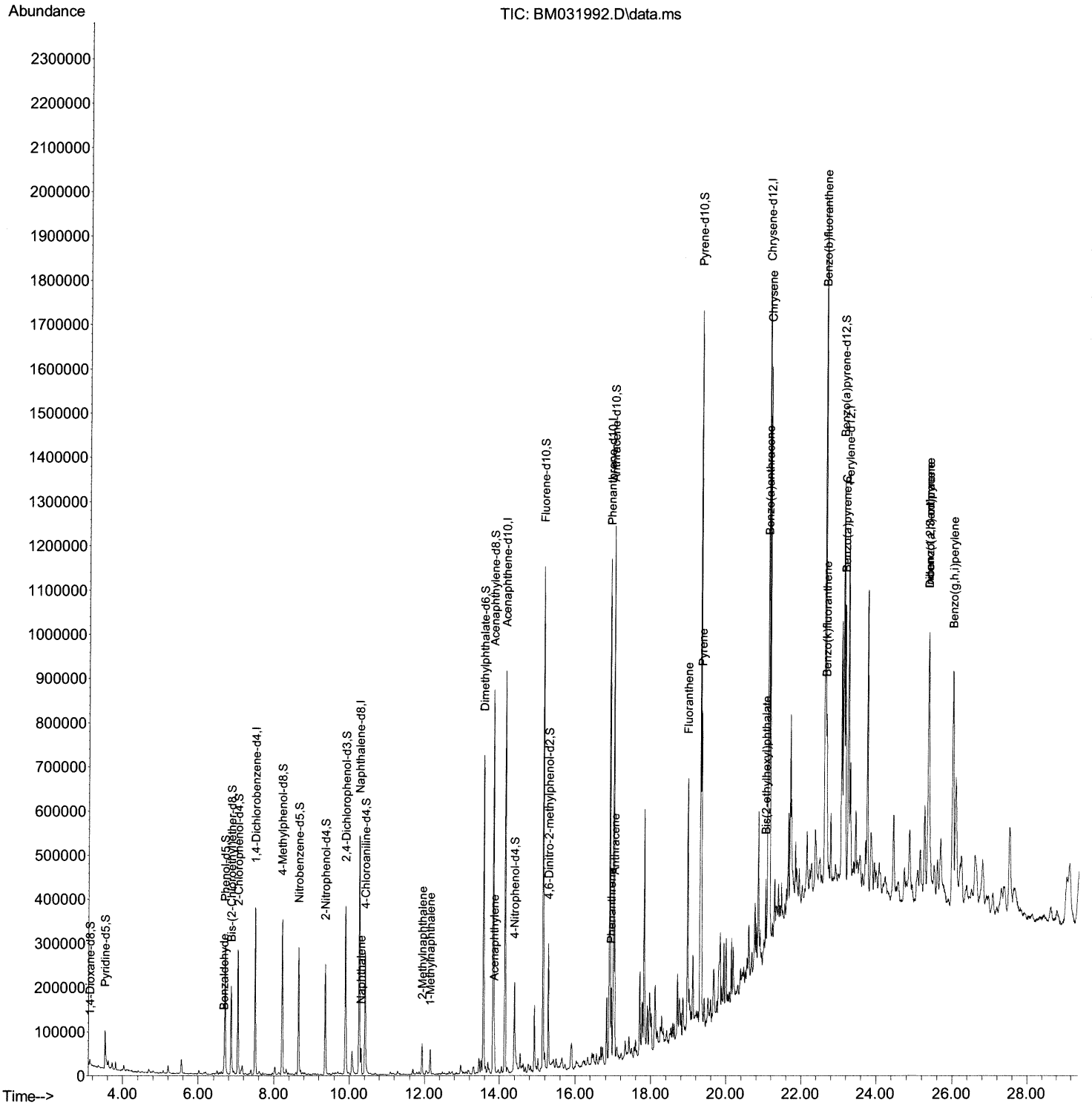
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031992.D
Acq On : 31 Aug 2021 19:39
Operator : CG/JU
Sample : M3486-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 01 01:03:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ4

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:13 PM



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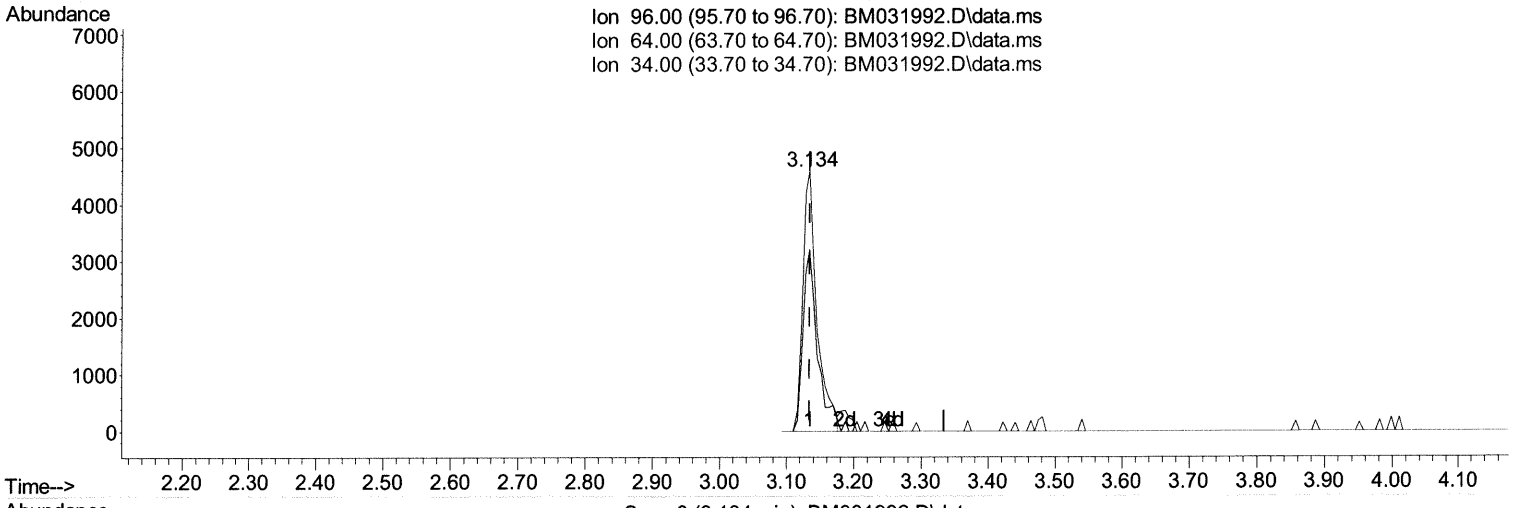

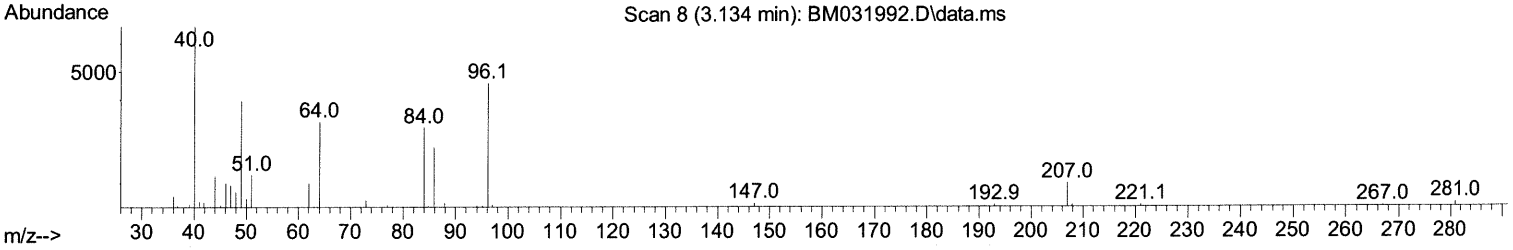

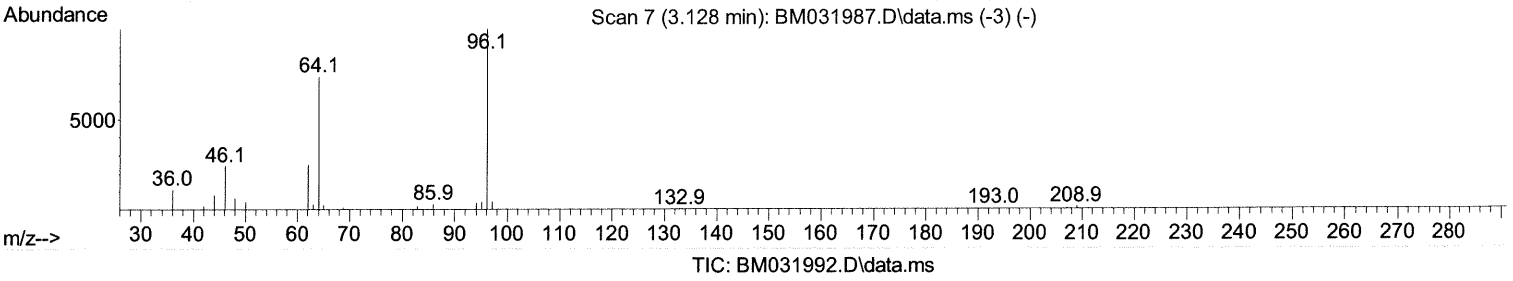

TIC: BM031992.D\data.ms

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

3.134min (-0.000) 3.08 ng/uL

response 6652

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.00	69.95
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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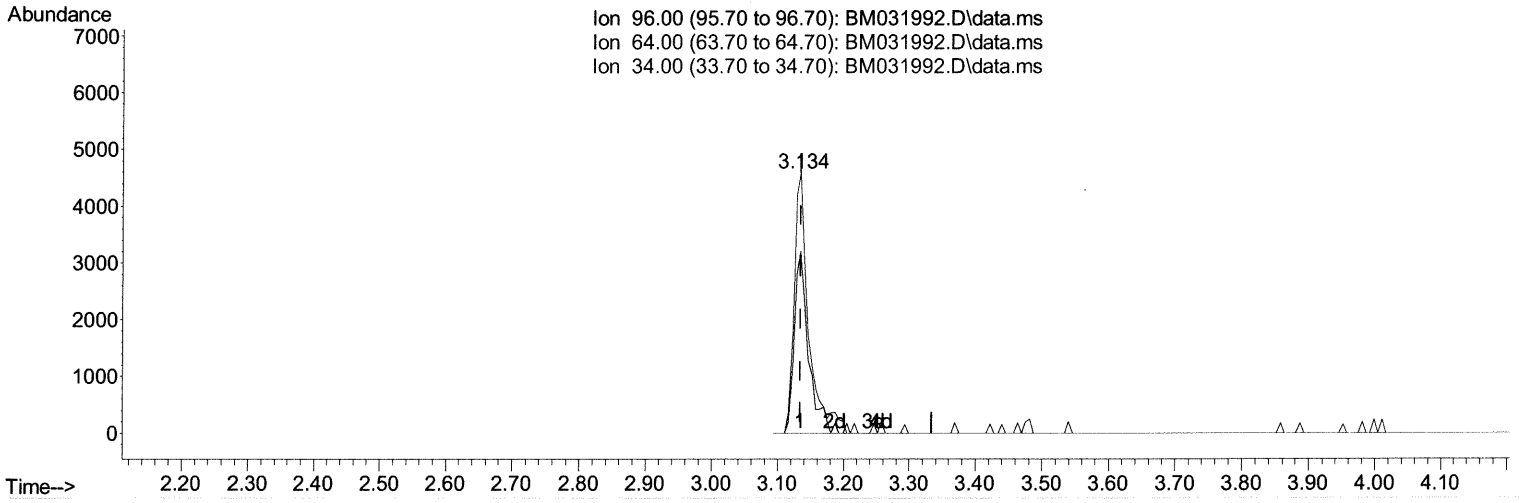

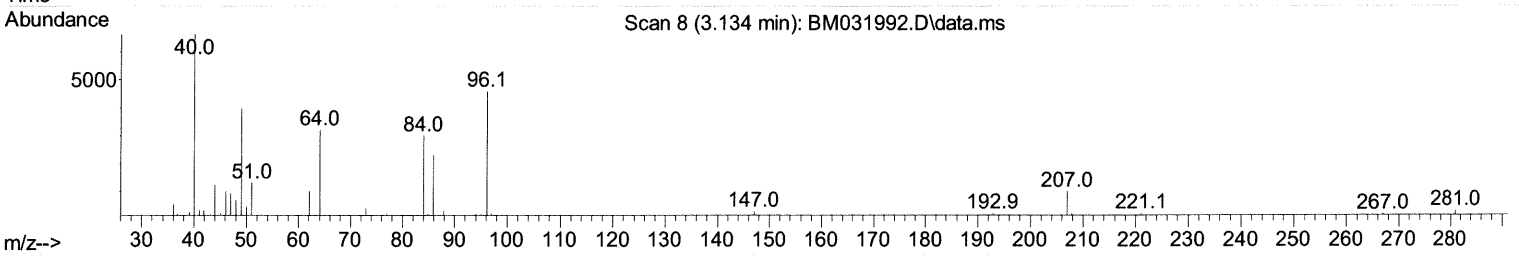

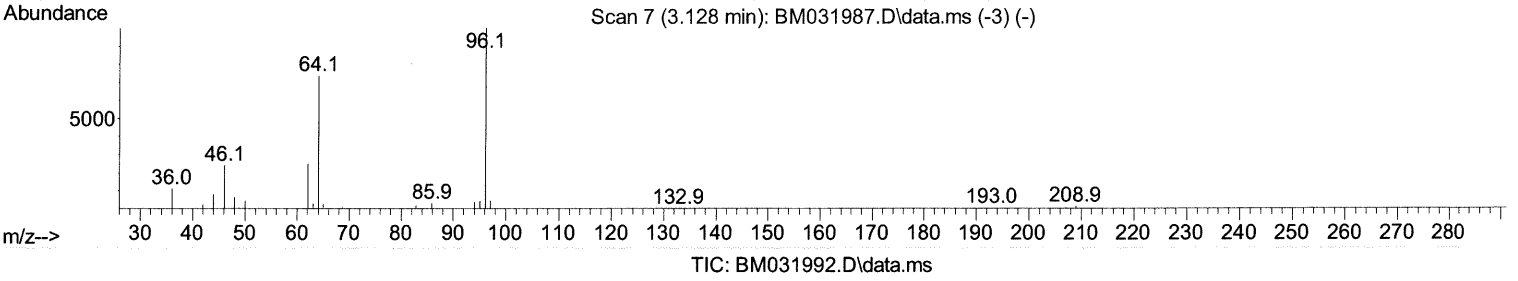

TIC: BM031992.D\data.ms

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

3.134min (-0.000) 3.27 ng/uL m 09/03/21 JU

response 7053

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.00	69.95
34.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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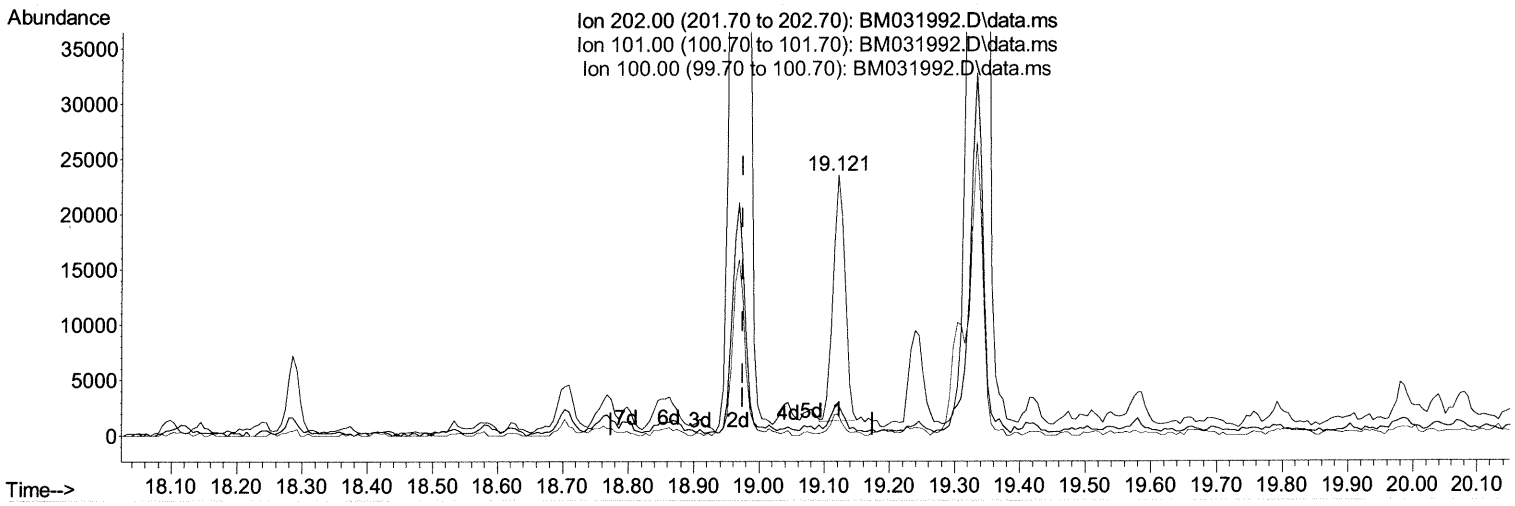

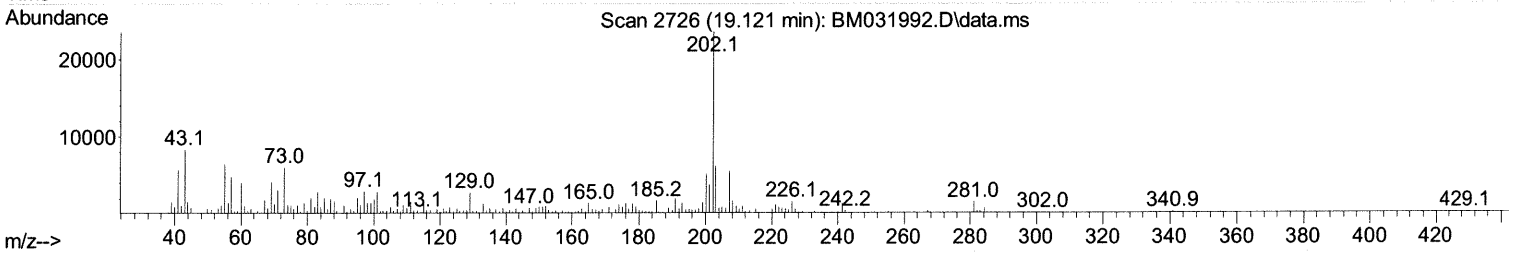

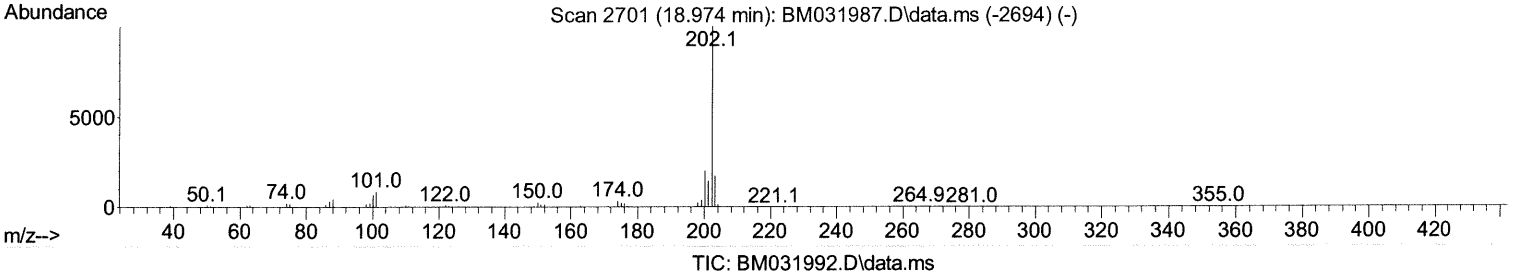

TIC: BM031992.D\data.ms

(80) Fluoranthene

19.121min (+ 0.147) 0.82 ng/ul

response 28748

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.99
100.00	8.50	8.22
0.00	0.00	0.00

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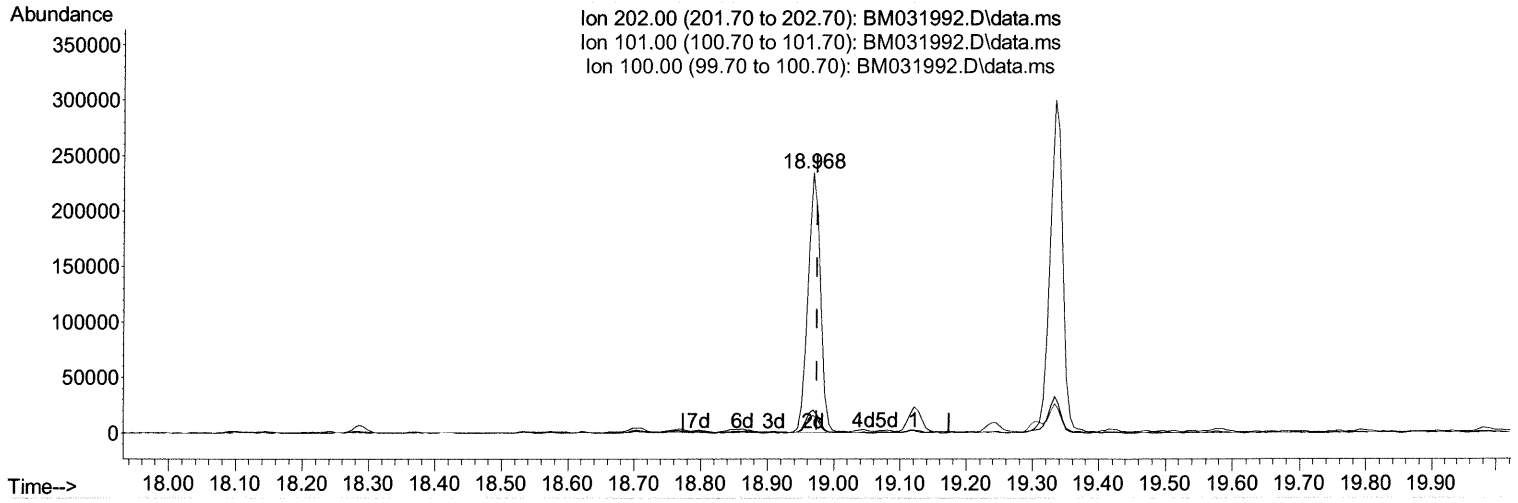
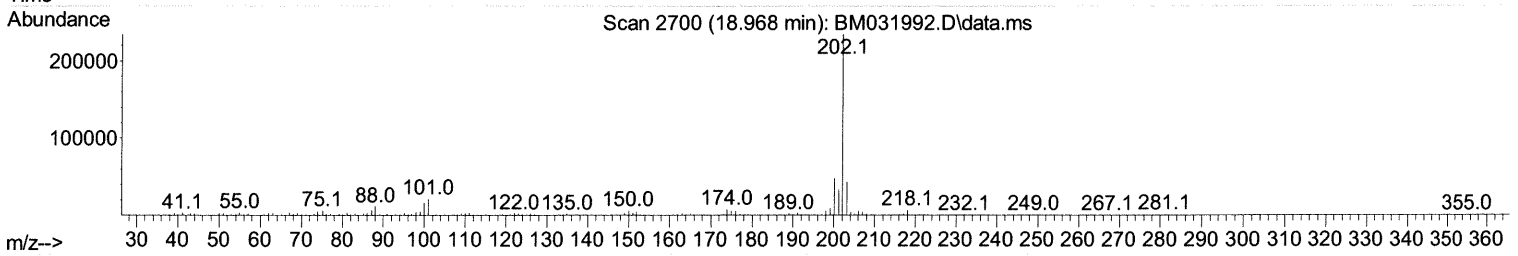
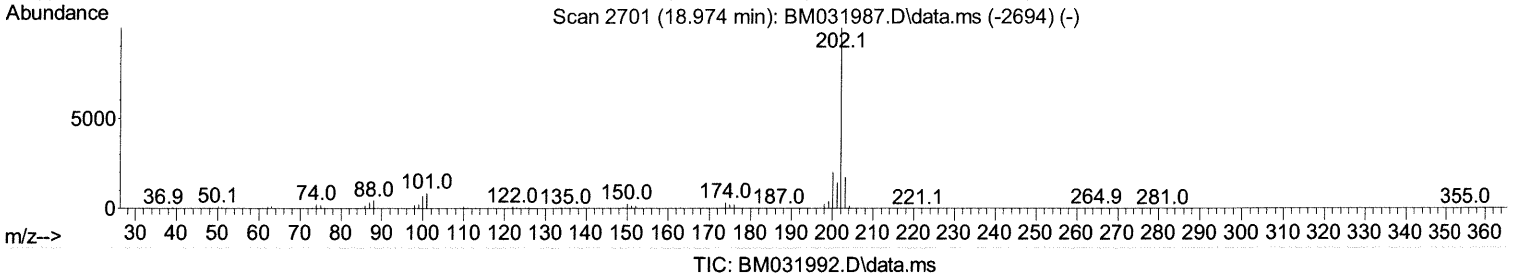
BNA_M
ClientSampleId :
C0AZ4

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:13 PM







TIC: BM031992.D\data.ms

(80) Fluoranthene

18.968min (-0.006) 8.71 ng/ul m 09/03/21 JU

response 306546

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	8.97
100.00	8.50	6.78#
0.00	0.00	0.00

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
C0AZ4

Manual Integrations APPROVED
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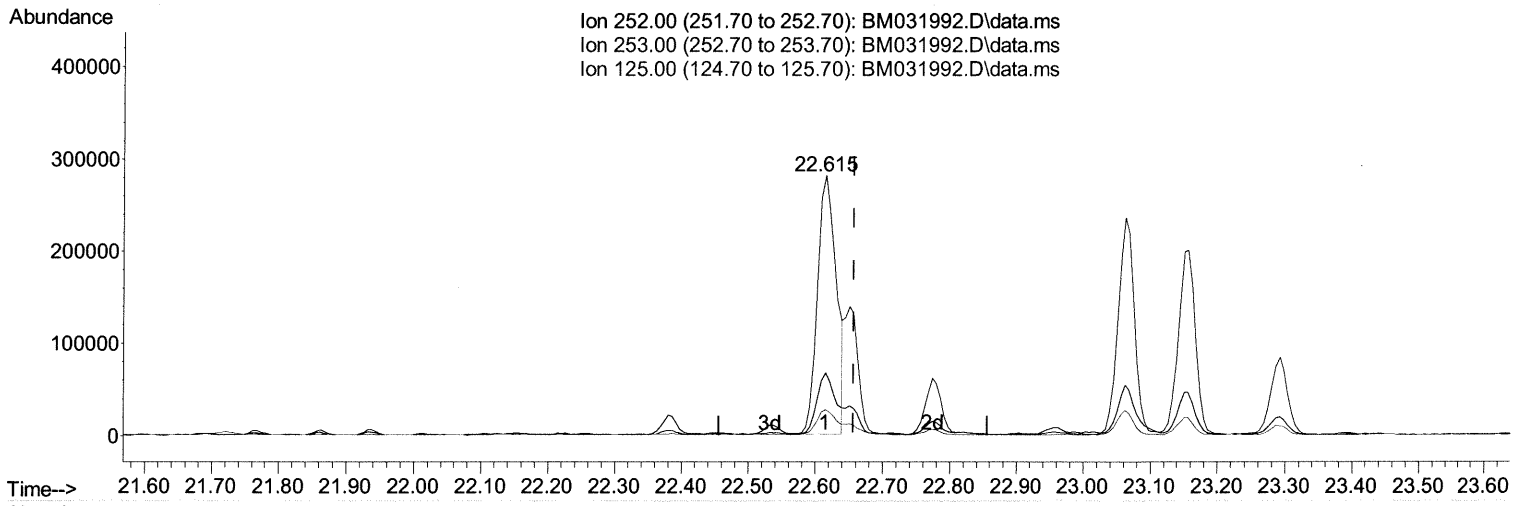

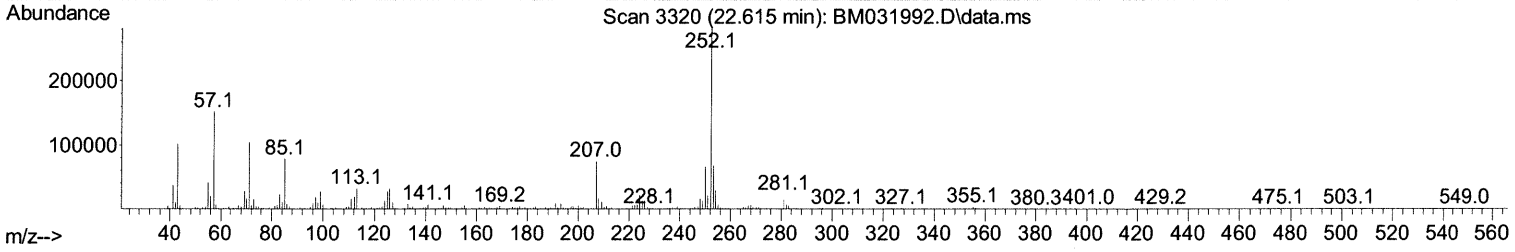

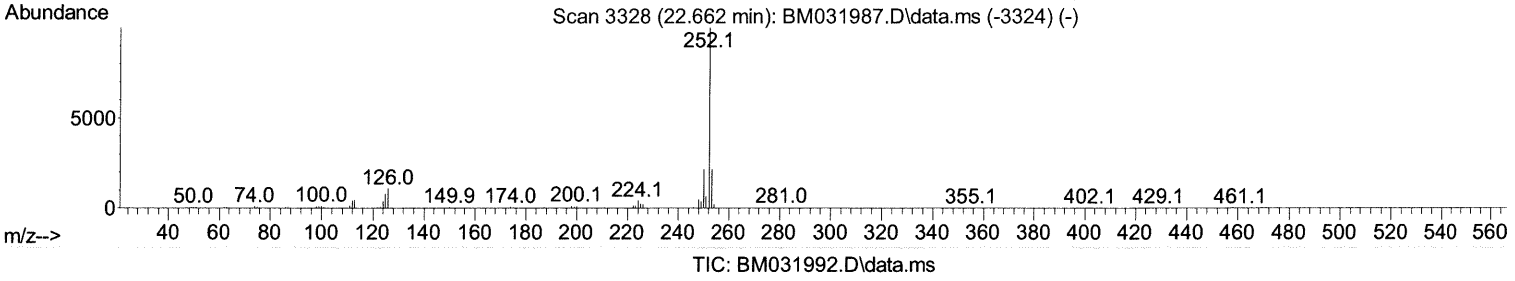

TIC: BM031992.D\data.ms

(91) Benzo(k)fluoranthene

22.615min (-0.041) 16.71 ng/ul

response 545424

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.08
125.00	9.90	9.93
0.00	0.00	0.00

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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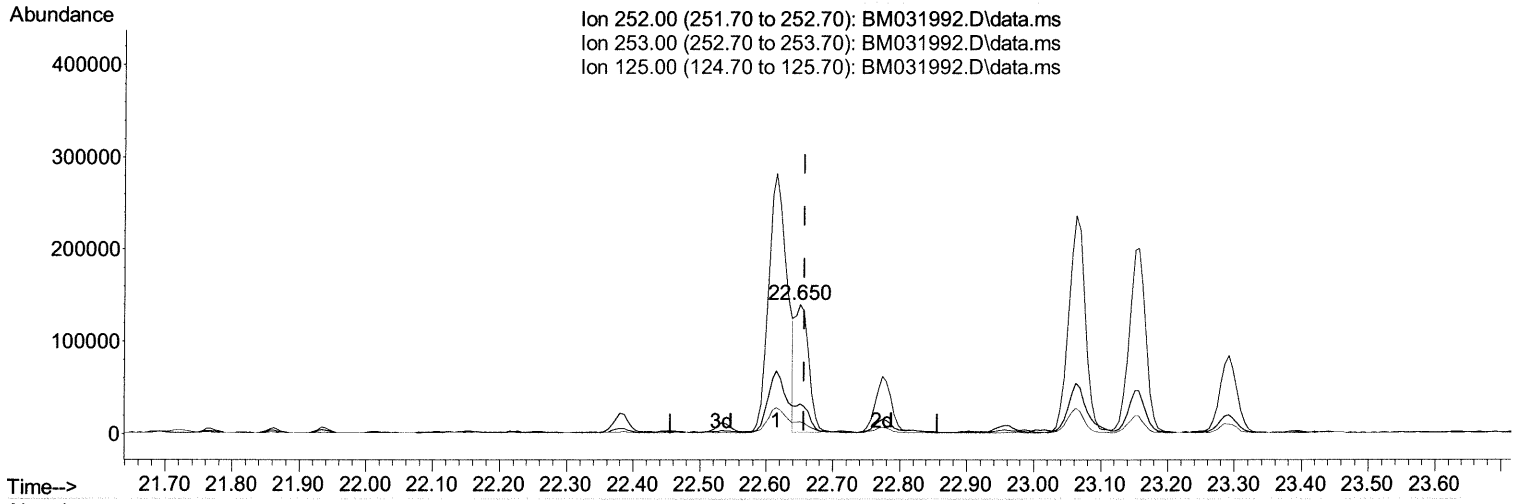

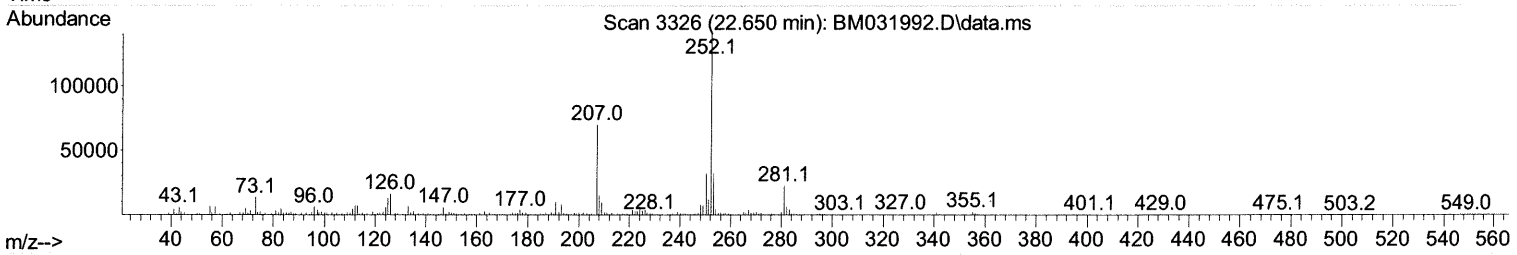

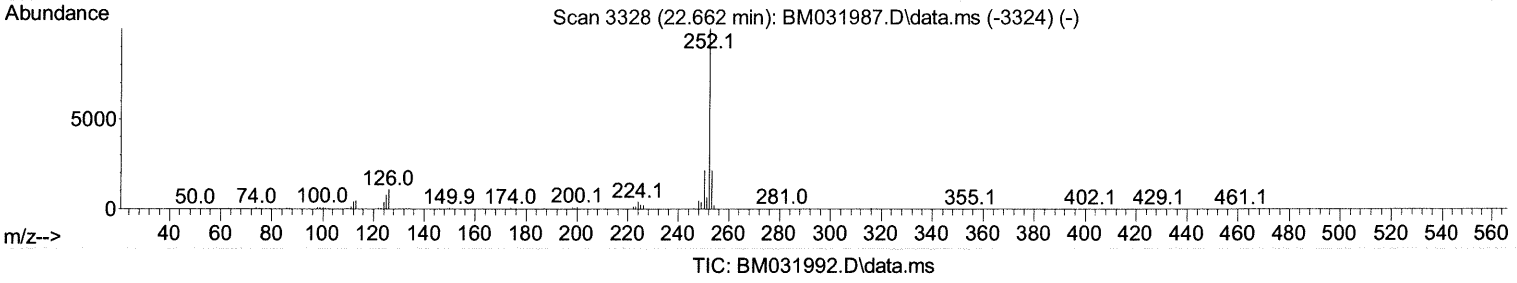

TIC: BM031992.D\data.ms

(91) Benzo(k)fluoranthene

22.650min (-0.006) 6.00 ng/ul m 09/03/21 JU

response 195844

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.19
125.00	9.90	9.14
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	99595	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	433642	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.145	164	306948	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	655954	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	618148	20.000	ng/ul	# 0.00
88) Perylene-d12	23.244	264	529109	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	7053m	3.267	ng/uL	0.00
4) Pyridine-d5	3.528	84	57793	9.428	ng/ul	0.00
7) Phenol-d5	6.698	99	151921	18.395	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	87613	18.335	ng/ul	0.00
11) 2-Chlorophenol-d4	7.045	132	127306	20.032	ng/ul	0.00
15) 4-Methylphenol-d8	8.216	113	126270	17.821	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	64710	20.545	ng/ul	0.00
24) 2-Nitrophenol-d4	9.363	143	75535	20.264	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	150281	20.095	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	148799	14.105	ng/ul	0.00
46) Dimethylphthalate-d6	13.569	166	479357	20.639	ng/ul	0.00
49) Acenaphthylene-d8	13.833	160	586879	21.336	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	59448	14.141	ng/ul	0.00
60) Fluorene-d10	15.145	176	424134	20.774	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	59922	13.295	ng/ul	0.00
73) Anthracene-d10	16.998	188	673376	21.628	ng/ul	0.00
81) Pyrene-d10	19.303	212	810240	27.984	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.109	264	610352	21.949	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.675	77	13606	3.639	ng/ul	97
30) Naphthalene	10.310	128	43162	1.988	ng/ul	98
36) 2-Methylnaphthalene	11.933	142	33072	1.932	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	25808	1.480	ng/ul	99
50) Acenaphthylene	13.863	152	62172	2.456	ng/ul	98
72) Phenanthrene	16.945	178	97037	2.709	ng/ul	100
74) Anthracene	17.033	178	181275	4.944	ng/ul	98
80) Fluoranthene	18.968	202	306546m	8.713	ng/ul	
82) Pyrene	19.333	202	400682	10.757	ng/ul	96
85) Benzo(a)anthracene	21.092	228	296827	7.720	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.039	149	51994	2.204	ng/ul	99
87) Chrysene	21.145	228	688684	18.621	ng/ul	99
90) Benzo(b)fluoranthene	22.615	252	544544	16.153	ng/ul	97
91) Benzo(k)fluoranthene	22.650	252	195844m	6.001	ng/ul	
93) Benzo(a)pyrene	23.156	252	348915	11.462	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.350	276	561440	14.410	ng/ul#	91
95) Dibenzo(a,h)anthracene	25.350	278	144510	4.410	ng/ul#	83
96) Benzo(g,h,i)perylene	25.997	276	612255	18.978	ng/ul	95

09/03/21 JU

09/03/21 JU

09/03/21 JU

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