

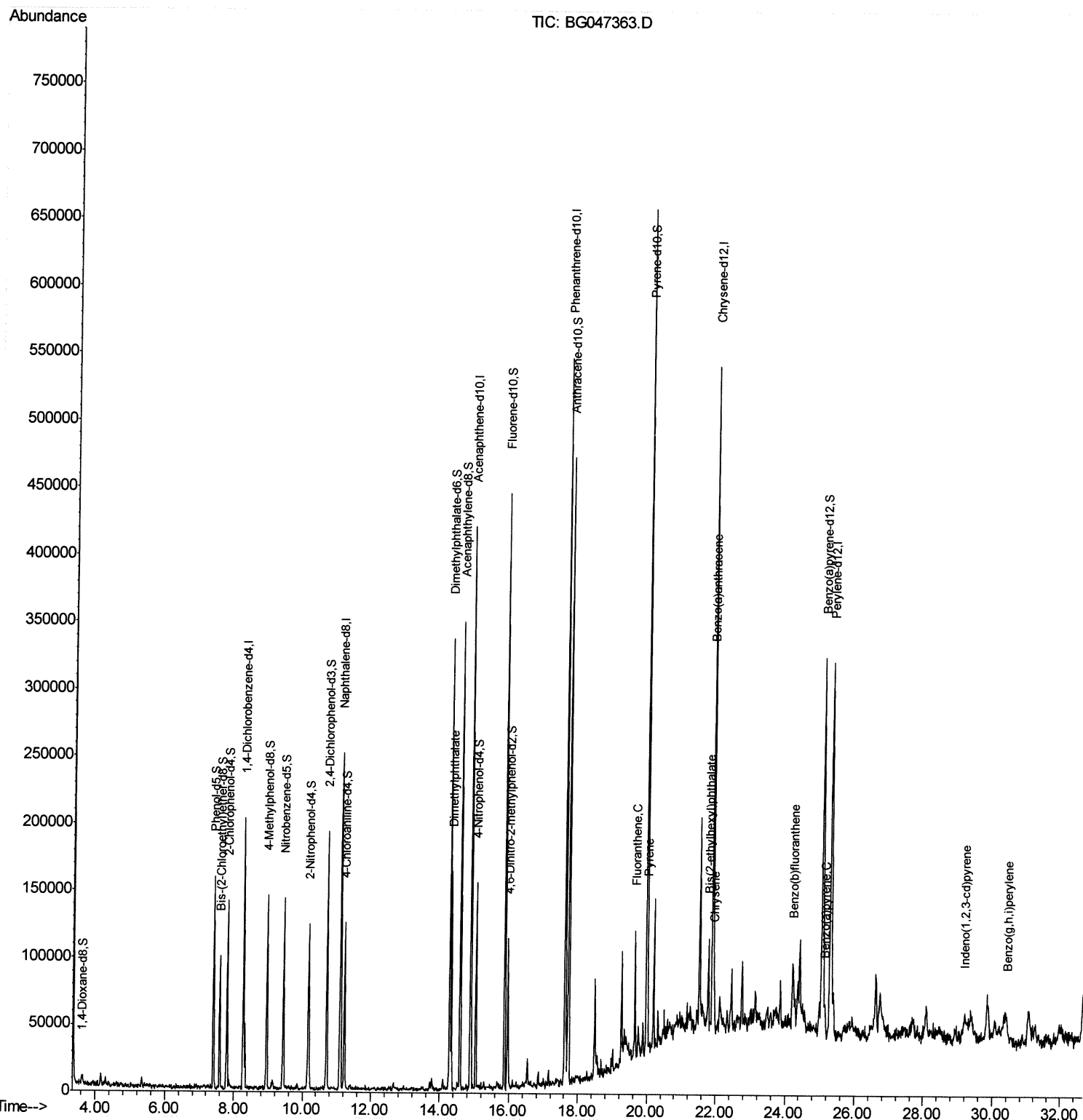
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047363.D
Acq On : 19 Nov 2020 22:04
Operator : CG/JU
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B44

Quant Time: Nov 20 07:19:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 20 06:38:48 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
11/23/2020 1:28:51 PM



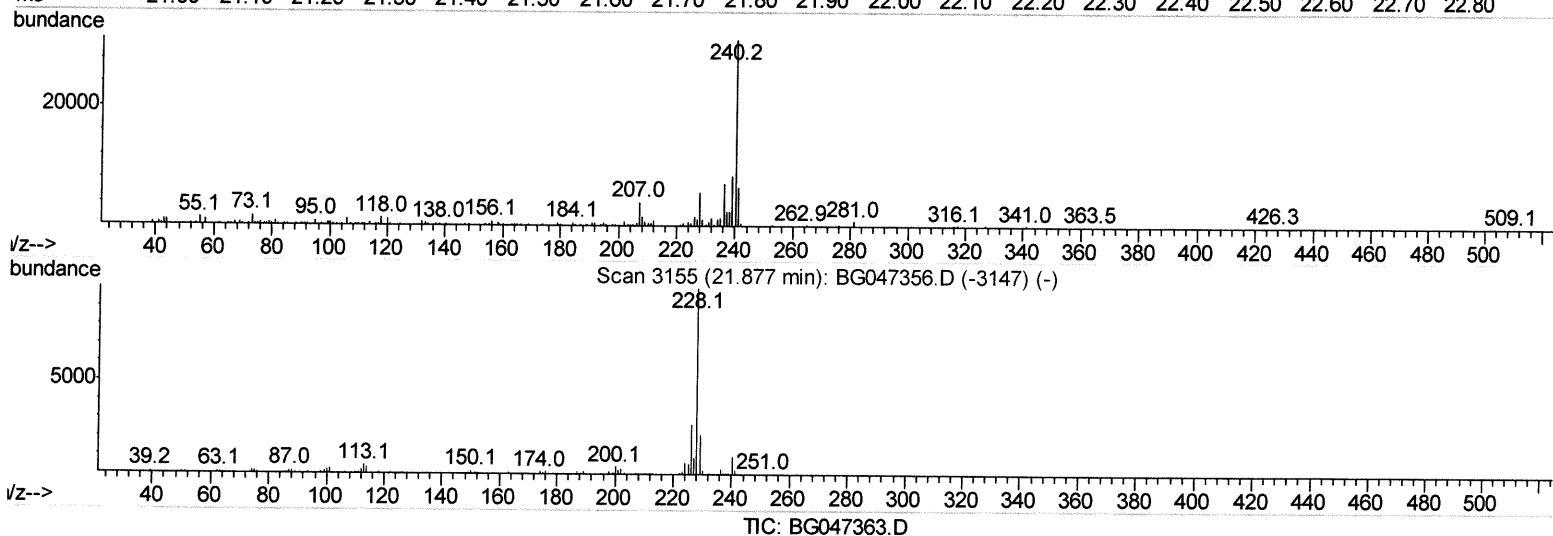
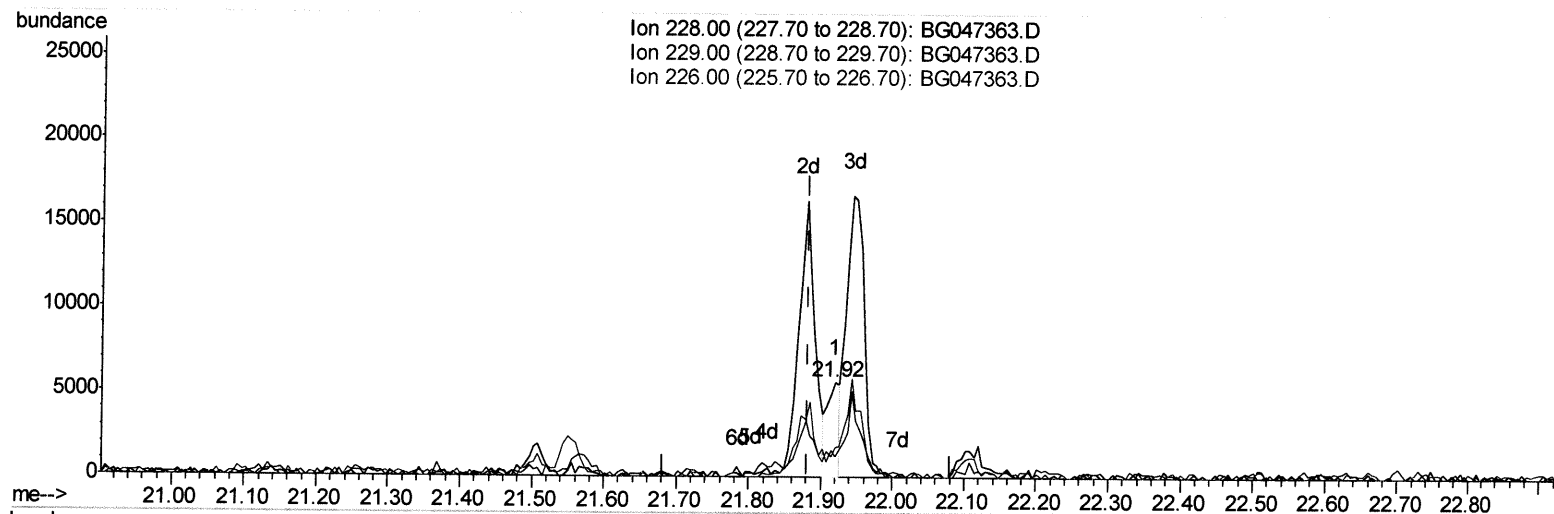
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(83) Benzo(a)anthracene

21.920min (+0.038) 0.31ng/ul

response 7125

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.78
226.00	29.10	30.56
0.00	0.00	0.00

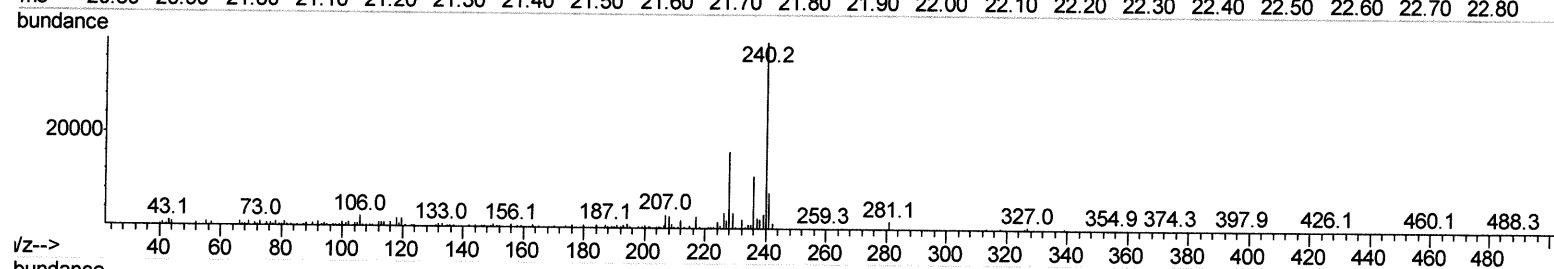
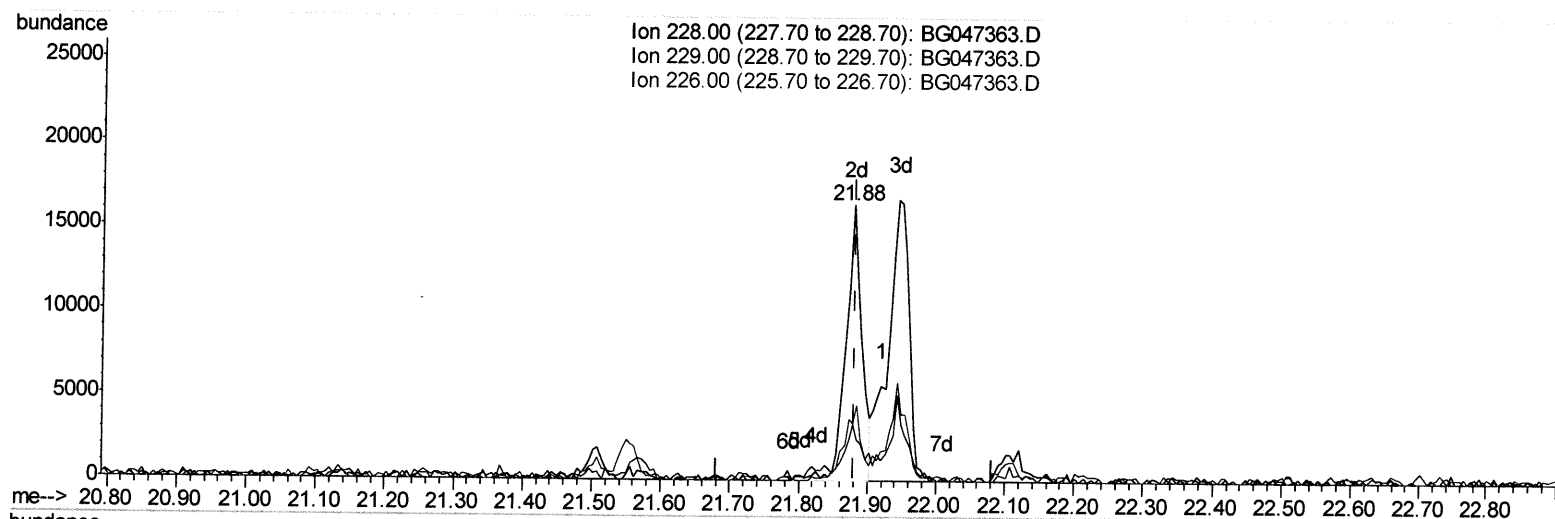
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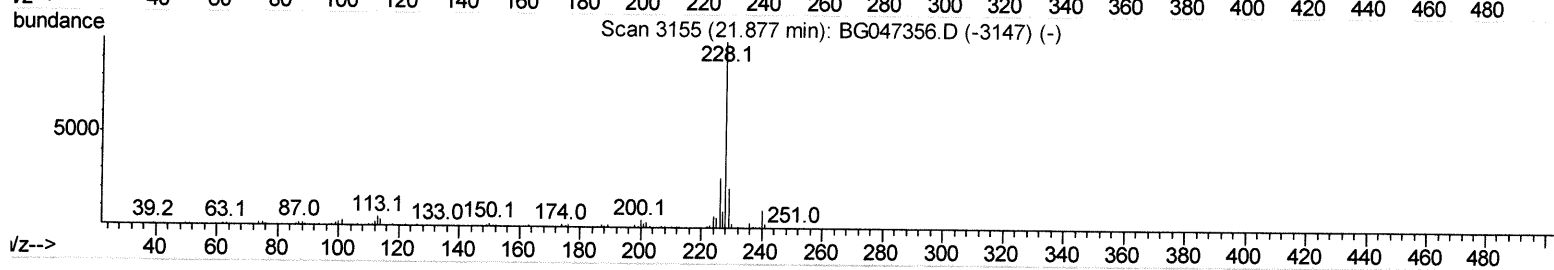
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Scan 3155 (21.877 min): BG047356.D (-3147) (-)



TIC: BG047363.D

(83) Benzo(a)anthracene

21.878min (-0.003) 1.16ng/ul m

response 26448

JU 11/24/20

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	20.17
226.00	29.10	20.83#
0.00	0.00	0.00

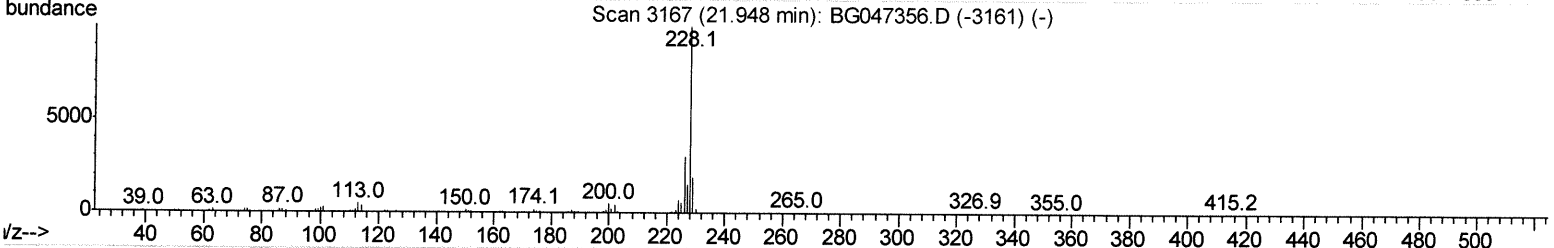
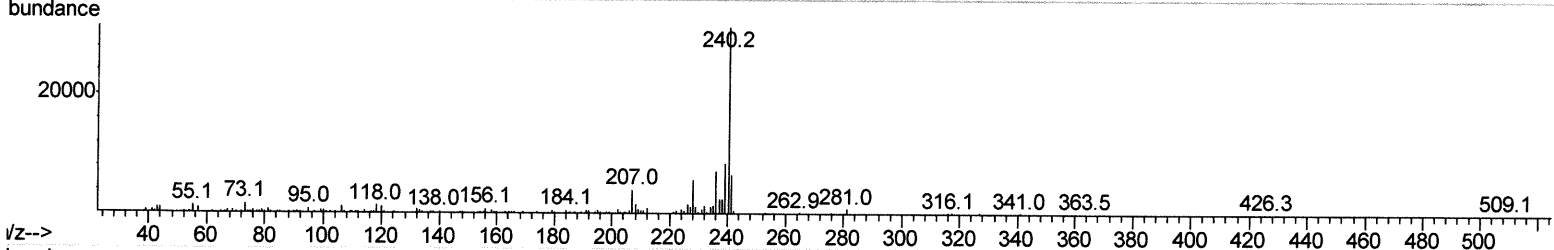
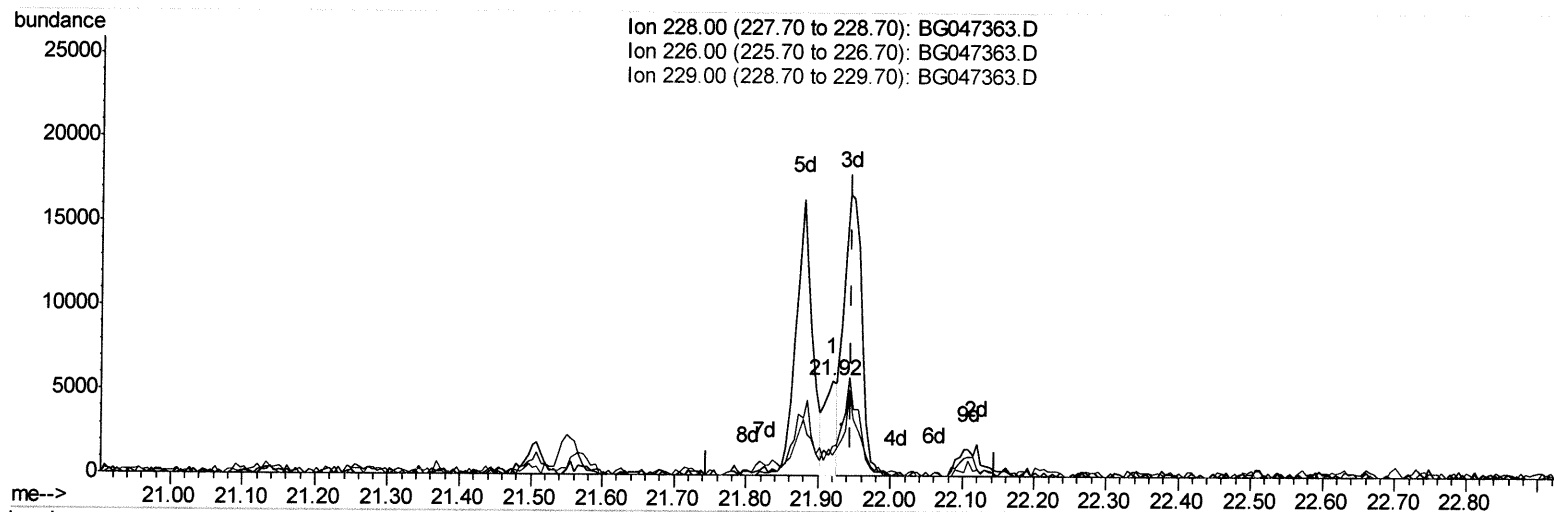
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Manual Integrations
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TIC: BG047363.D

(85) Chrysene

21.920min (-0.026) 0.33ng/ul

response 7125

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	30.56
229.00	20.40	21.78
0.00	0.00	0.00

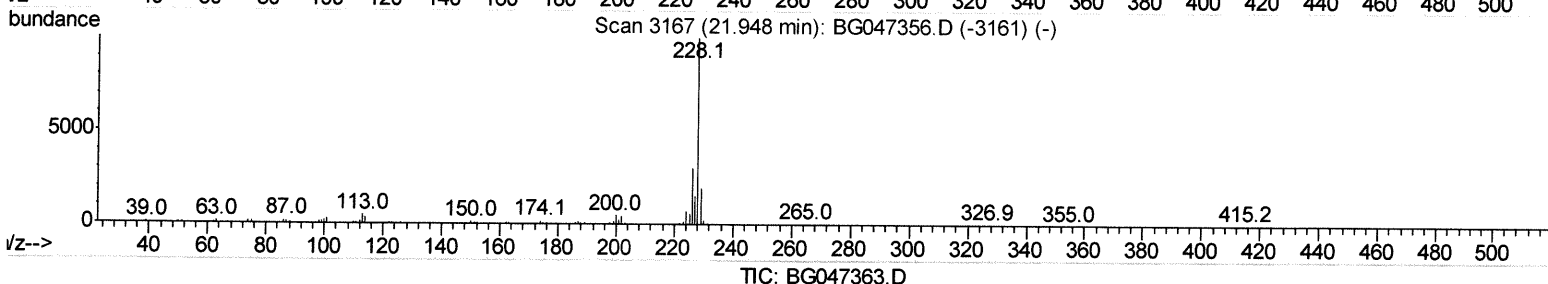
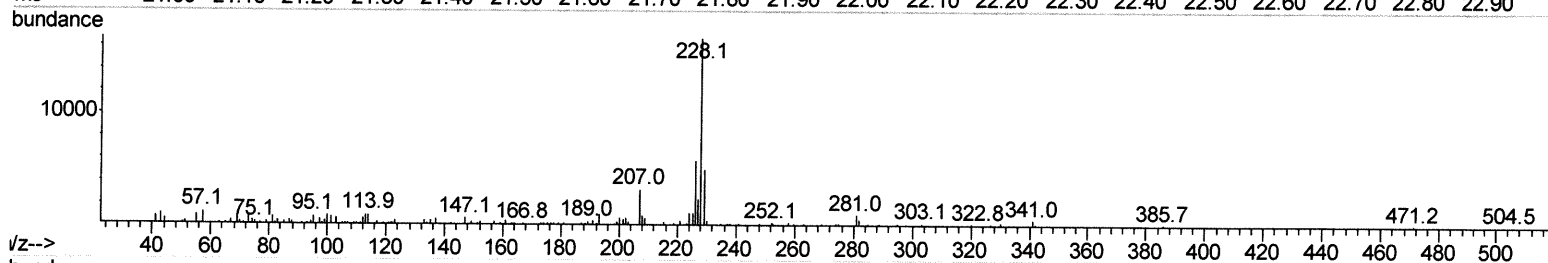
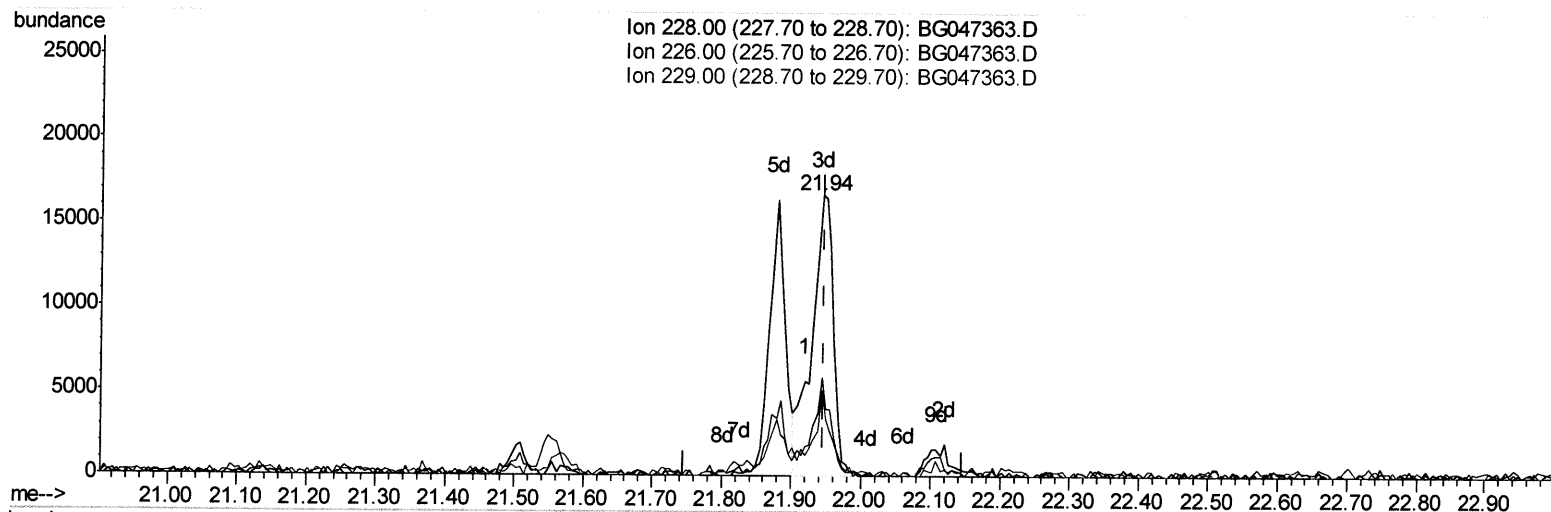
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Manual Integrations
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(85) Chrysene

21.943min (-0.003) 1.66ng/ul m *JU 11/24/20*

response 36055

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	35.09
229.00	20.40	30.30#
0.00	0.00	0.00

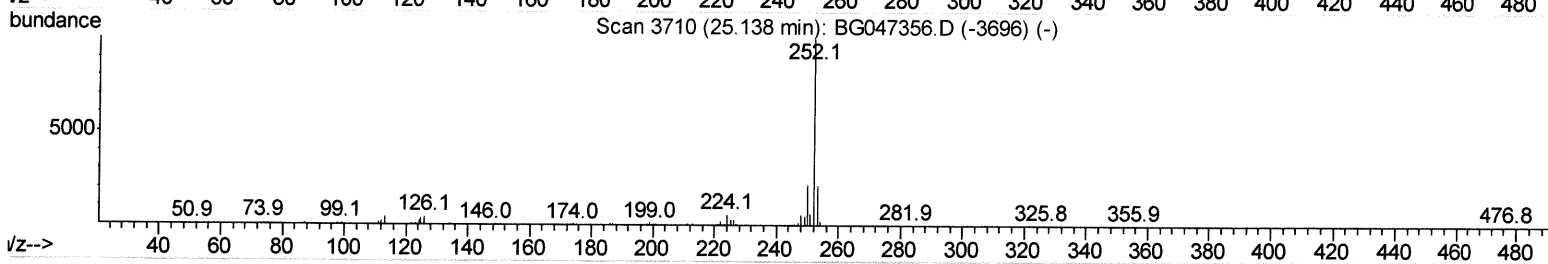
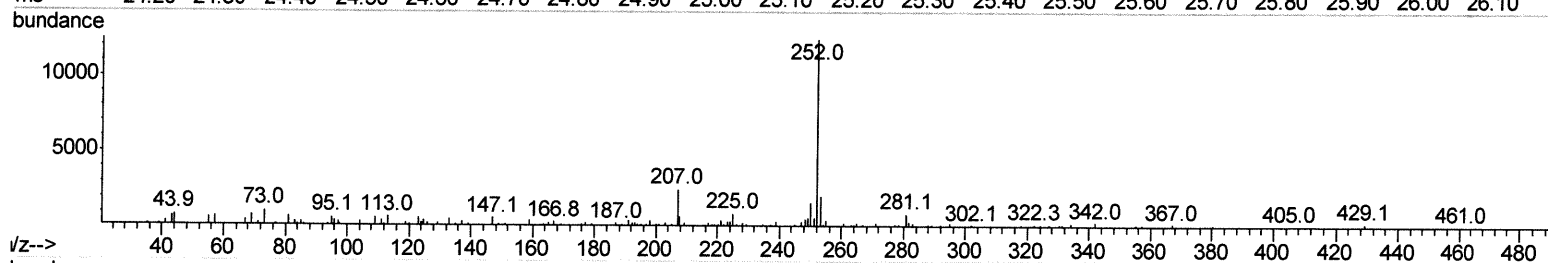
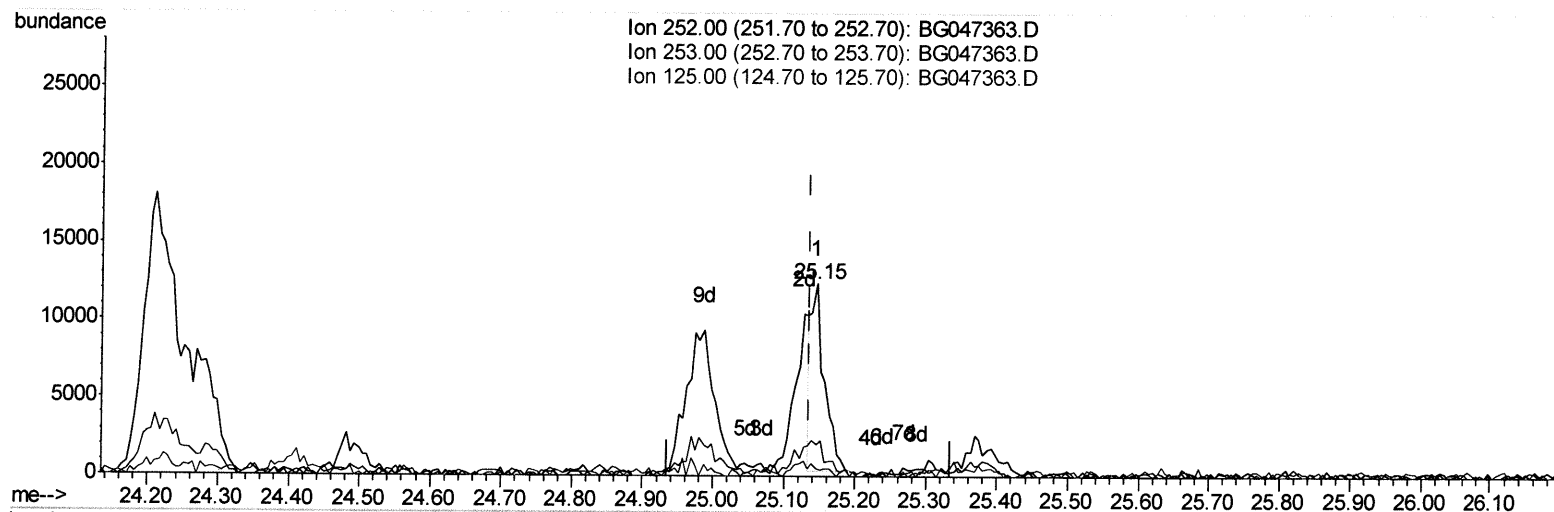
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Manual Integrations
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(91) Benzo(a)pyrene (C)

25.145min (+0.009) 0.72ng/ul

response 14978

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	16.92#
125.00	3.90	4.27
0.00	0.00	0.00

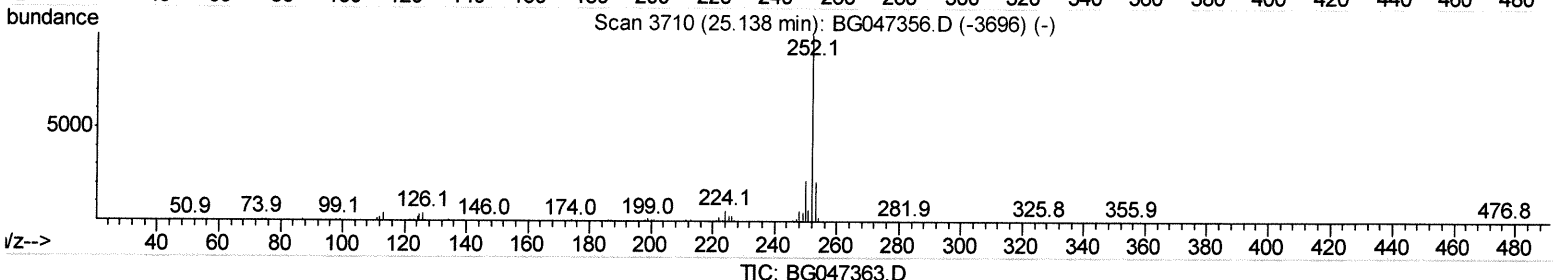
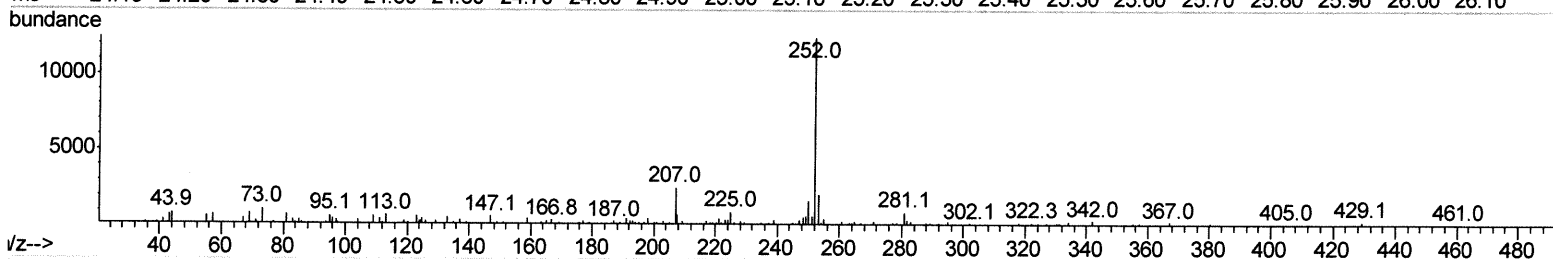
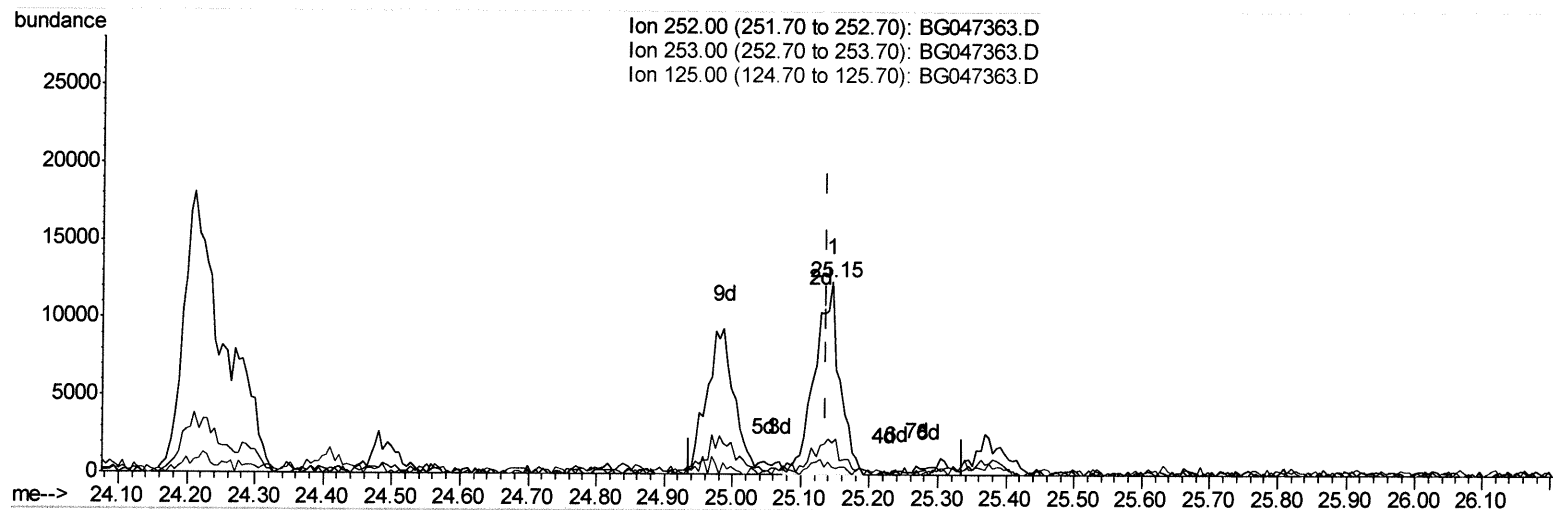
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 Data File : BG047363.D
 Acq On : 19 Nov 2020 22:04
 Operator : CG/JU
 Sample : L4710-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0B44

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:51 PM

Quant Time: Nov 20 07:10:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BG047363.D

(91) Benzo(a)pyrene (C)

25.145min (+0.009) 1.52ng/ul m *Jul 11/24/20*

response 31822

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	16.92#
125.00	3.90	4.27
0.00	0.00	0.00

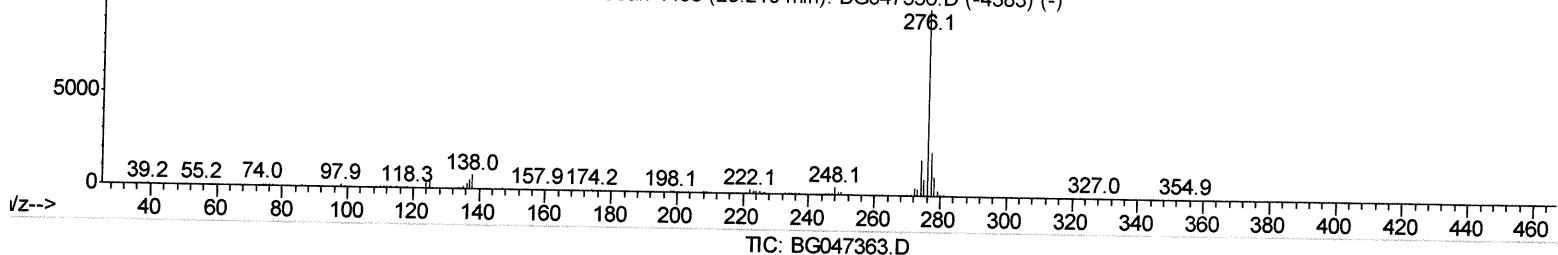
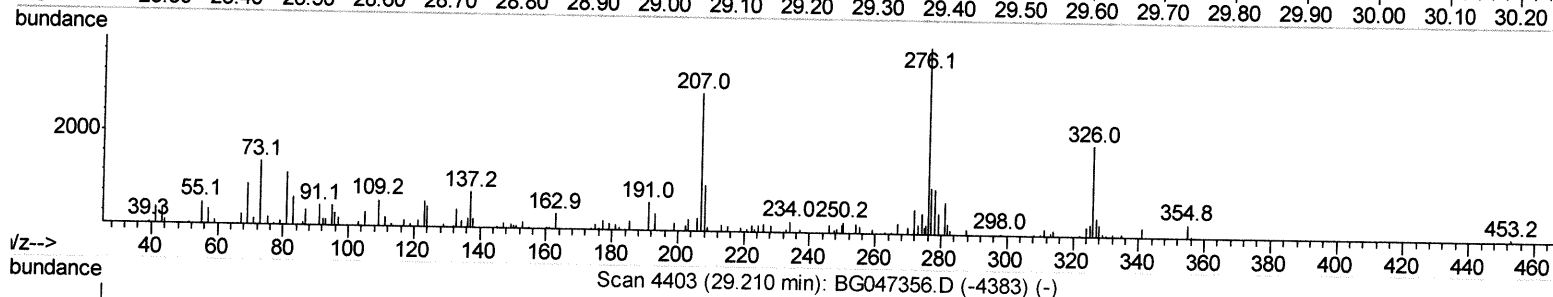
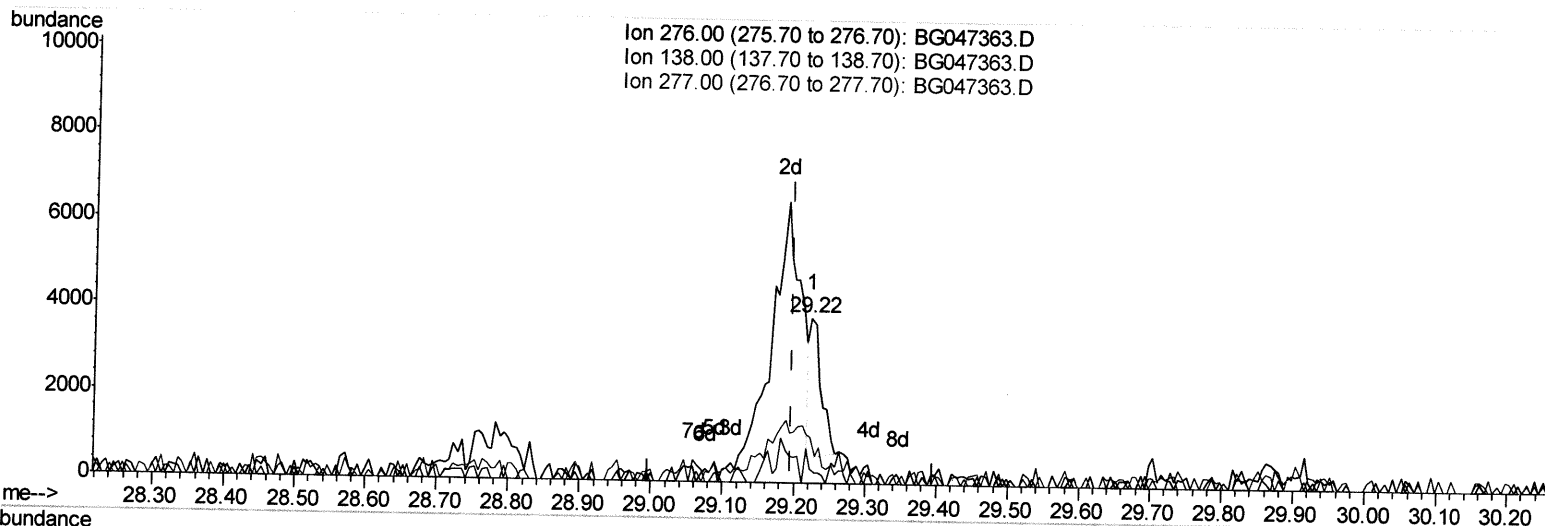
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B44

Manual Integrations
 APPROVED

mohammad
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(92) Indeno(1,2,3-cd)pyrene

29.223min (+0.026) 0.15ng/ul

response 3740

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	8.23
277.00	24.90	27.57
0.00	0.00	0.00

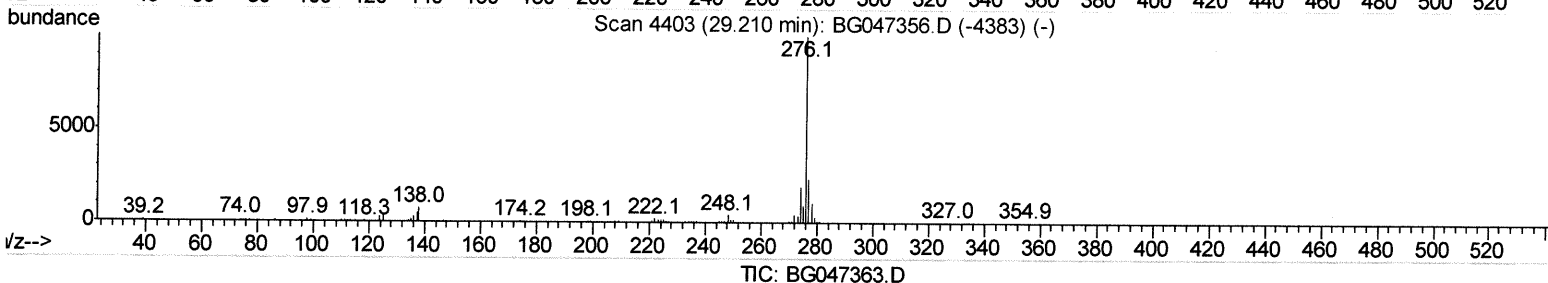
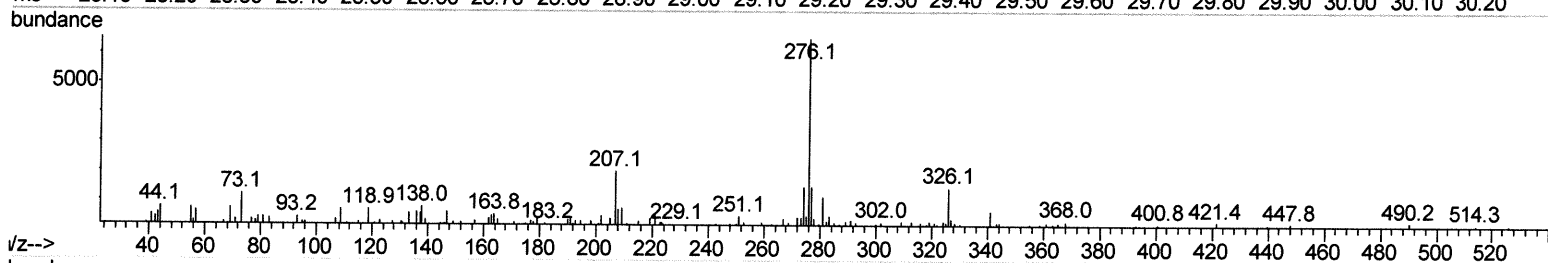
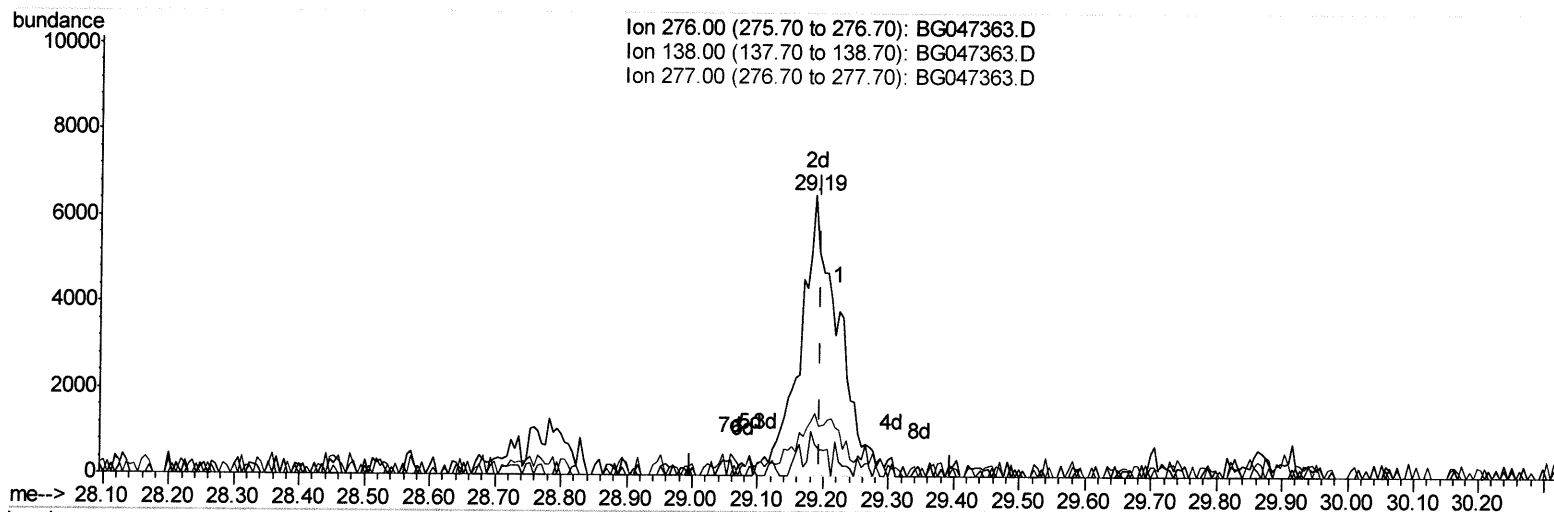
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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B44

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:51 PM

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 Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

29.188min (-0.009) 1.04ng/ul m

Jun 24/20

response 26416

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	11.49#
277.00	24.90	22.39
0.00	0.00	0.00

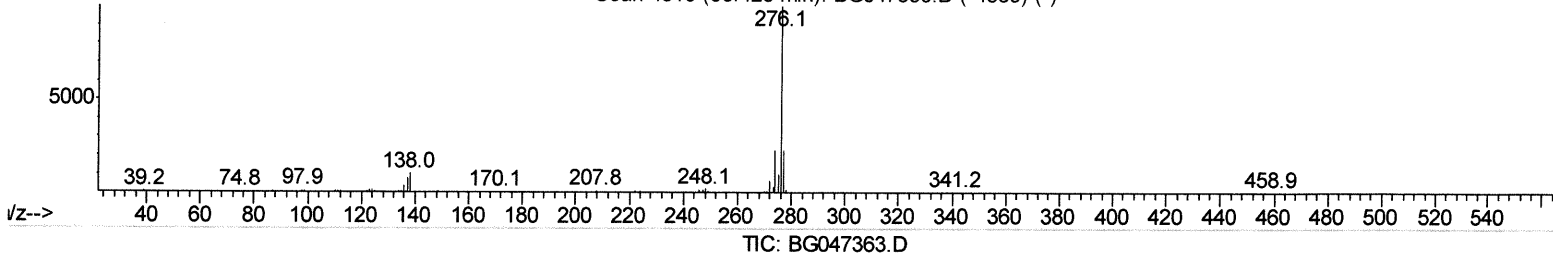
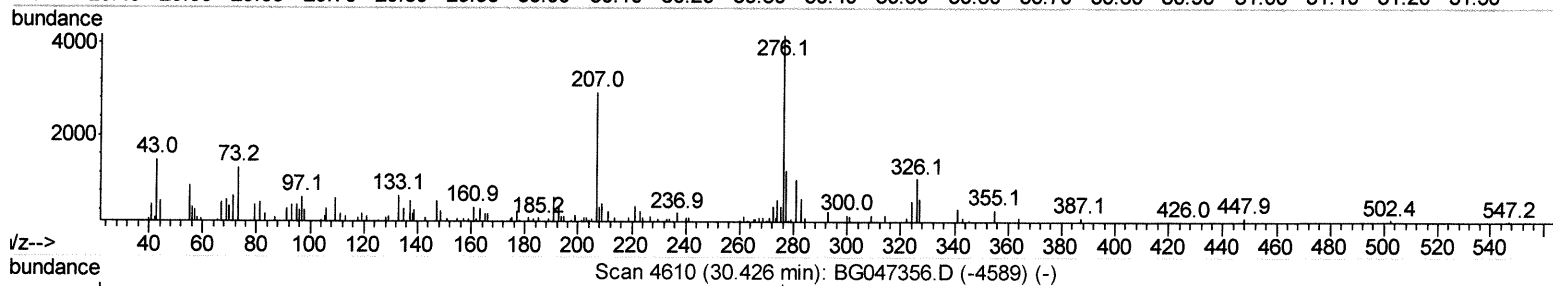
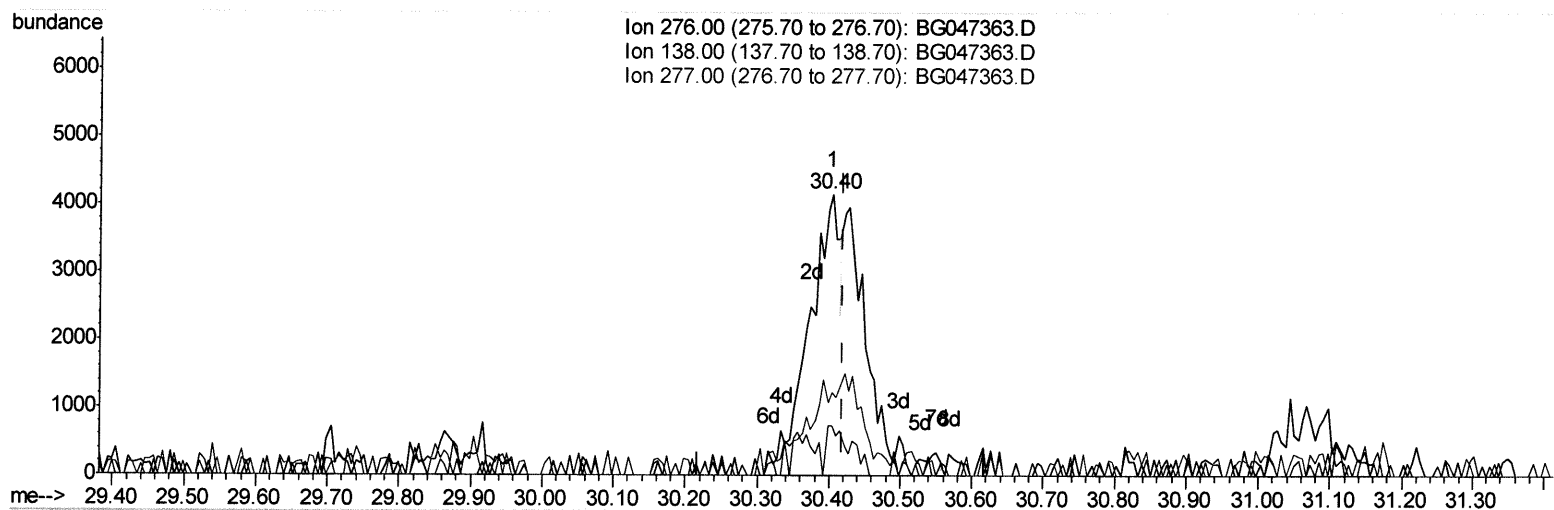
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Manual Integrations
 APPROVED

mohammad
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(94) Benzo(g,h,i)perylene

30.404min (-0.015) 0.13ng/ul

response 2753

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	17.63#
277.00	21.90	29.78#
0.00	0.00	0.00

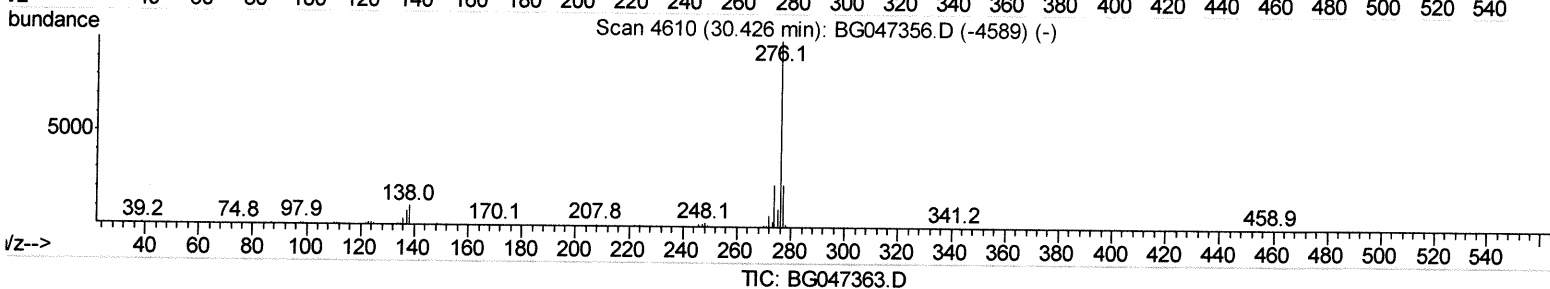
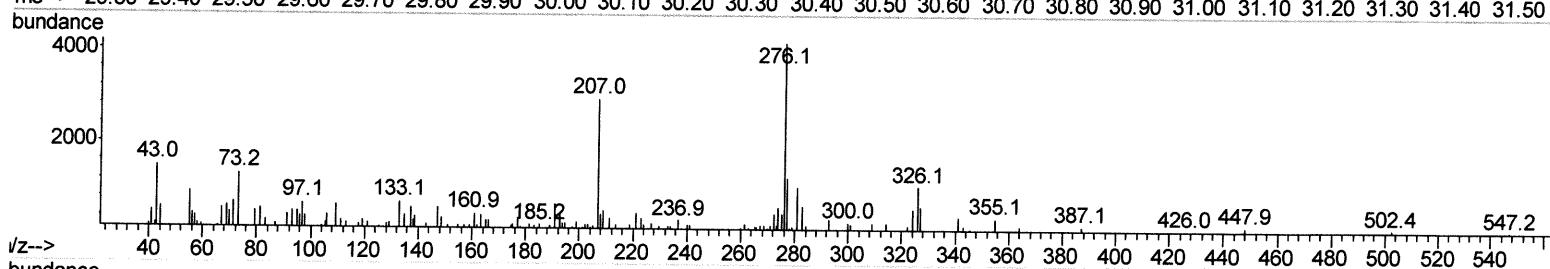
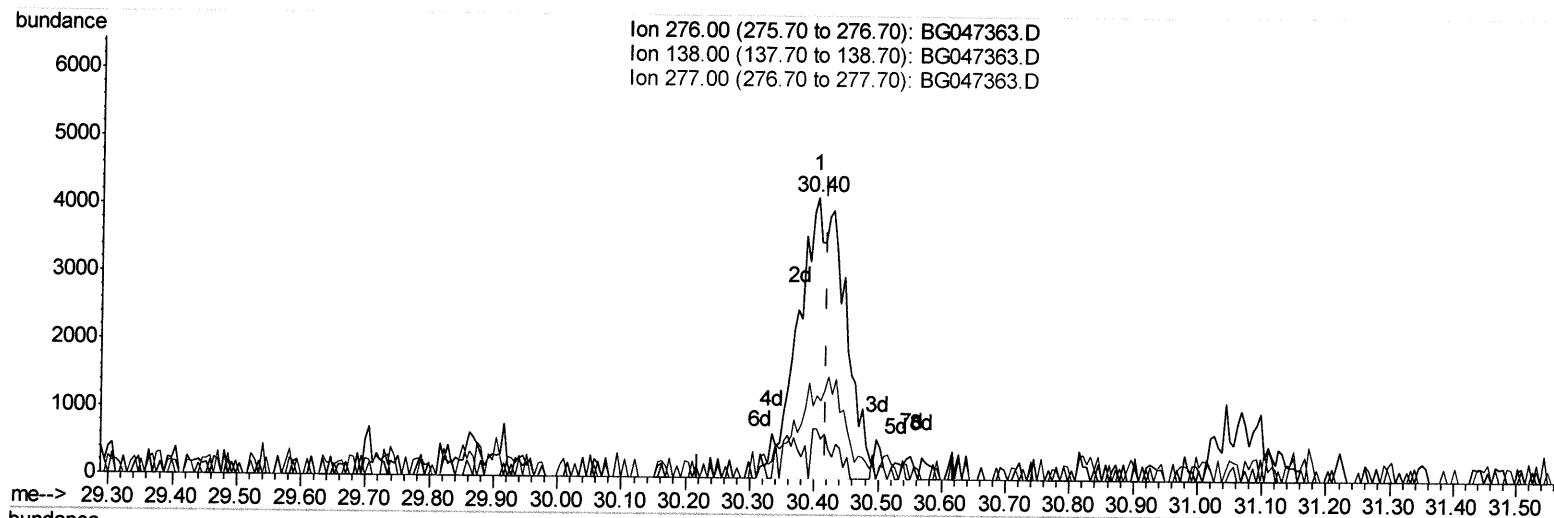
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 ALS Vial : 17 Sample Multiplier: 1

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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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(94) Benzo(g,h,i)perylene

30.404min (-0.015) 1.06ng/ul m

response 22202

Jul 24/20

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	9.85
277.00	21.90	29.78#
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	8.27	152	54113	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	207684	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	150115	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	349762	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	320039	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	332703	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	3752	2.52	ng/uL	0.00
5) Phenol-d5	7.40	99	78628	14.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	47356	15.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	52242	14.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	45751	10.97	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	28383	16.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	30383	16.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	63671	14.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	58271	13.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	206172	16.00	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	247194	16.60	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	27130	13.80	ng/ul	0.00
58) Fluorene-d10	15.87	176	183271	15.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	27660	13.89	ng/ul	0.00
71) Anthracene-d10	17.72	188	295800	17.05	ng/ul	0.00
79) Pyrene-d10	19.98	212	330735	17.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	331198	17.30	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.32	163	89860	6.836	ng/ul	99
77) Fluoranthene	19.65	202	58765	2.464	ng/ul#	96
80) Pyrene	20.01	202	47340	2.088	ng/ul#	95
83) Benzo(a)anthracene	21.88	228	26448m	1.161	ng/ul	> 94 11/24/20
84) Bis(2-ethylhexyl)phthalate	21.77	149	26261	2.366	ng/ul#	89
85) Chrysene	21.94	228	36055m	1.664	ng/ul	> 94 11/24/20
88) Benzo(b)fluoranthene	24.21	252	50768	2.161	ng/ul#	97
91) Benzo(a)pyrene	25.15	252	31822m	1.520	ng/ul	} > 94 11/24/20
92) Indeno(1,2,3-cd)pyrene	29.19	276	26416m	1.037	ng/ul	
94) Benzo(g,h,i)perylene	30.40	276	22202m	1.056	ng/ul	

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