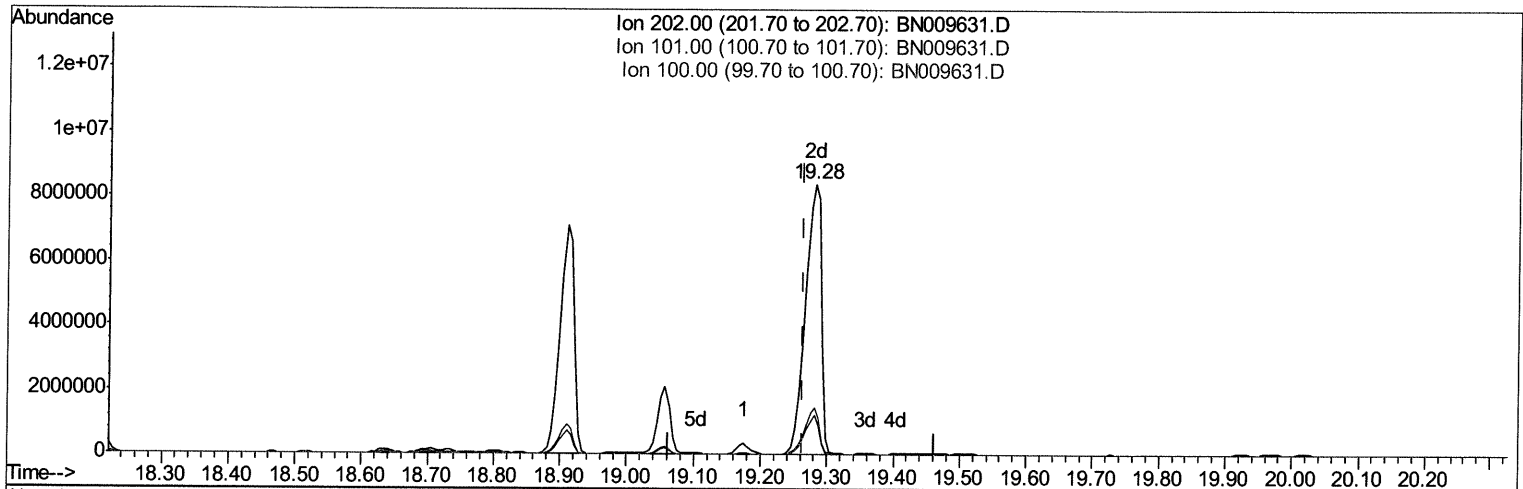
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Manual Integrations
APPROVED

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TIC: BN009631.D

(79) Pyrene

19.280min (+0.018) 281.11ng/ul m JU 02/13/20

response 14094643

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	17.35#
100.00	10.50	14.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

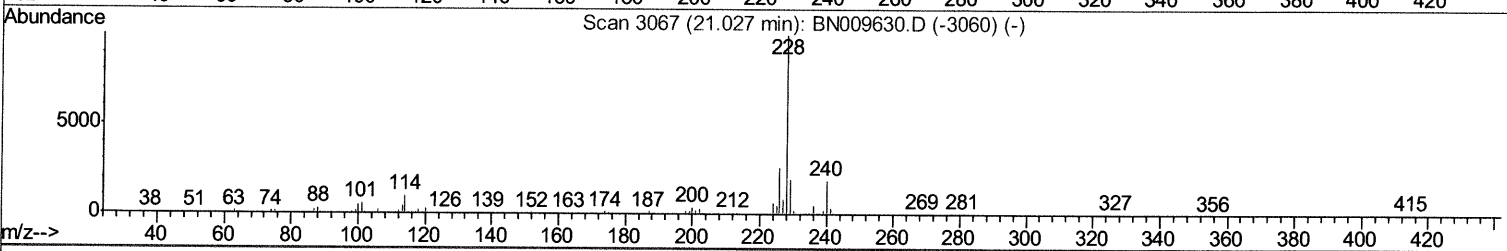
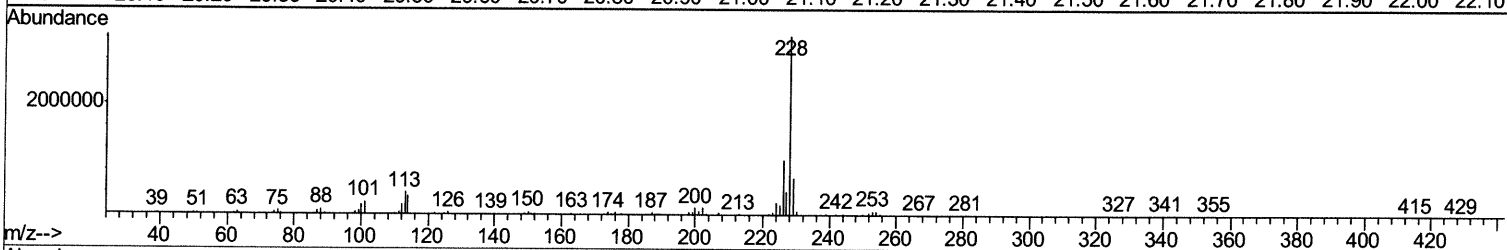
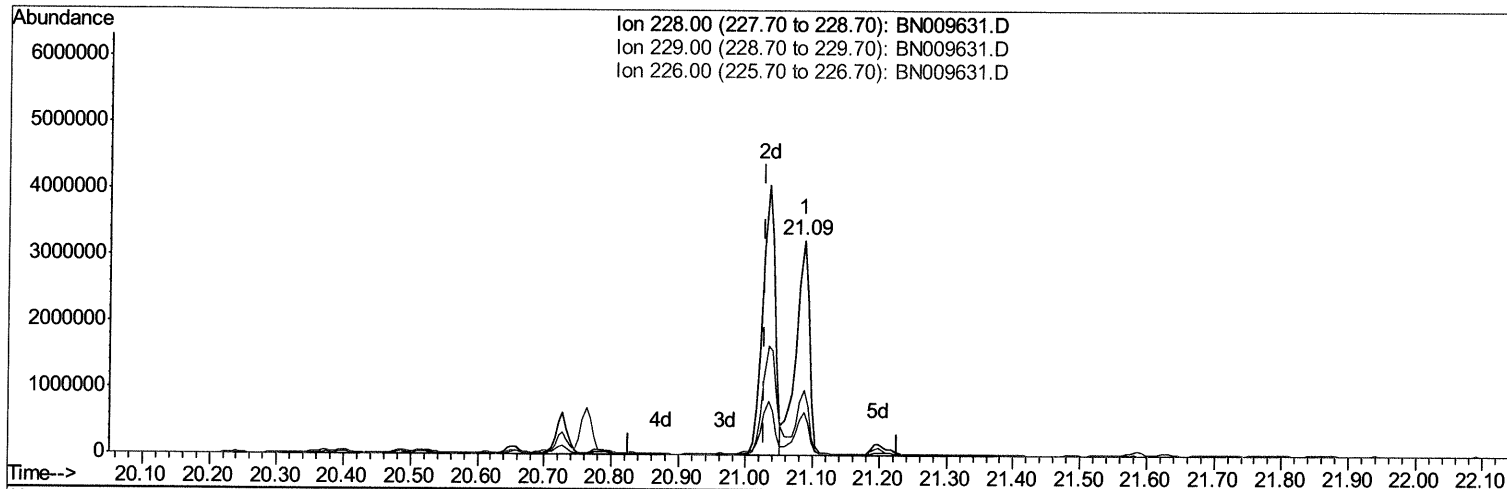
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TIC: BN009631.D

(82) Benzo(a)anthracene

21.086min (+0.059) 94.35ng/ul

response 4474291

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.28
226.00	26.10	30.55
0.00	0.00	0.00

Quantitation Report (Qedit)

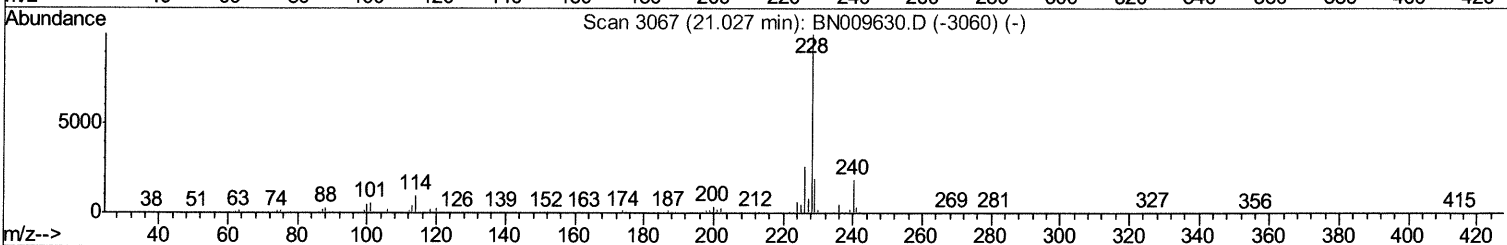
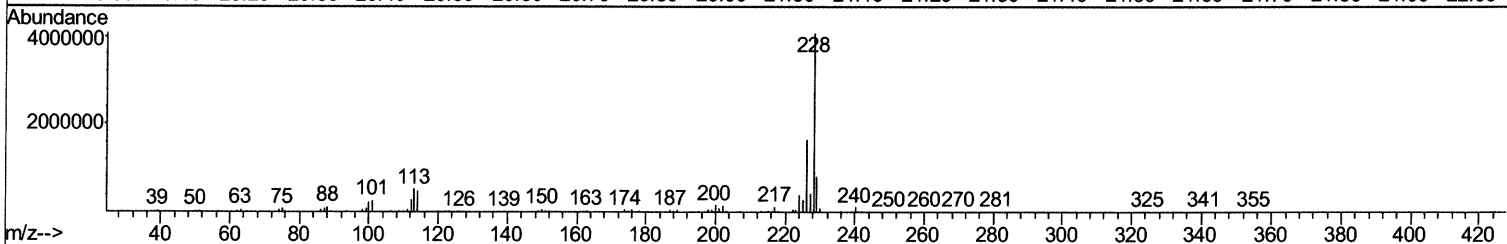
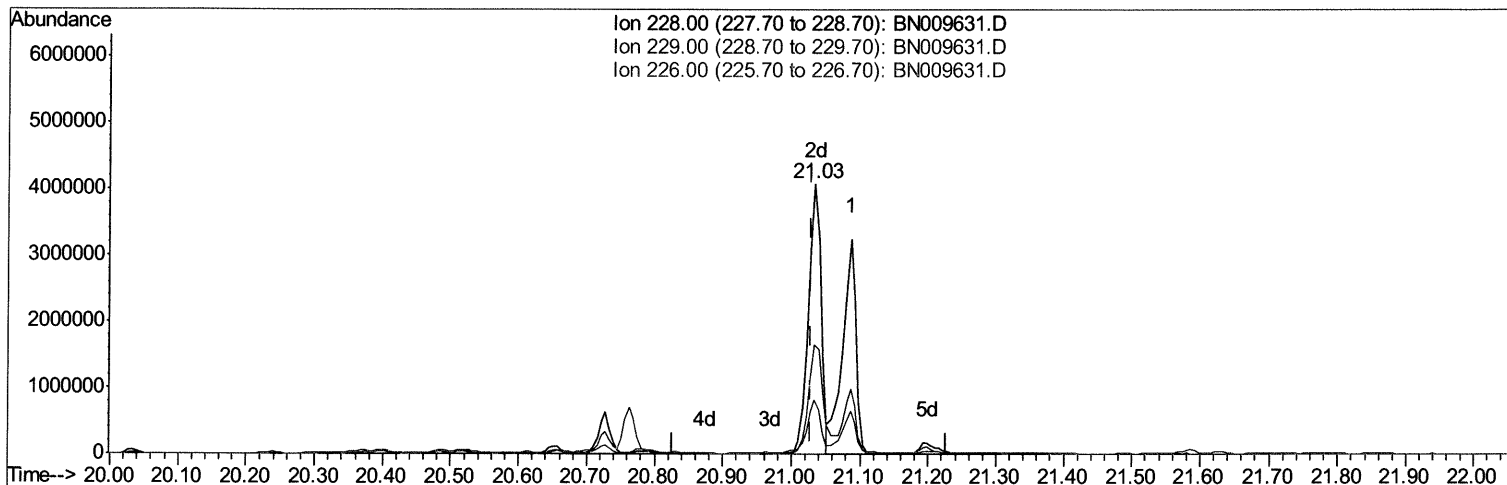
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009631.D
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 Operator : CG/JU
 Sample : L1324-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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TIC: BN009631.D

(82) Benzo(a)anthracene

21.033min (+0.006) 110.59ng/ul m Ju 02/13/20

response 5244279

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	19.96
226.00	26.10	40.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

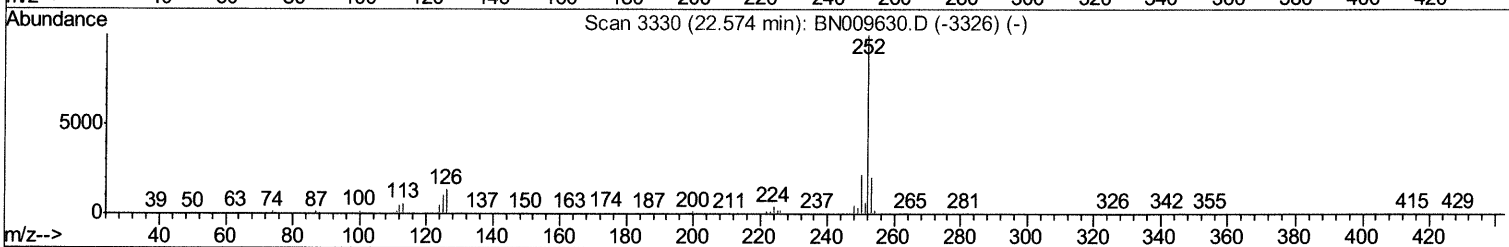
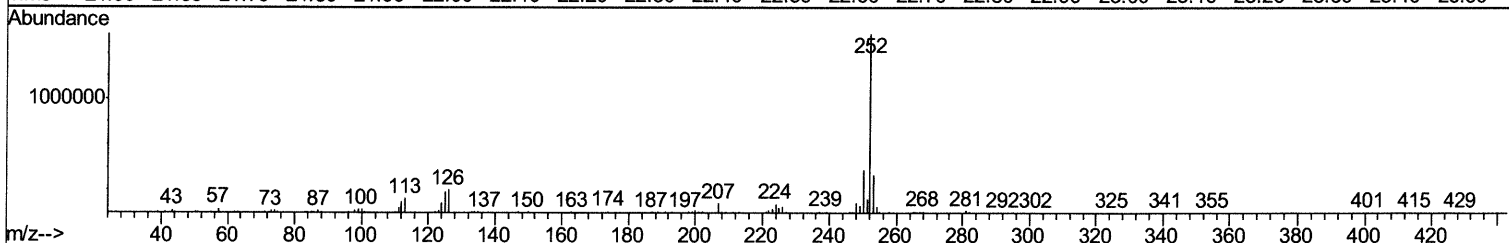
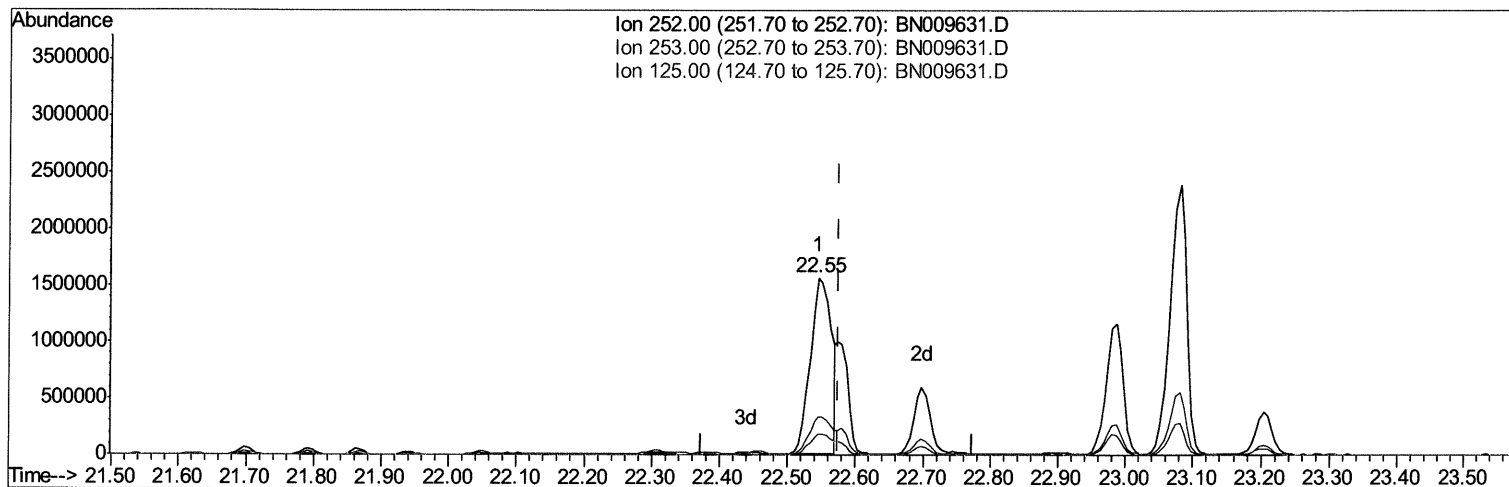
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Manual Integrations
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TIC: BN009631.D

(88) Benzo(k)fluoranthene

22.545min (-0.029) 70.96ng/ul

response 3375588

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	21.28
125.00	10.00	11.72
0.00	0.00	0.00

Quantitation Report (Qedit)

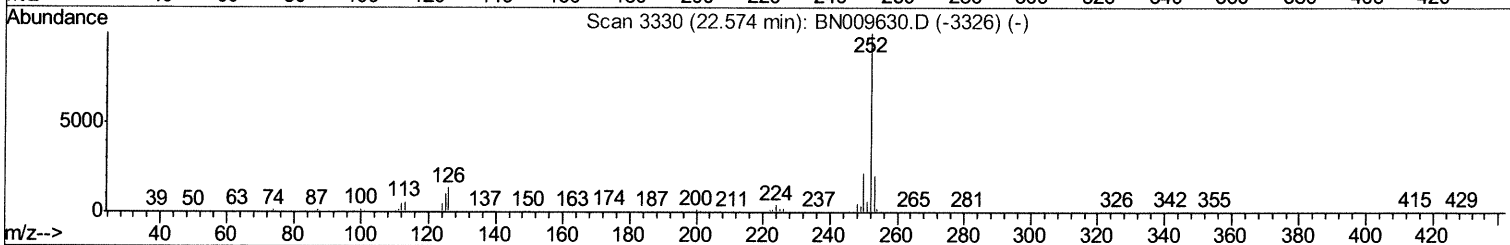
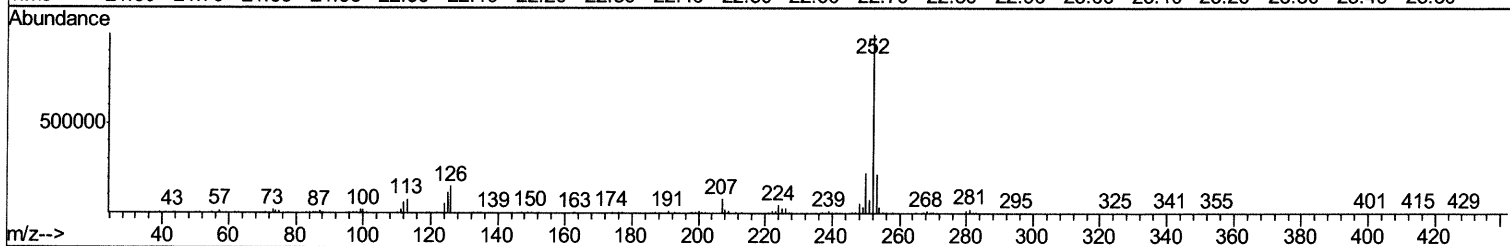
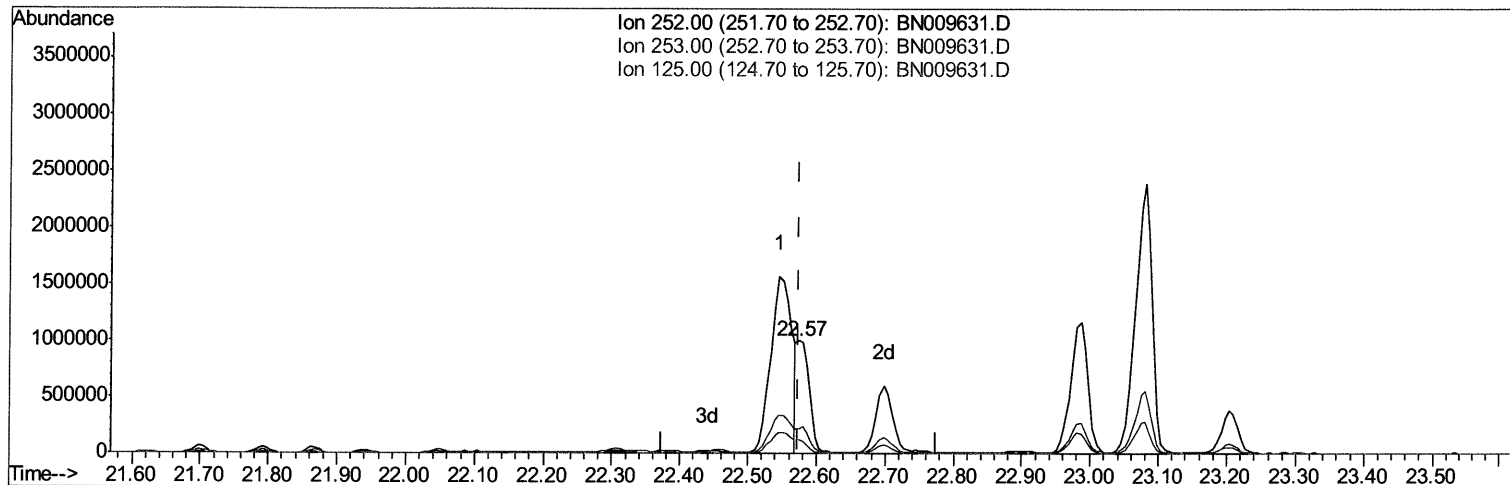
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TIC: BN009631.D

(88) Benzo(k)fluoranthene

22.574min (+0.000) 25.15ng/ul m

JU 02/13/20

response 1196385

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	21.81
125.00	10.00	11.55
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Manual Integrations
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mohammad
 2/10/2020 8:20:14 AM

Quant Time: Feb 07 14:36:05 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	157685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	646392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	409866	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	780769	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	686843	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	772069	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.08	96	10165	2.64	ng/uL	0.00
5) Phenol-d5	6.63	99	215093	15.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	157674	17.07	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	169941	16.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	175426	16.02	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	86995	18.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	97580	18.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	170632	16.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.33	131	140377	12.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	537862	17.98	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	638152	17.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	64525	11.42	ng/ul	0.00
57) Fluorene-d10	15.07	176	472317	17.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	49782	10.21	ng/ul	0.02
70) Anthracene-d10	16.93	188	692000	19.51	ng/ul	0.00
78) Pyrene-d10	19.24	212	754531	20.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	752018	19.78	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.66	94	44938	3.058	ng/ul	97
14) Acetophenone	8.26	105	52509	2.996	ng/ul	97
28) Naphthalene	10.25	128	23217814m	662.358	ng/ul	
34) 2-Methylnaphthalene	11.87	142	8548810	348.494	ng/ul	93
40) 1,1'-Biphenyl	12.89	154	1825387	57.201	ng/ul	99
44) Dimethylphthalate	13.55	163	136567	4.301	ng/ul	99
47) Acenaphthylene	13.79	152	5710740	144.344	ng/ul	99
49) Acenaphthene	14.13	153	556416	20.688	ng/ul	99
53) Dibenzofuran	14.47	168	684896	18.287	ng/ul	95
58) Fluorene	15.13	166	3347974	106.962	ng/ul	99
69) Phenanthrene	16.89	178	19333000m	434.192	ng/ul	
71) Anthracene	16.97	178	5526437	122.323	ng/ul	99
74) Carbazole	17.24	167	201992	5.135	ng/ul	93
76) Fluoranthene	18.91	202	10346335	203.592	ng/ul	96
79) Pyrene	19.28	202	14094643m	281.108	ng/ul	
82) Benzo(a)anthracene	21.03	228	5244279m	110.586	ng/ul	
84) Chrysene	21.09	228	4475188	94.792	ng/ul	98
87) Benzo(b)fluoranthene	22.55	252	3375588	69.881	ng/ul	99
88) Benzo(k)fluoranthene	22.57	252	1196385m	25.149	ng/ul	
90) Benzo(a)pyrene	23.08	252	4084230	91.258	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.23	276	1633662	30.703	ng/ul	96
92) Dibenzo(a,h)anthracene	25.23	278	444855	9.932	ng/ul#	84
93) Benzo(g,h,i)perylene	25.86	276	1609748	36.097	ng/ul	96

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Manual Integrations
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Quant Time: Feb 07 14:36:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 11:12:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed