Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009610.D
Acq On : 06 Feb 2020 15:08
Operator : CG/JU
Sample : L1323-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 06 22:13:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT43

Manual Integrations APPROVED
mohammad
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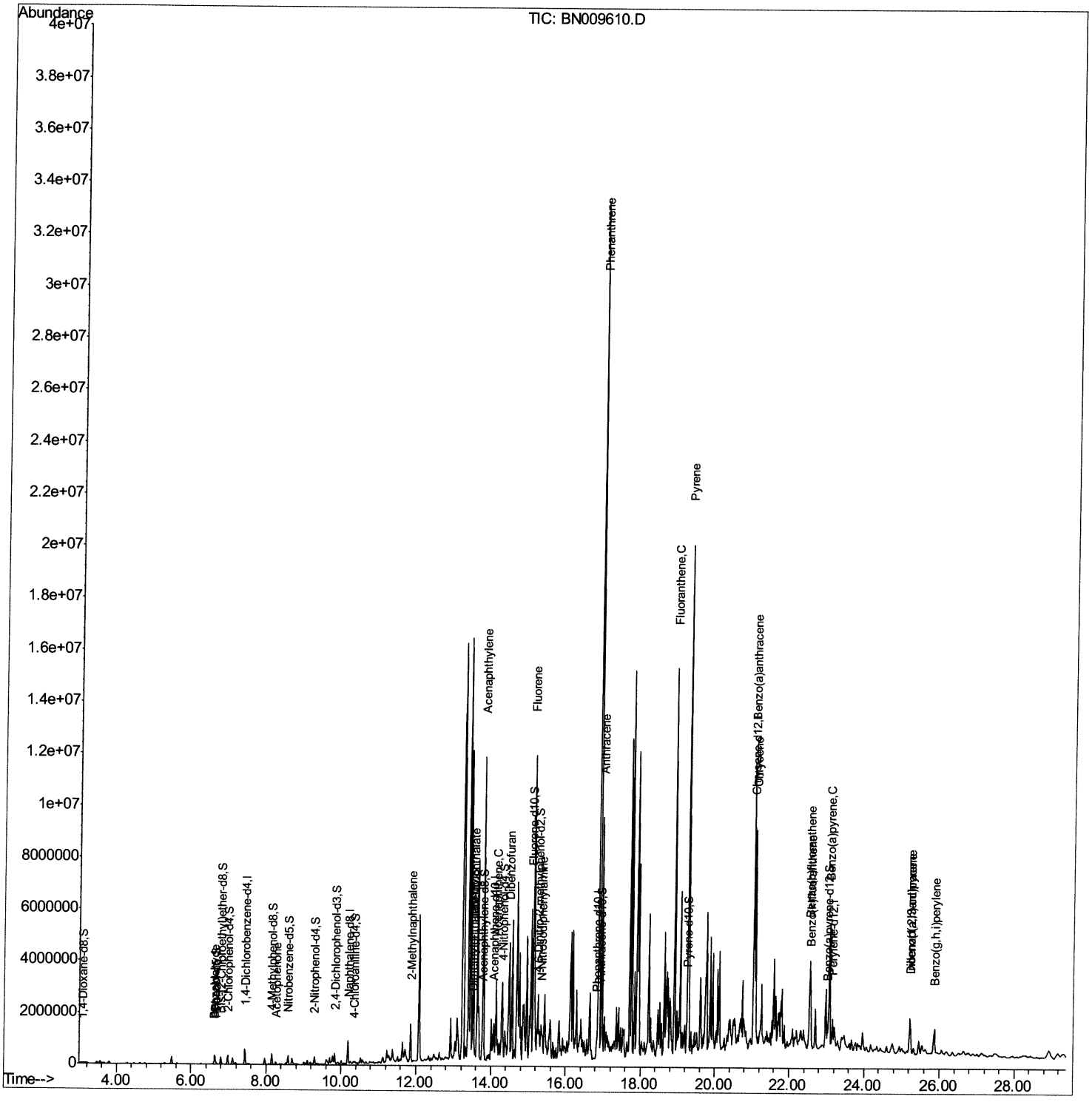

Quantitation Report (Qedit)

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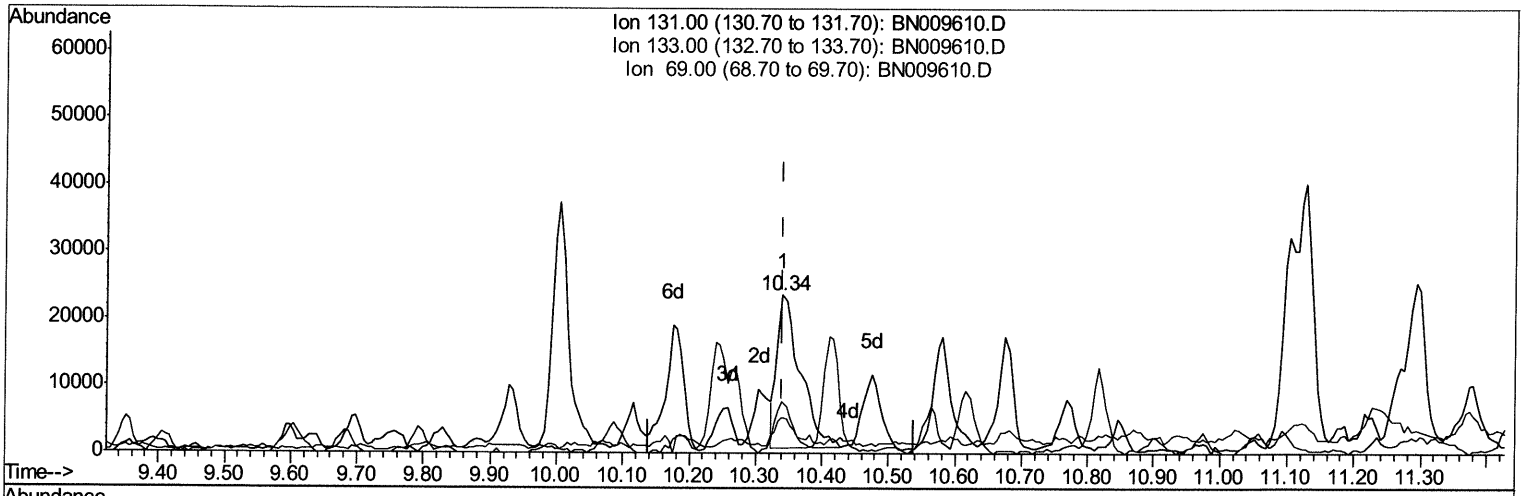

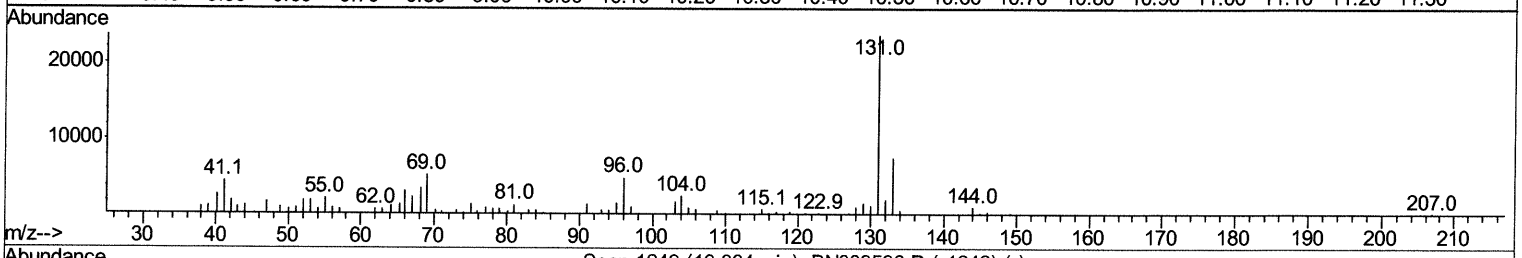

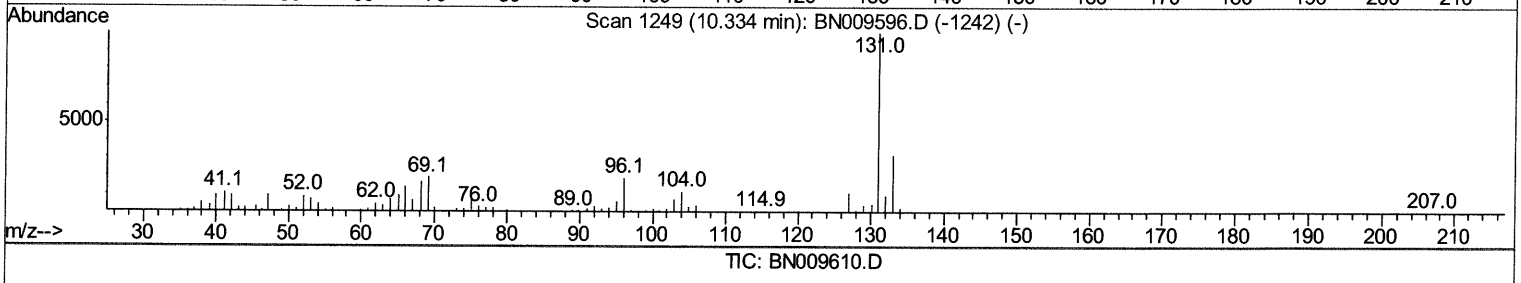

TIC: BN009610.D

(29) 4-Chloroaniline-d4 (S)

10.340min (+0.000) 5.89ng/ul

response 55901

Ion	Exp%	Act%
131.00	100	100
133.00	32.50	32.47
69.00	21.00	22.81
0.00	0.00	0.00

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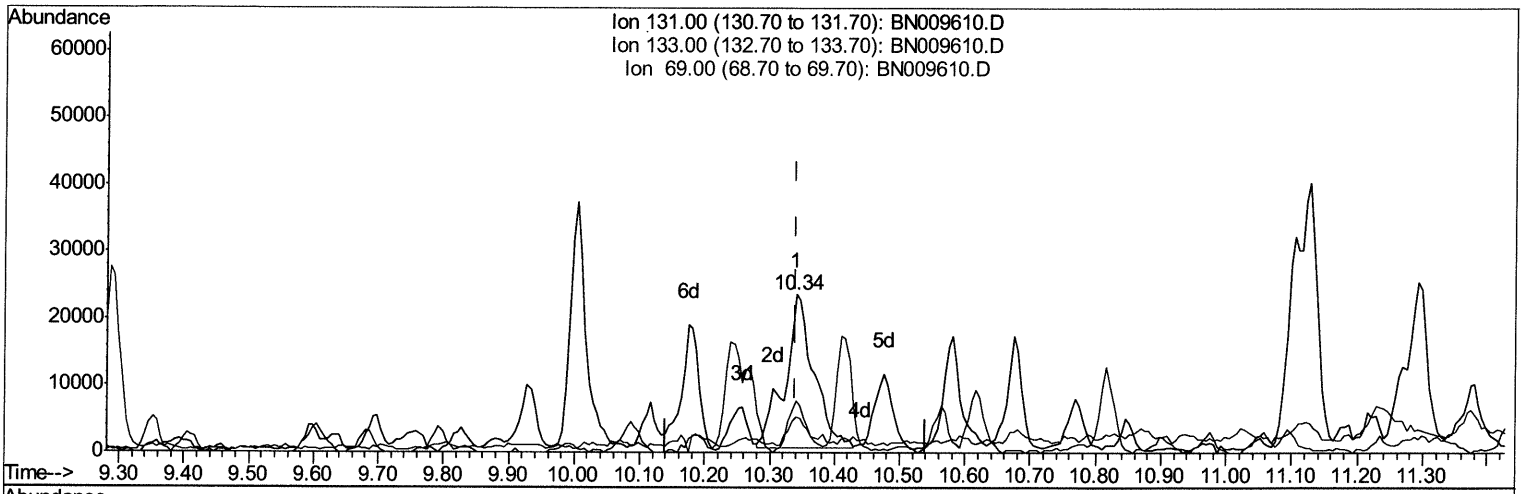

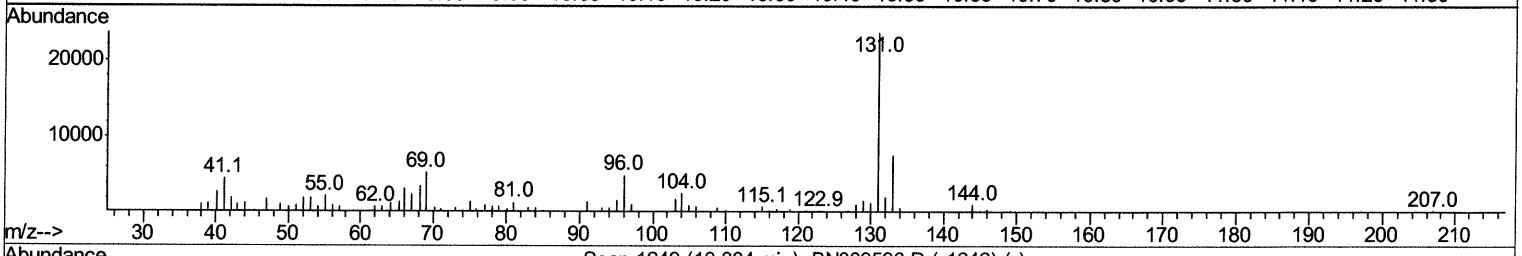

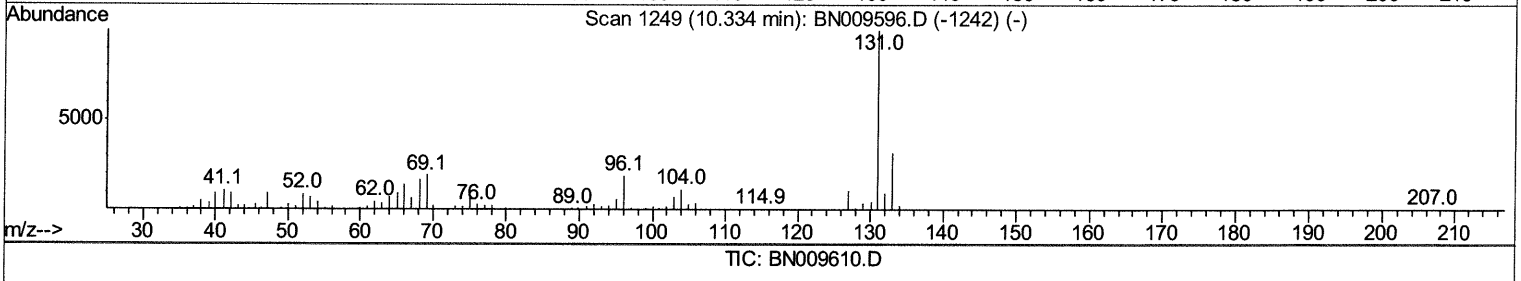

TIC: BN009610.D

(29) 4-Chloroaniline-d4 (S)

10.340min (+0.000) 7.45ng/ul m JU 02/13/20

response 70680

Ion	Exp%	Act%
131.00	100	100
133.00	32.50	32.47
69.00	21.00	22.81
0.00	0.00	0.00

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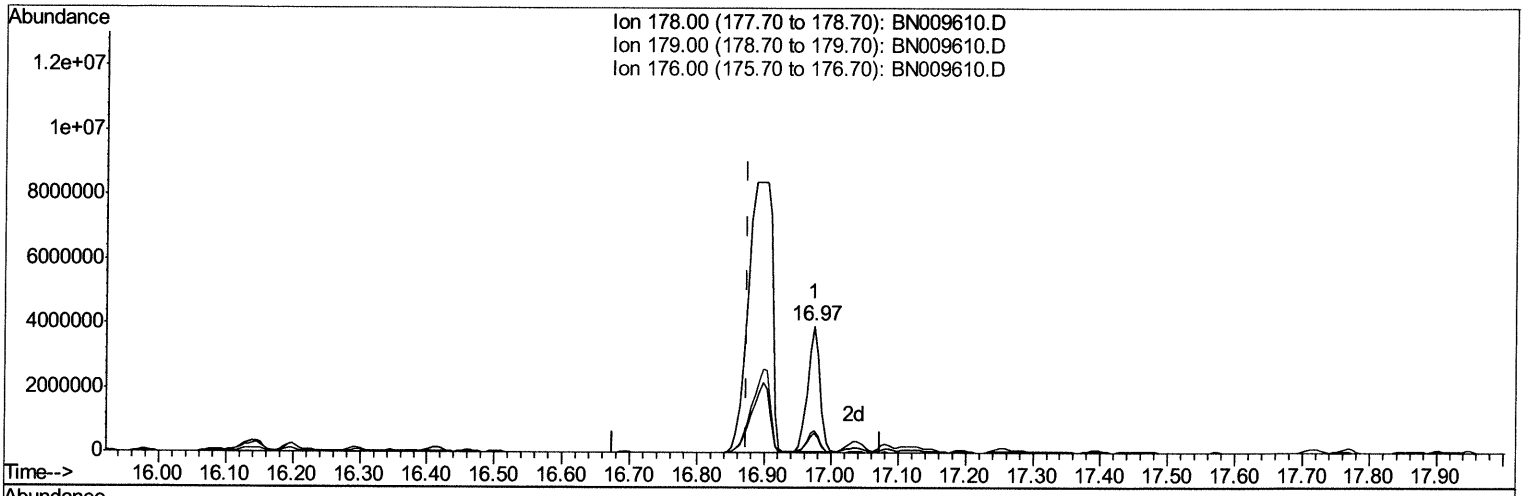

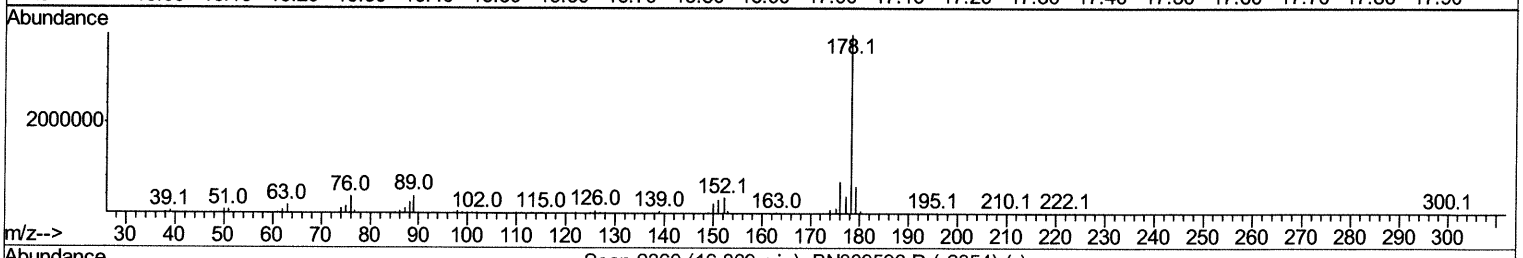

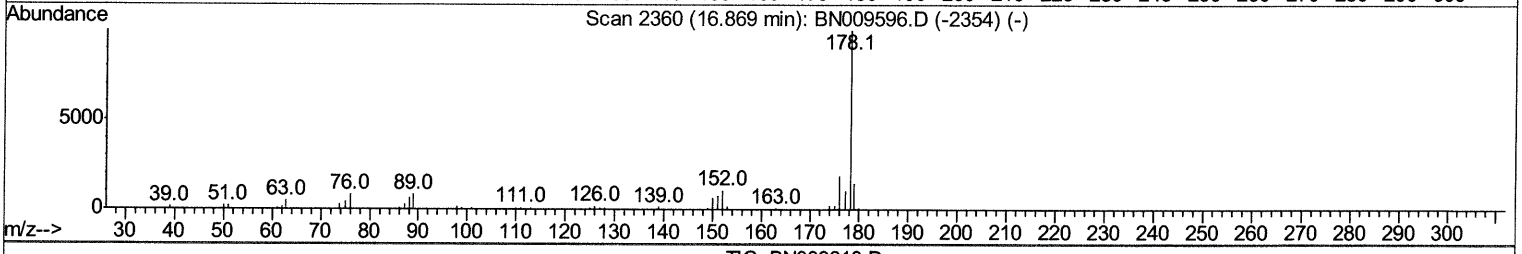

TIC: BN009610.D

(69) Phenanthrene

16.975min (+0.100) 137.23ng/ul

response 5055442

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.39
176.00	18.50	17.78
0.00	0.00	0.00

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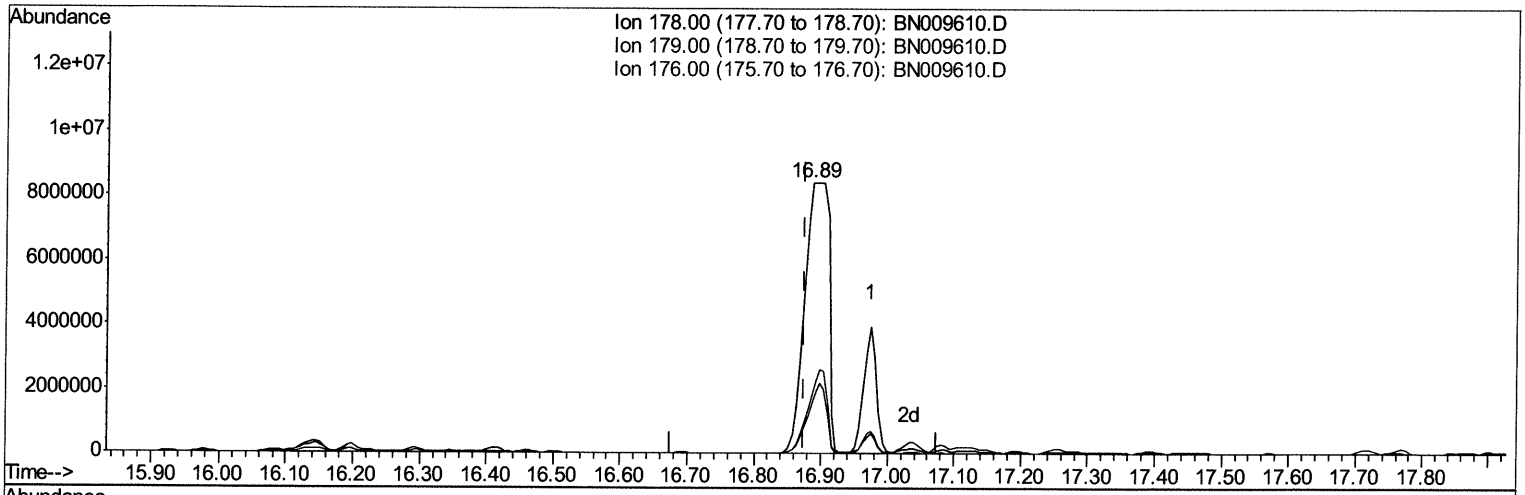

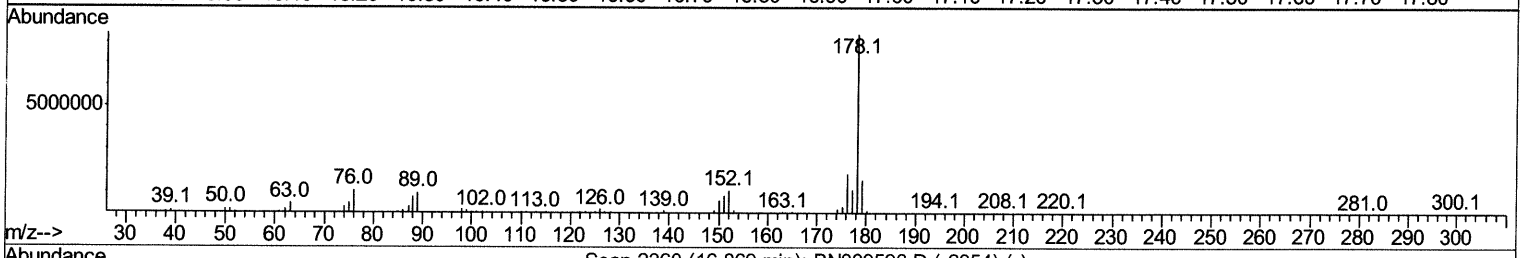

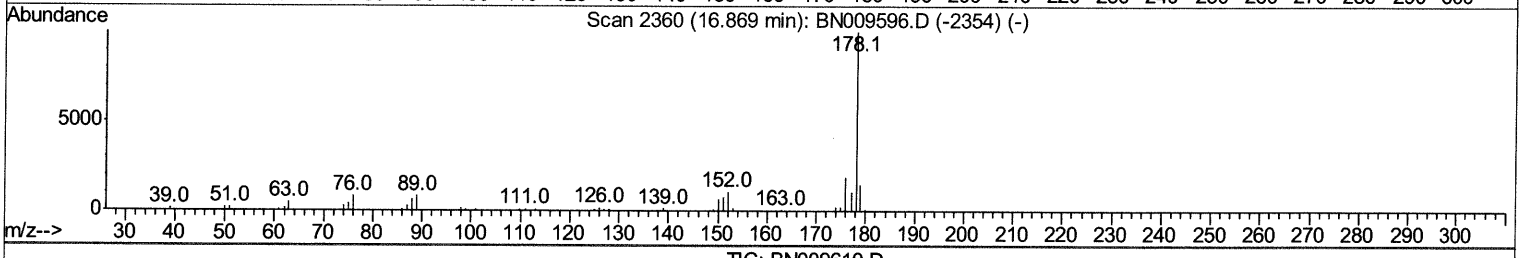

TIC: BN009610.D

(69) Phenanthrene

16.886min (+0.012) 569.58ng/ul m JU 02/13/20

response 20982427

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	18.62#
176.00	18.50	21.66
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : L1323-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

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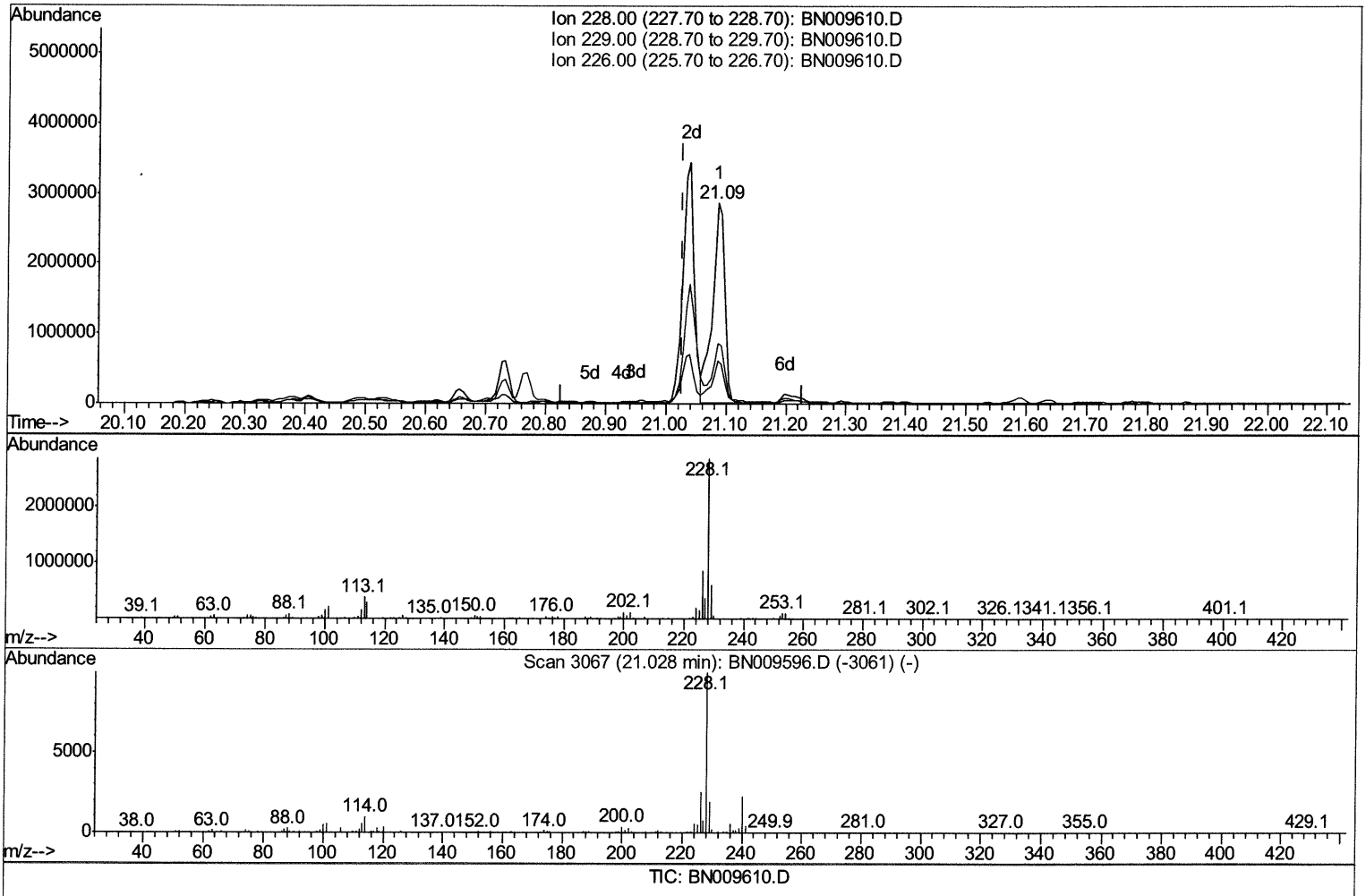

TIC: BN009610.D

(82) Benzo(a)anthracene

21.086min (+0.059) 98.49ng/ul

response 4005492

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	21.54
226.00	26.10	30.15
0.00	0.00	0.00

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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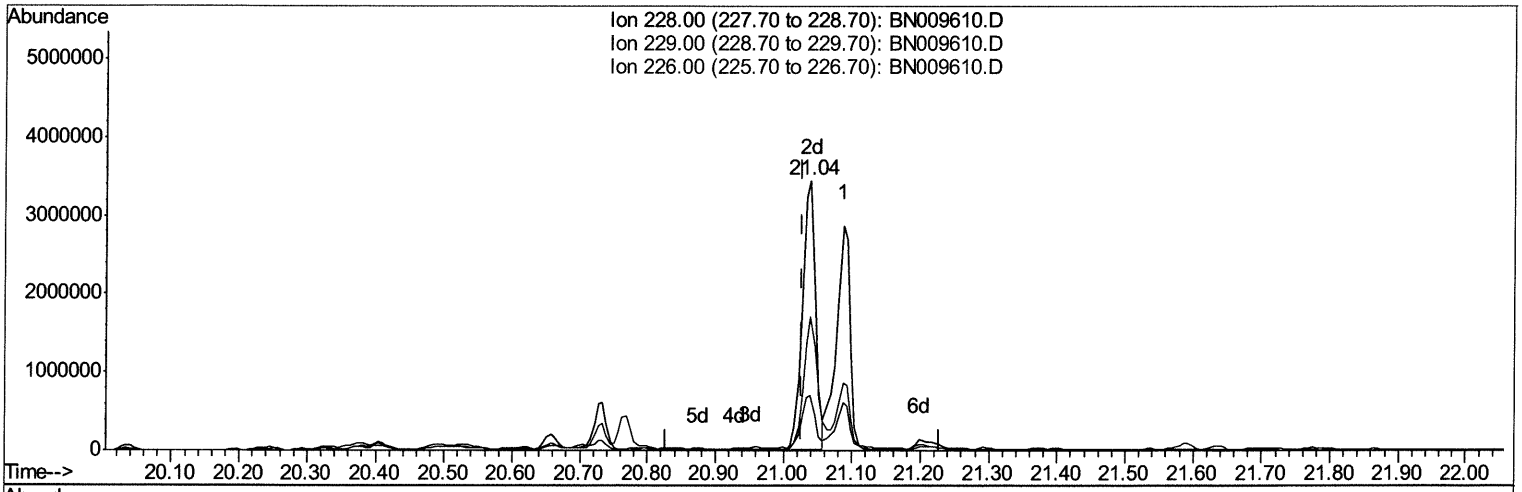

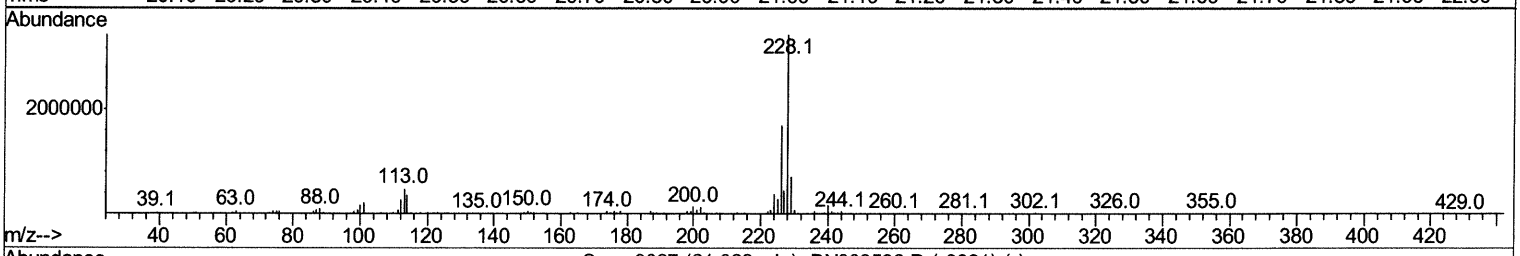

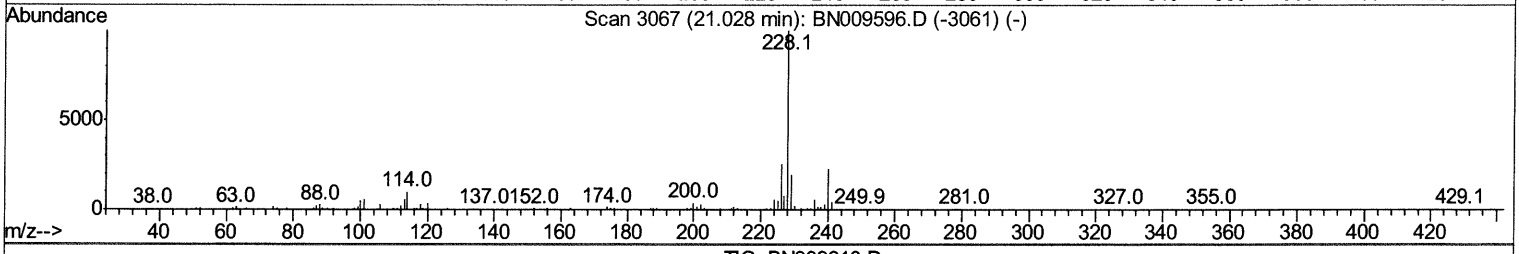

TIC: BN009610.D

(82) Benzo(a)anthracene

21.039min (+0.012) 113.10ng/ul m JU 02/13/20

response 4599568

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.51
226.00	26.10	49.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

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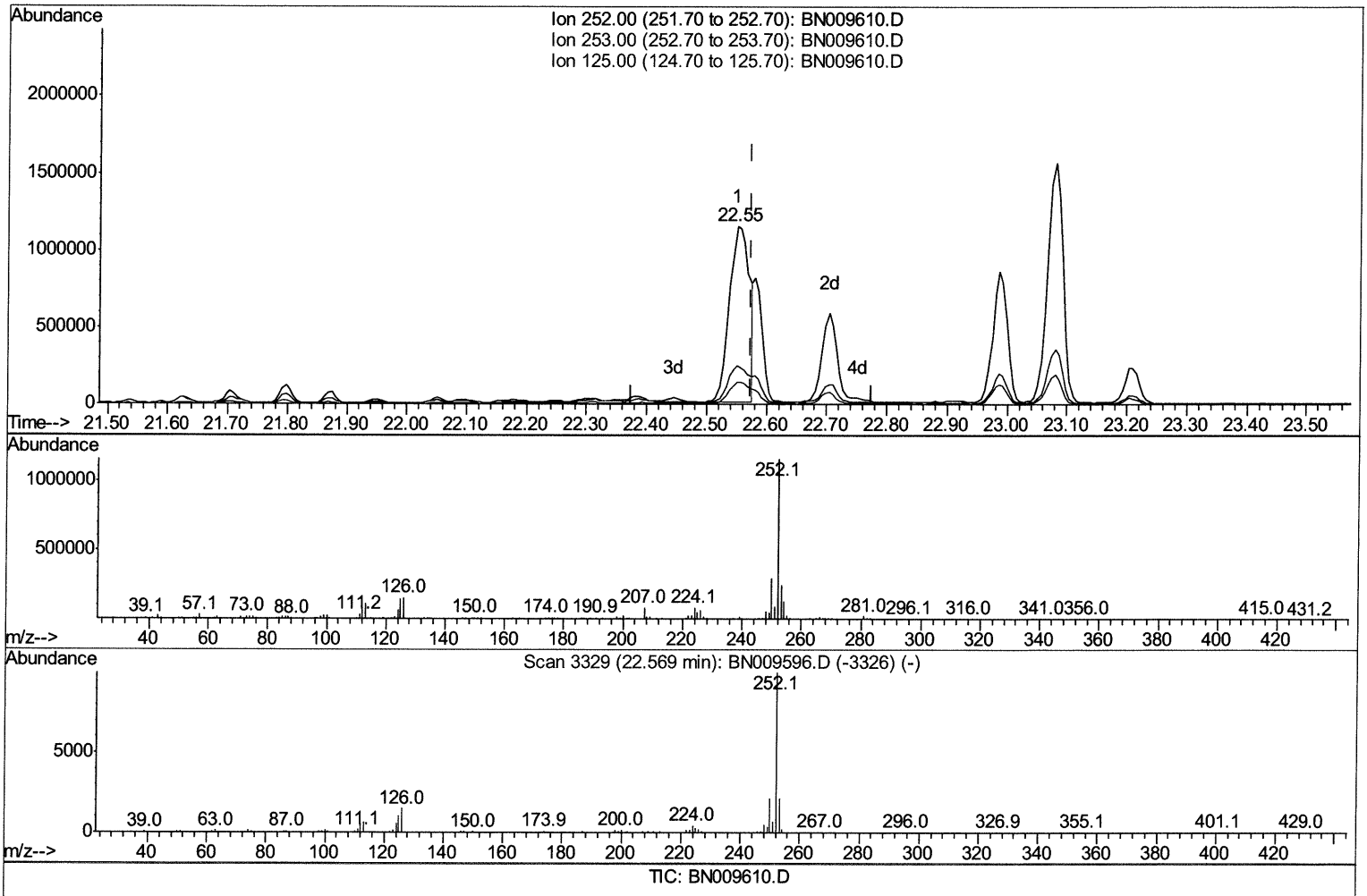

TIC: BN009610.D

(88) Benzo(k)fluoranthene

22.551min (-0.023) 62.59ng/ul

response 2659301

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	21.50
125.00	10.00	12.20#
0.00	0.00	0.00

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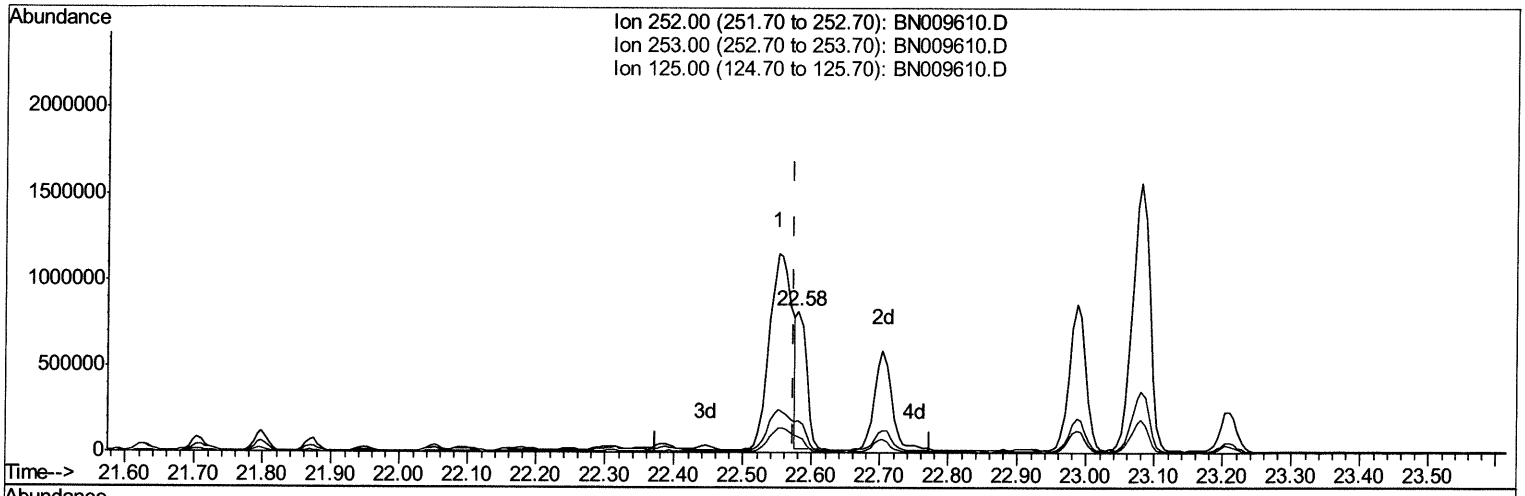

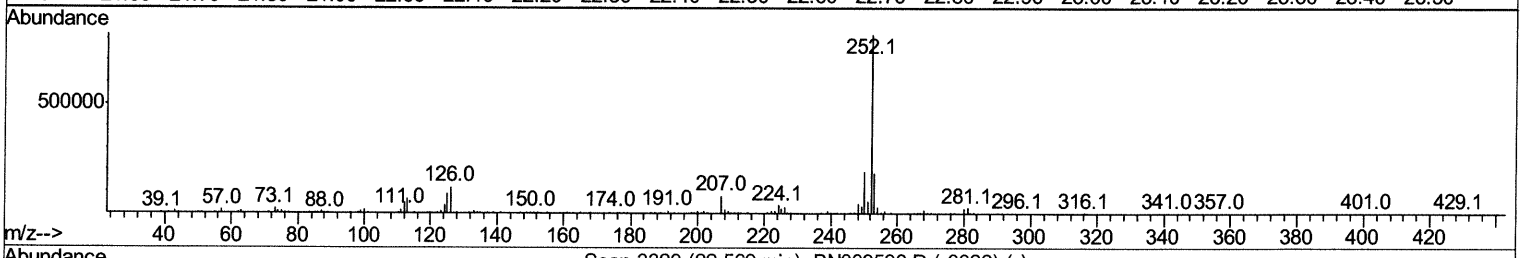

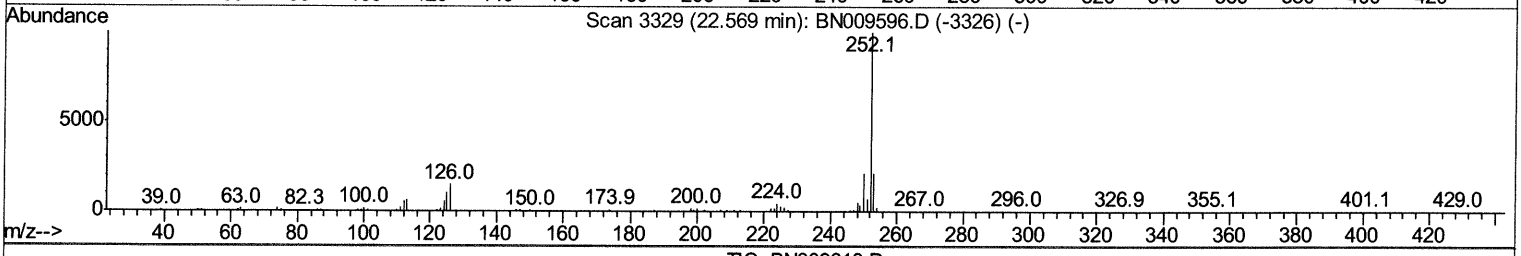

TIC: BN009610.D

(88) Benzo(k)fluoranthene

22.580min (+0.006) 18.64ng/ul m JU 02/13/20

response 791888

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.77
125.00	10.00	11.18
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	7.43	152	142115	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	567817	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	335546	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	645958	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	589012	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	689515	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	8096	2.34	ng/uL	0.00
5) Phenol-d5	6.63	99	168050	13.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	123588	14.84	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	133039	14.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	134719	13.65	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	67148	15.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	72024	15.28	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.82	165	132675	15.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	70680m	7.45	ng/ul	0.00 JU 02/13/20
43) Dimethylphthalate-d6	13.50	166	390483	15.94	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	481201	16.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	64759	14.00	ng/ul	0.00
57) Fluorene-d10	15.08	176	354899	16.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	48872	12.11	ng/ul	0.02
70) Anthracene-d10	16.94	188	502066	17.11	ng/ul	0.00
78) Pyrene-d10	19.24	212	556607	17.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	578894	17.05	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.61	77	9518	1.119	ng/ul	99
6) Phenol	6.66	94	17216	1.300	ng/ul	96
14) Acetophenone	8.26	105	56123	3.553	ng/ul	91
34) 2-Methylnaphthalene	11.86	142	645192	29.941	ng/ul	100
44) Dimethylphthalate	13.55	163	58511	2.251	ng/ul	97
47) Acenaphthylene	13.80	152	5833014	180.090	ng/ul	98
49) Acenaphthene	14.14	153	966222	43.882	ng/ul	100
53) Dibenzofuran	14.48	168	746117	24.334	ng/ul#	87
58) Fluorene	15.15	166	5620118	219.323	ng/ul	99
64) N-Nitrosodiphenylamine	15.36	169	142083	7.360	ng/ul#	84
69) Phenanthrene	16.89	178	20982427m	569.582	ng/ul	JU 02/13/20
71) Anthracene	16.97	178	5055442	135.251	ng/ul	99
76) Fluoranthene	18.91	202	7626981	181.403	ng/ul	96
79) Pyrene	19.29	202	12456632	289.703	ng/ul	97
82) Benzo(a)anthracene	21.04	228	4599568m	113.100	ng/ul	JU 02/13/20
84) Chrysene	21.09	228	4006485	98.959	ng/ul	98
87) Benzo(b)fluoranthene	22.55	252	2659301	61.644	ng/ul	98
88) Benzo(k)fluoranthene	22.58	252	791888m	18.639	ng/ul	JU 02/13/20
90) Benzo(a)pyrene	23.08	252	2787139	69.732	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.23	276	1096869	23.082	ng/ul	96
92) Dibenzo(a,h)anthracene	25.23	278	415906	10.398	ng/ul#	93
93) Benzo(g,h,i)perylene	25.86	276	1001399	25.144	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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