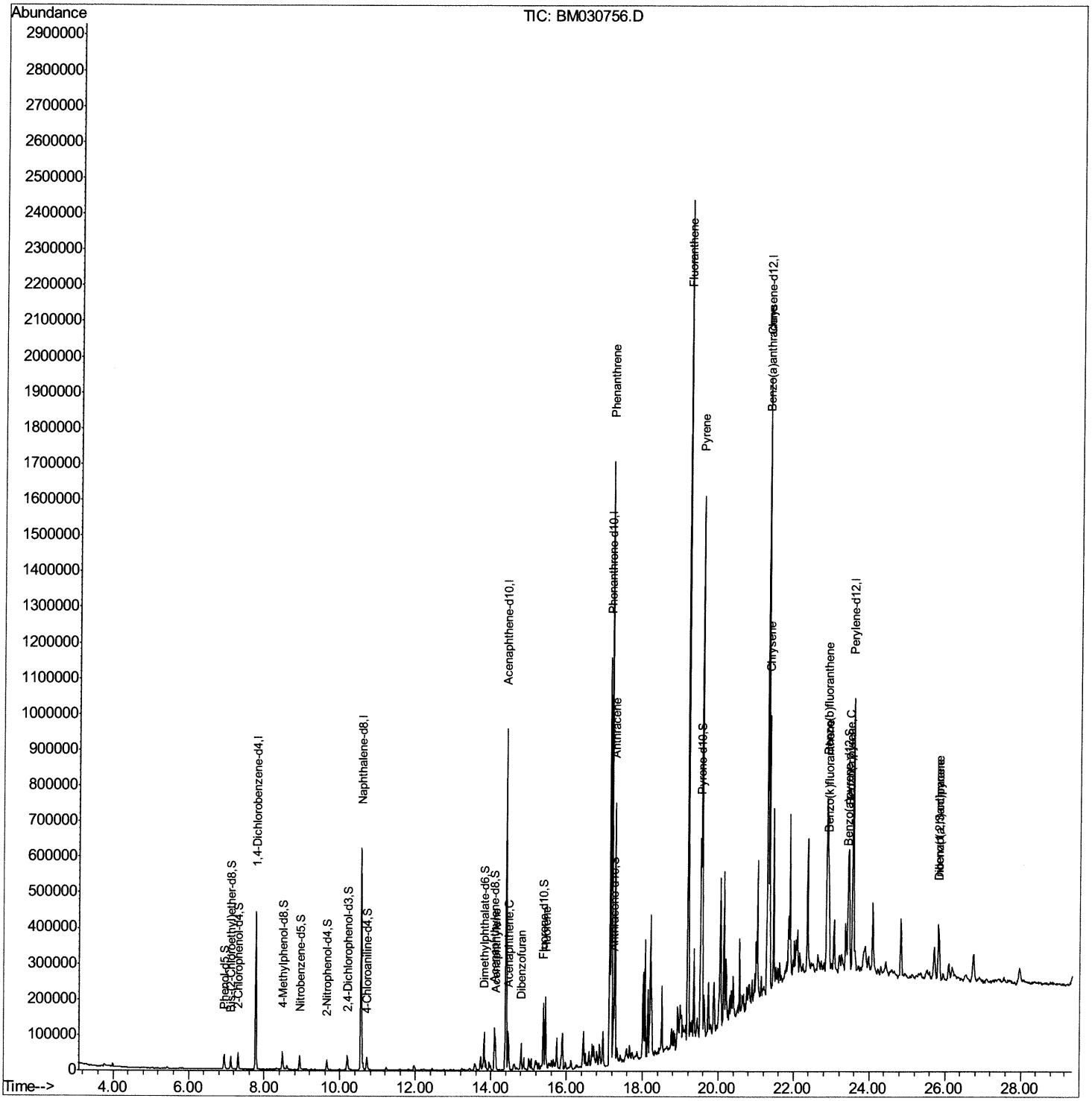
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jul 02 07:23:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

Manual Integrations APPROVED
mohammad
7/2/2021 12:03:45 PM

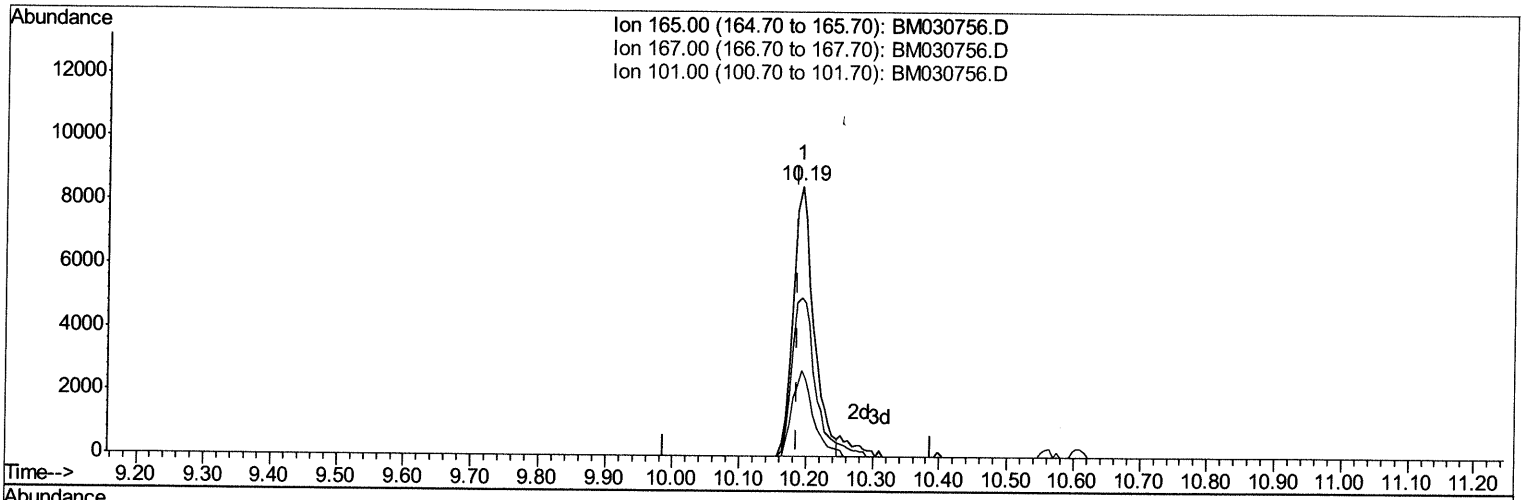


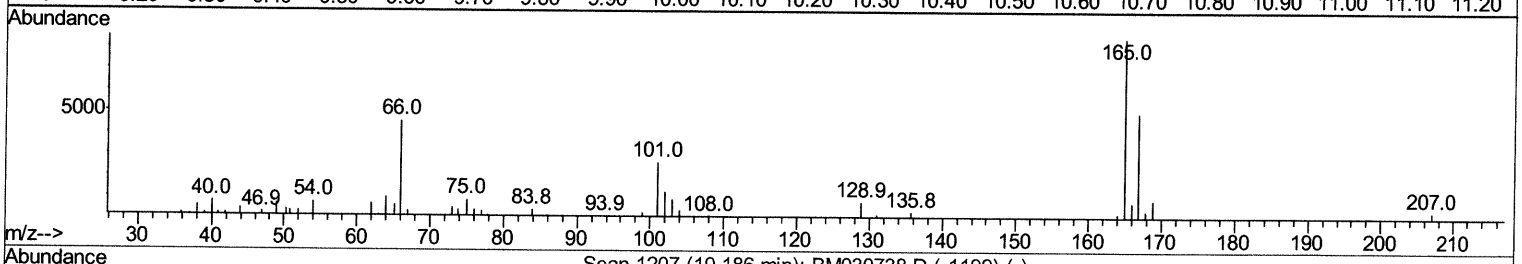
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

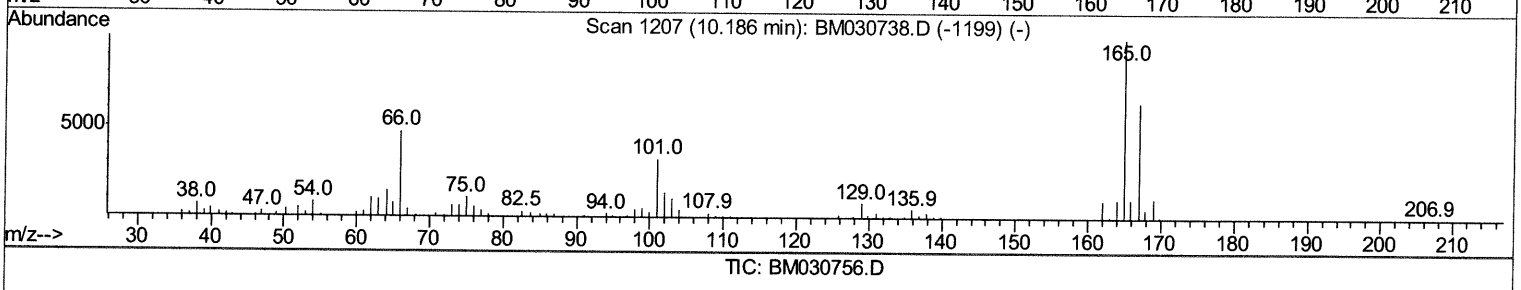
Quant Time: Jul 02 03:36:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

Manual Integrations APPROVED
mohammad
7/2/2021 12:03:45 PM







TIC: BM030756.D

(28) 2,4-Dichlorophenol-d3 (S)

10.192min (+0.006) 2.34ng/ul

response 18155

Ion	Exp%	Act%
165.00	100	100
167.00	61.40	58.76
101.00	32.90	31.72
0.00	0.00	0.00

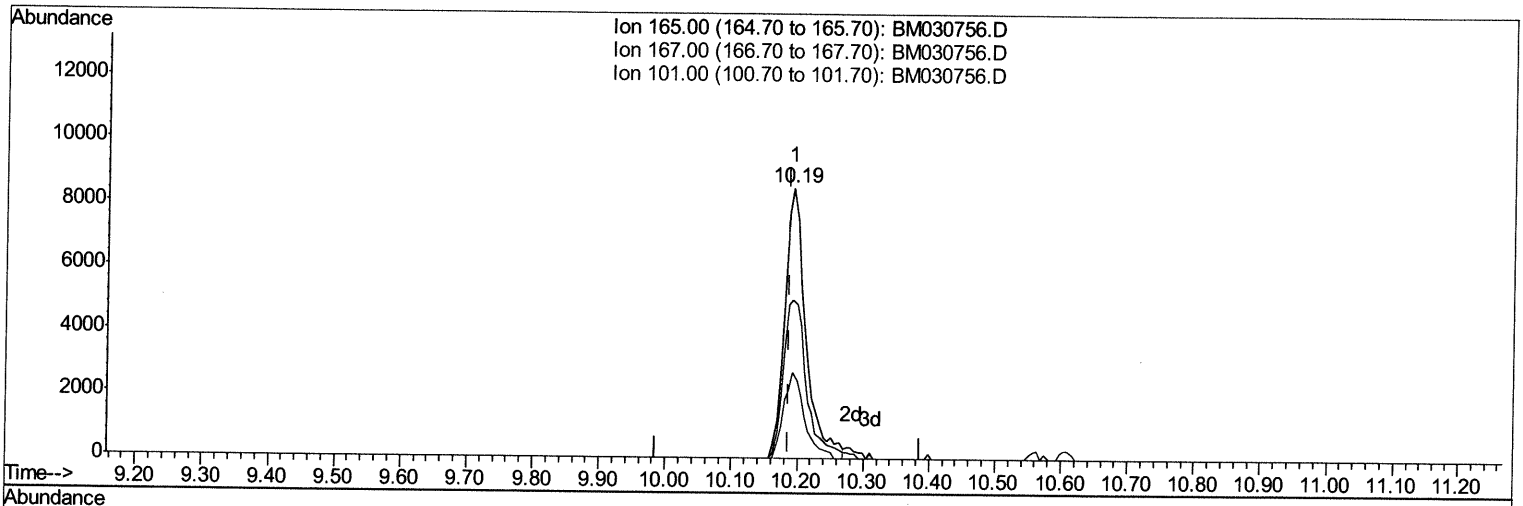
Quantitation Report (Qedit)

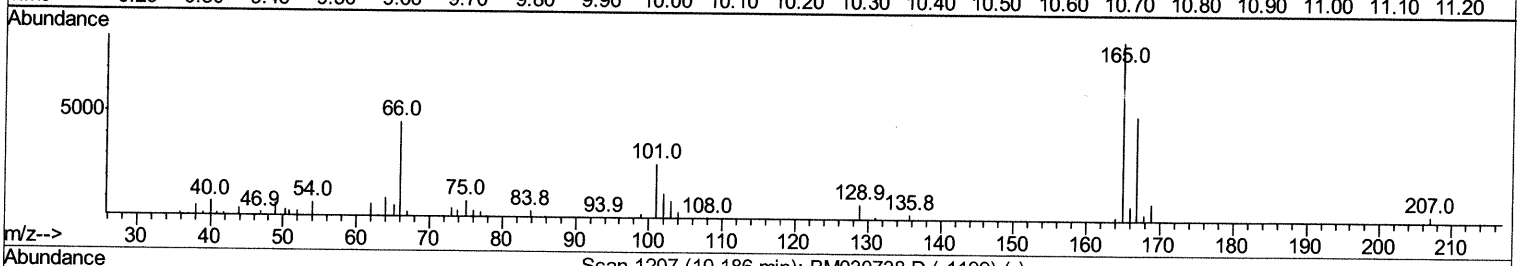
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

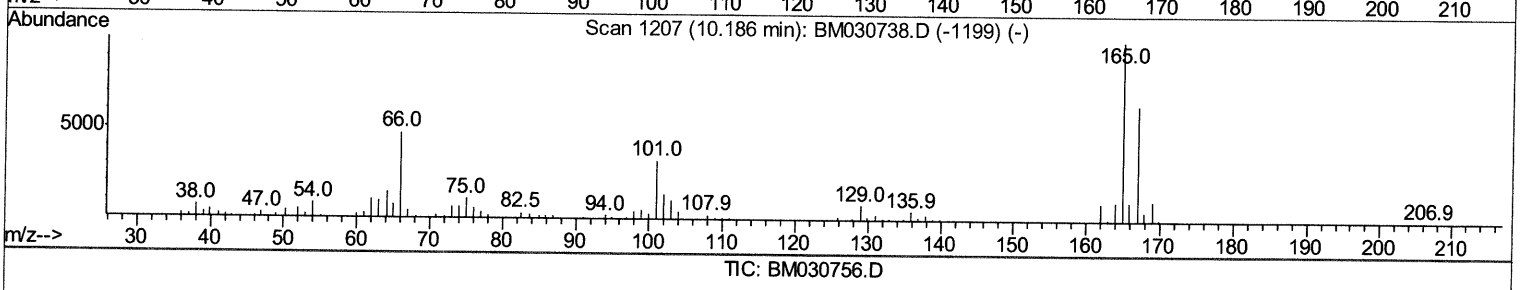
Quant Time: Jul 02 03:36:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

Manual Integrations APPROVED
mohammad
7/2/2021 12:03:45 PM







TIC: BM030756.D

(28) 2,4-Dichlorophenol-d3 (S)

10.192min (+0.006) 2.42ng/ul m

response 18828

JG 7/7/21

Ion	Exp%	Act%
165.00	100	100
167.00	61.40	58.76
101.00	32.90	31.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jul 02 03:36:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

Manual Integrations APPROVED
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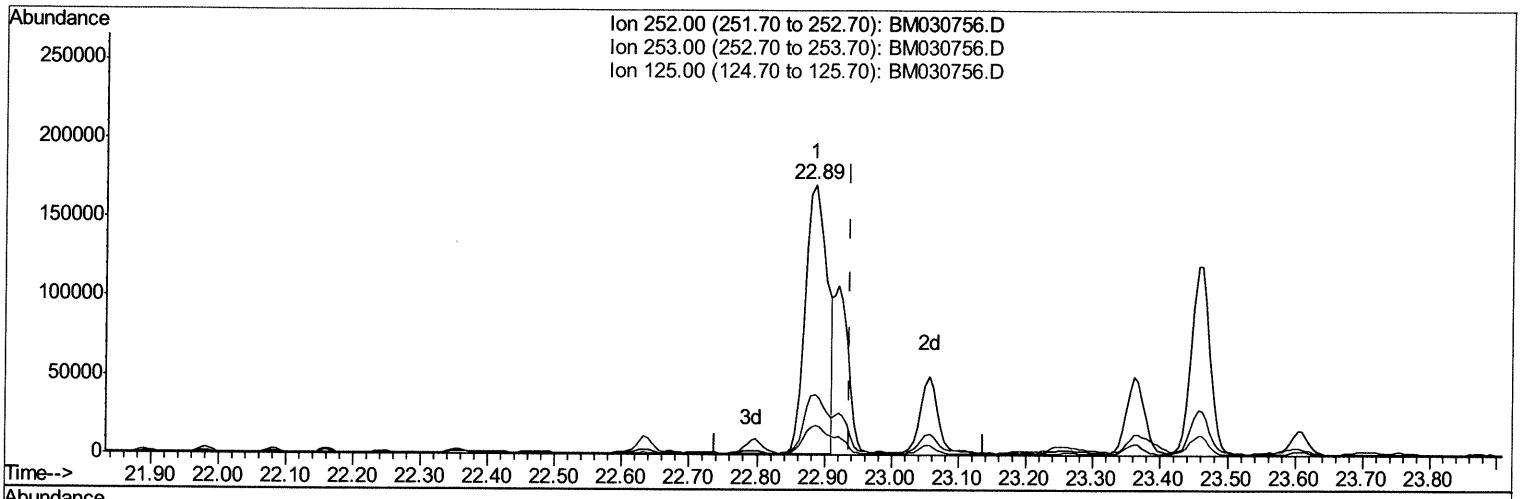
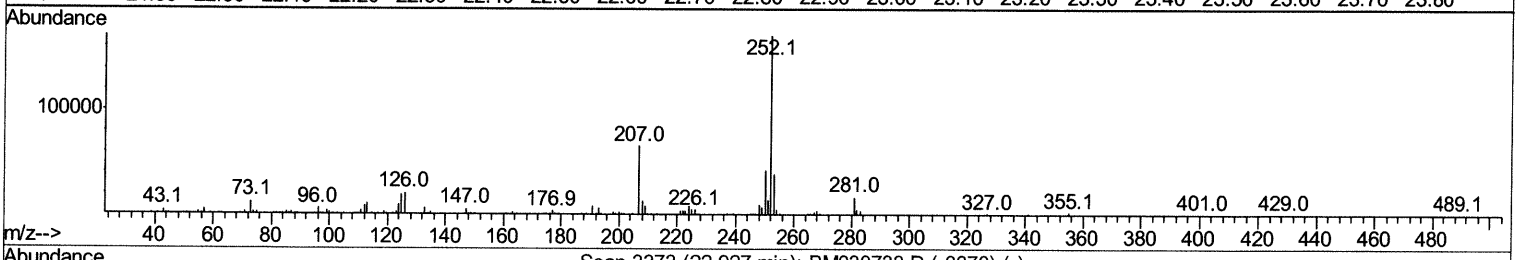
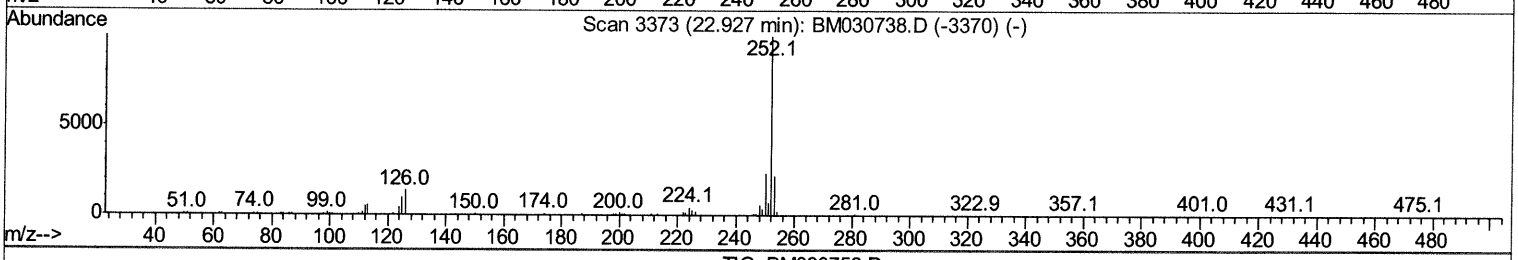






TIC: BM030756.D

(91) Benzo(k)fluoranthene

22.886min (-0.053) 11.87ng/ul

response 387356

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.40
125.00	9.90	10.88
0.00	0.00	0.00

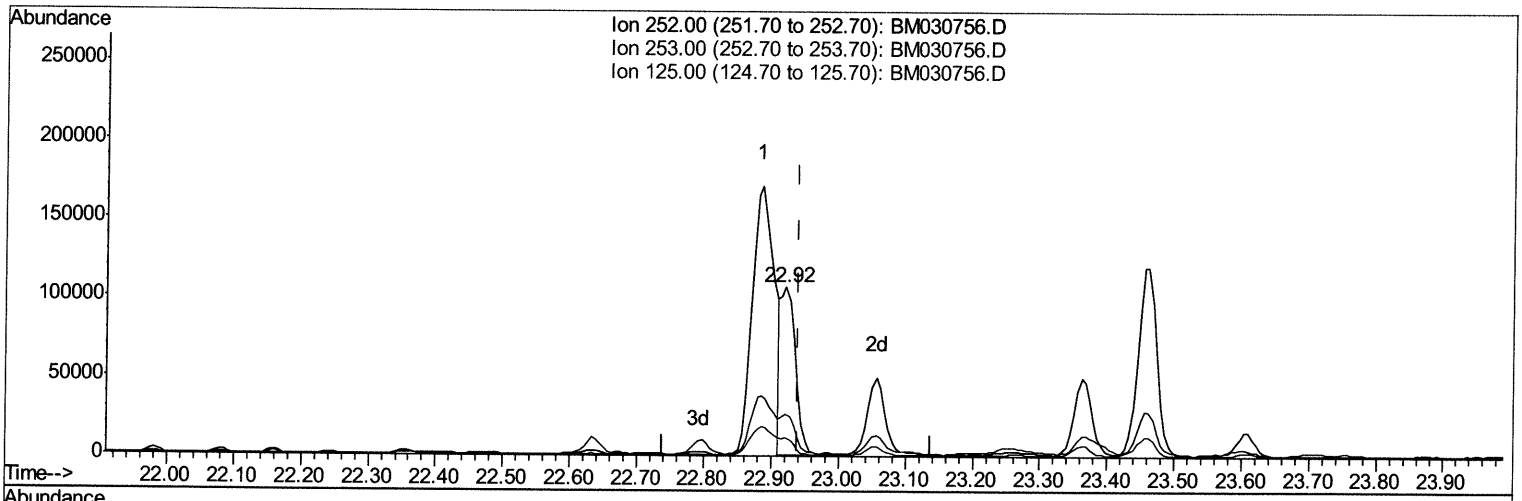
Quantitation Report (Qedit)

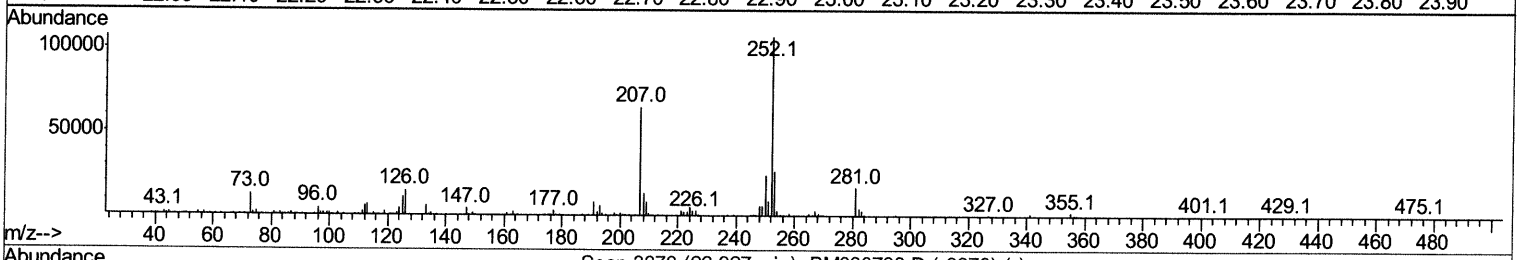
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

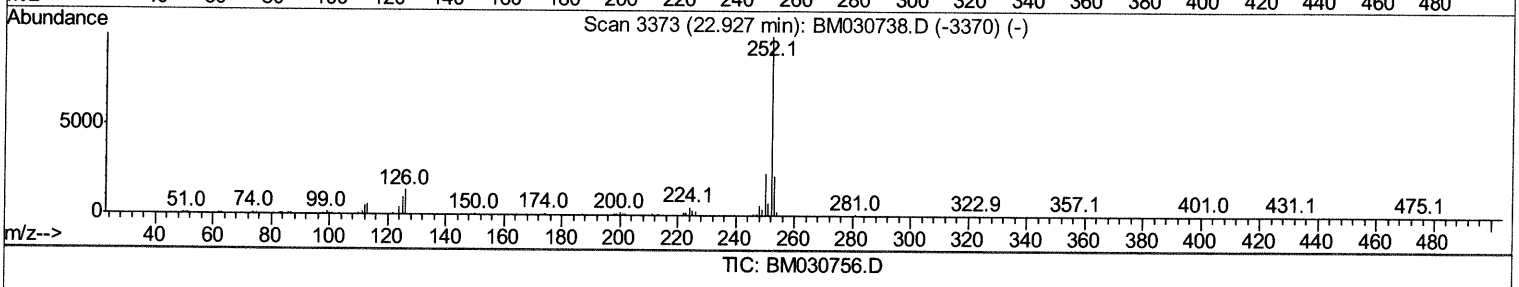
Quant Time: Jul 02 03:36:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

Manual Integrations APPROVED
mohammad
7/2/2021 12:03:45 PM







TIC: BM030756.D

(91) Benzo(k)fluoranthene

22.921min (-0.018) 4.84ng/ul m

JU 7/2/21

response 158101

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.70
125.00	9.90	10.76
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

Manual Integrations APPROVED
mohammad
7/2/2021 12:03:45 PM

Quant Time: Jul 02 07:23:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	117092	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	488854	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	315521	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	668977	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	594023	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	534913	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1889	0.65	ng/uL	0.01
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.95	99	24451	2.42	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	17946	2.83	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	20673	2.65	ng/ul	0.00
15) 4-Methylphenol-d8	8.48	113	20221	2.57	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	9254	2.54	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	8933	2.20	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	18828m	2.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.71	131	22359	2.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	70480	3.24	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	77761	2.75	ng/ul	-0.01
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.39	176	63338	3.28	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	2951	0.67	ng/ul	0.00
73) Anthracene-d10	17.24	188	101861	3.26	ng/ul	0.00
81) Pyrene-d10	19.53	212	102462	3.29	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	68019	2.45	ng/ul	-0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.12	152	55529	2.117	ng/ul	98
52) Acenaphthene	14.46	153	44059	2.314	ng/ul	98
56) Dibenzofuran	14.80	168	30229	1.139	ng/ul	94
61) Fluorene	15.45	166	80466	3.679	ng/ul	95
72) Phenanthrene	17.19	178	985933	27.444	ng/ul	99
74) Anthracene	17.27	178	430003	11.706	ng/ul	99
80) Fluoranthene	19.20	202	1370447	36.051	ng/ul	98
82) Pyrene	19.56	202	911495	22.820	ng/ul	99
85) Benzo(a)anthracene	21.29	228	518734	14.071	ng/ul	98
87) Chrysene	21.34	228	404170	11.246	ng/ul	97
90) Benzo(b)fluoranthene	22.89	252	387356	11.406	ng/ul	99
91) Benzo(k)fluoranthene	22.92	252	158101m	4.844	ng/ul	98
93) Benzo(a)pyrene	23.46	252	229404	7.512	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.83	276	138953	3.615	ng/ul	96
95) Dibenzo(a,h)anthracene	25.84	278	44143	1.385	ng/ul#	89

JG 7/2/21

JG 7/2/21

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