

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081320\

Data File : BM027098.D

Acq On : 14 Aug 2020 22:08

Operator : JU/CG

Sample : L3631-01

Misc :

ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 17 07:40:42 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Aug 13 11:47:07 2020

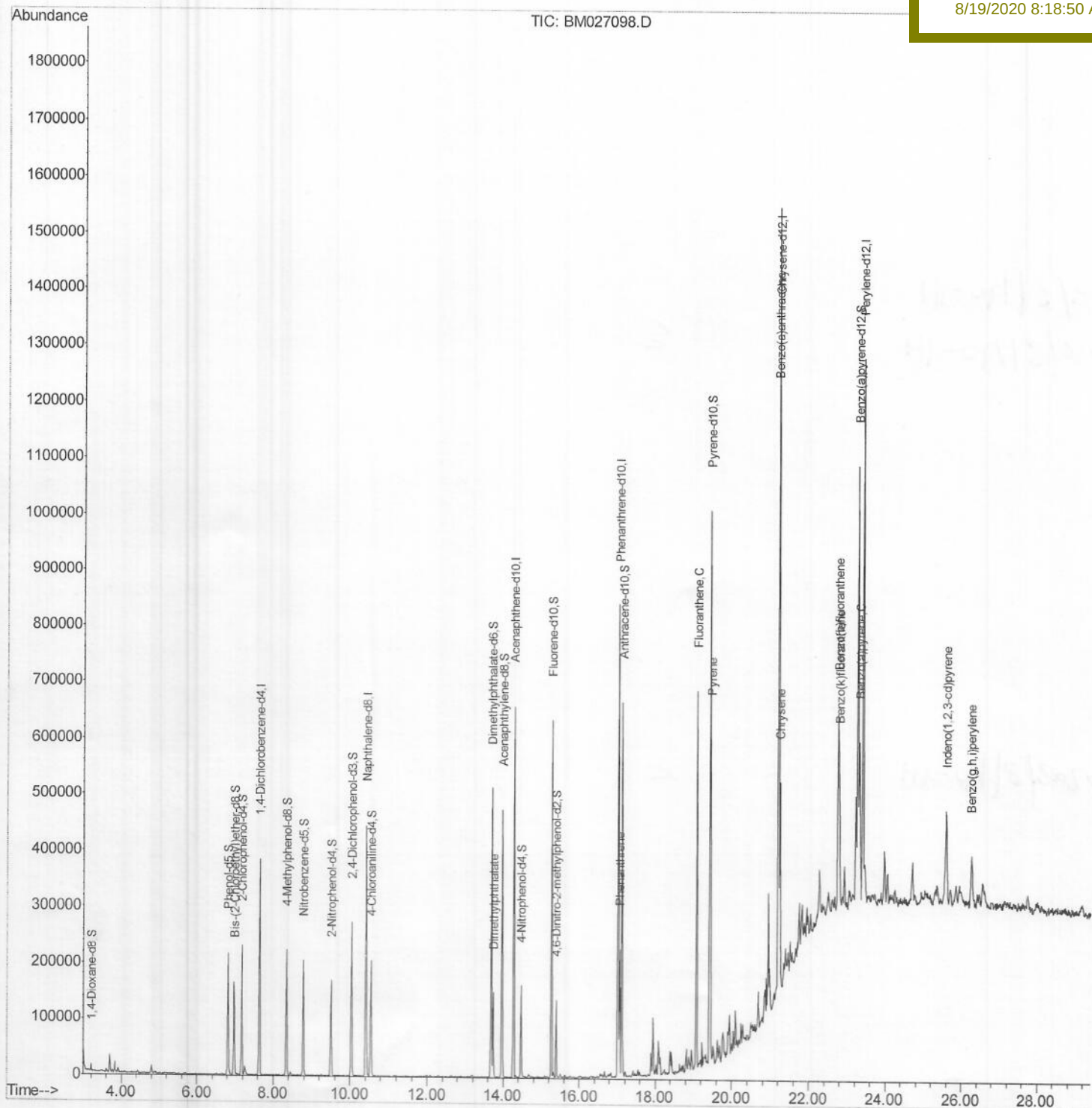
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFML7

Manual Integrations
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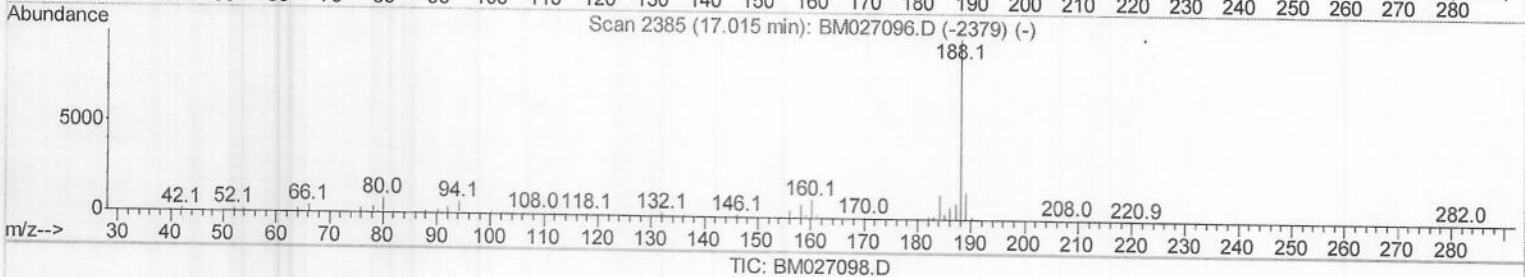
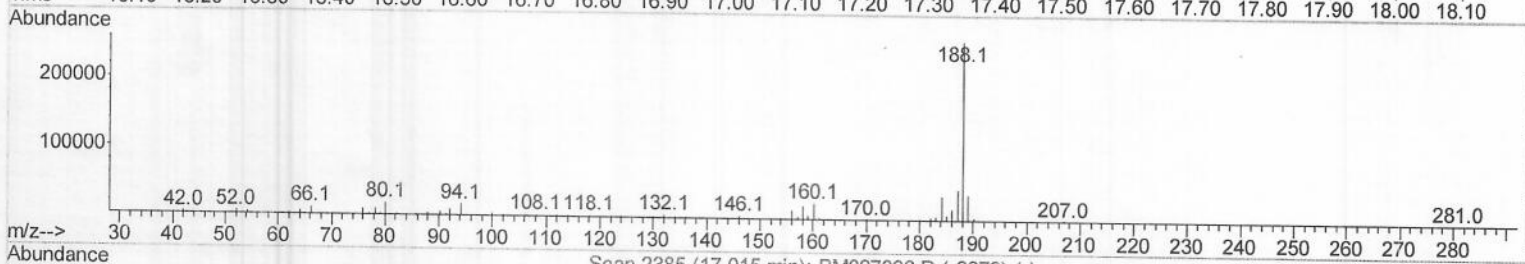
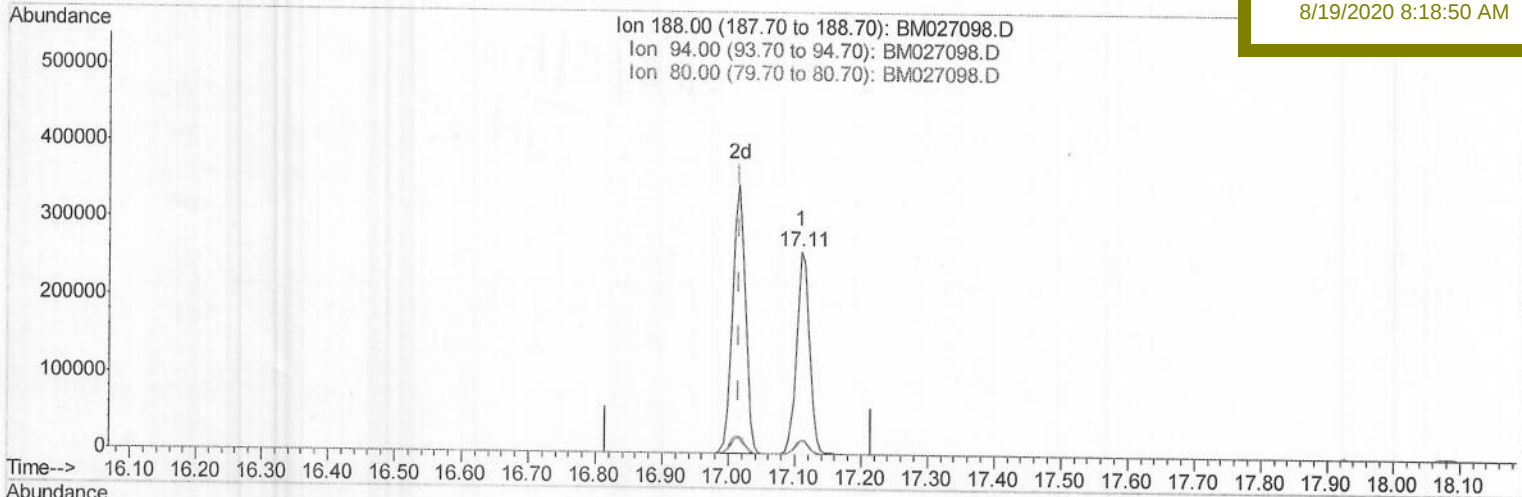
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(62) Phenanthrene-d10 (I)

17.109min (+0.094) 20.00ng/ul

response 357425

Ion	Exp%	Act%
188.00	100	100
94.00	6.20	6.87
80.00	8.30	6.94
0.00	0.00	0.00

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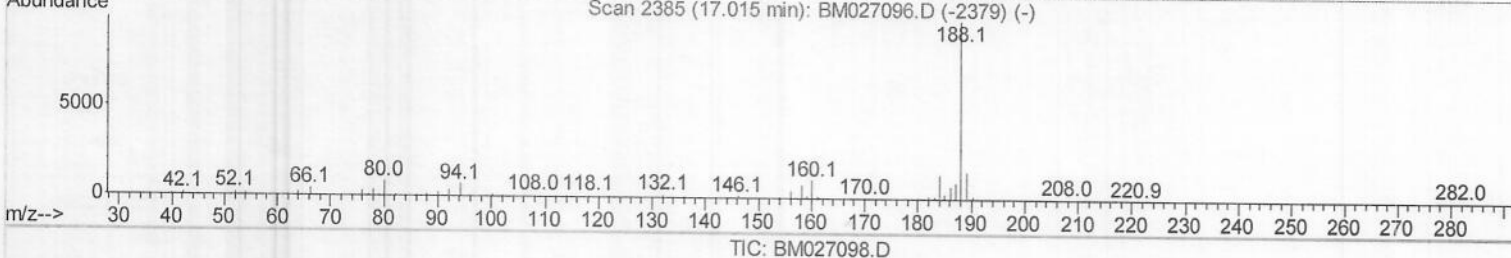
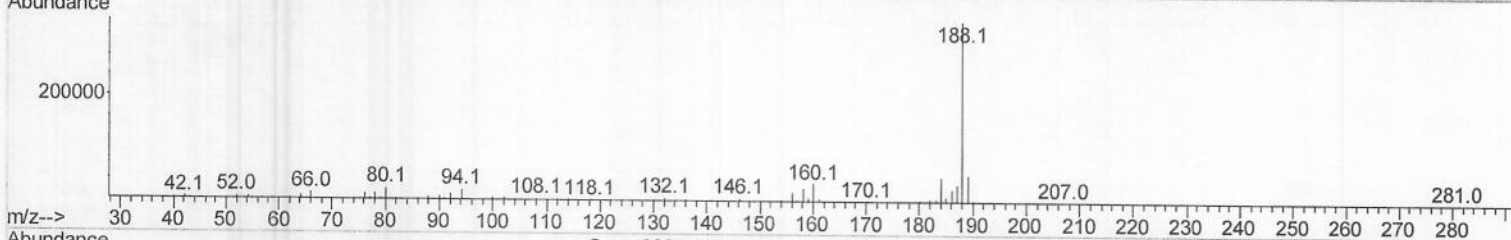
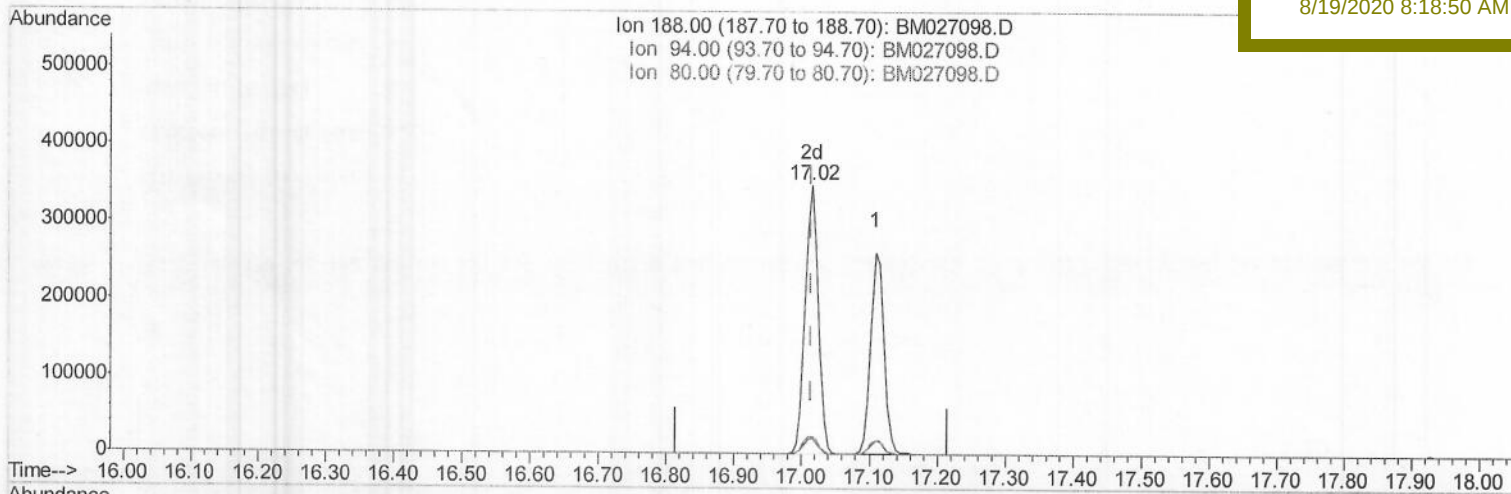
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(62) Phenanthrene-d10 (I)

17.015min (-0.000) 20.00ng/ul m 08/25/20 JV

response 470367

Ion	Exp%	Act%
188.00	100	100
94.00	6.20	5.80
80.00	8.30	6.56#
0.00	0.00	0.00

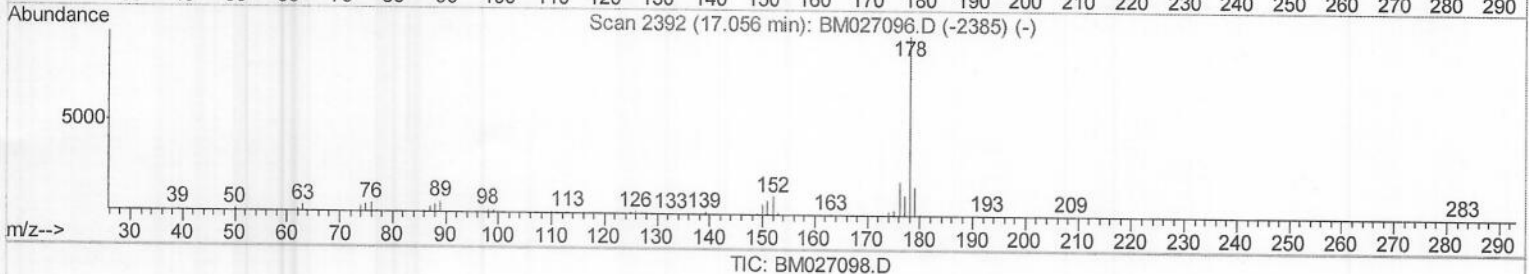
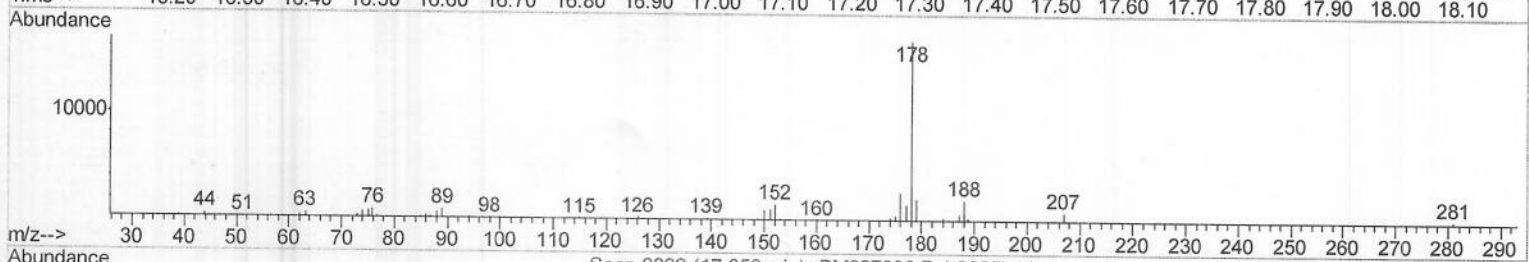
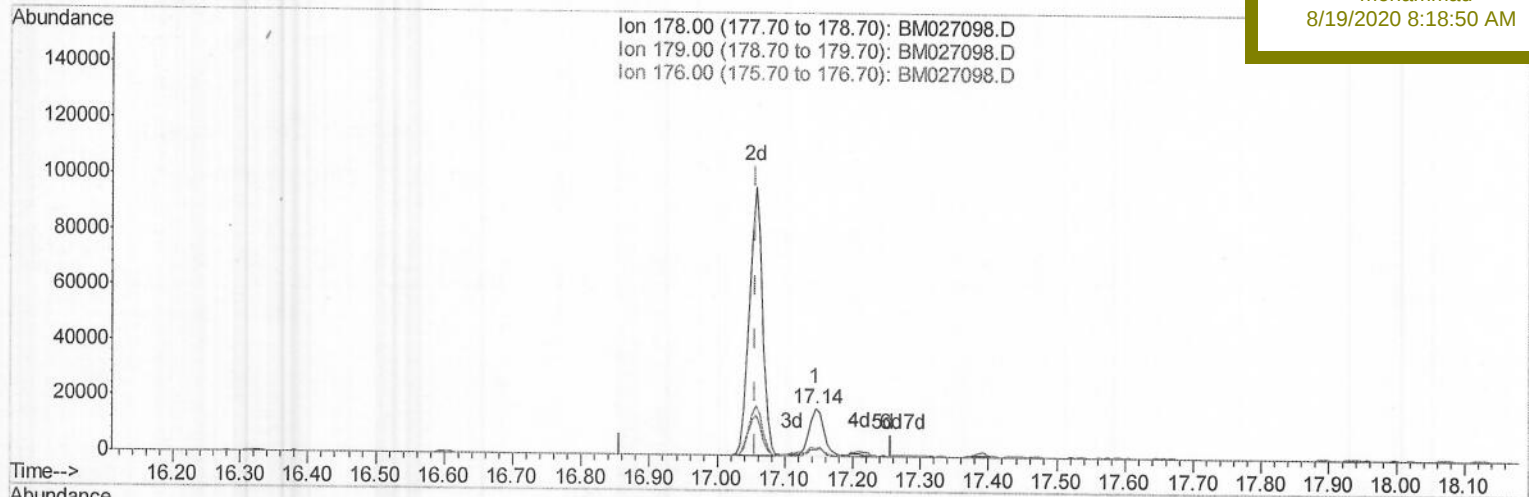
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(70) Phenanthrene
17.145min (+0.088) 1.17ng/ul
response 25017

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	13.24
176.00	18.30	16.83
0.00	0.00	0.00

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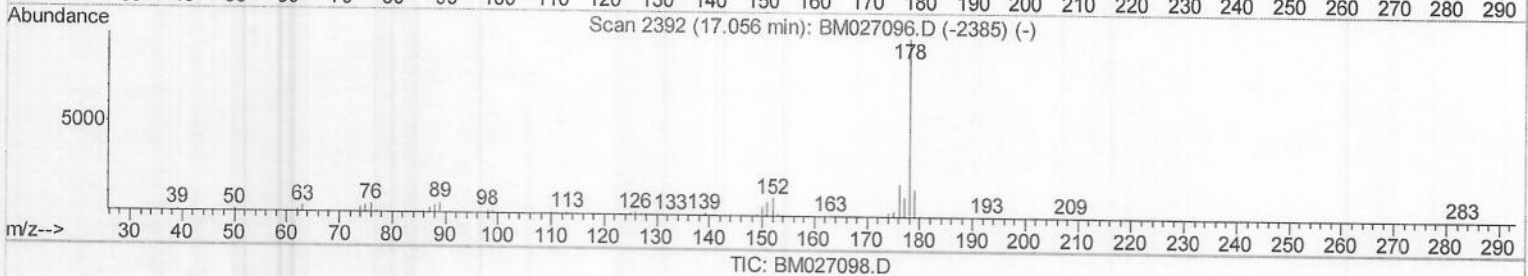
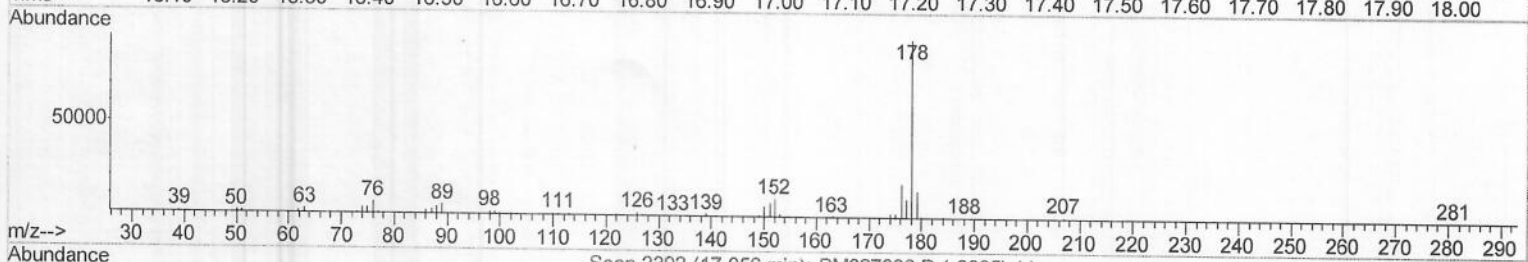
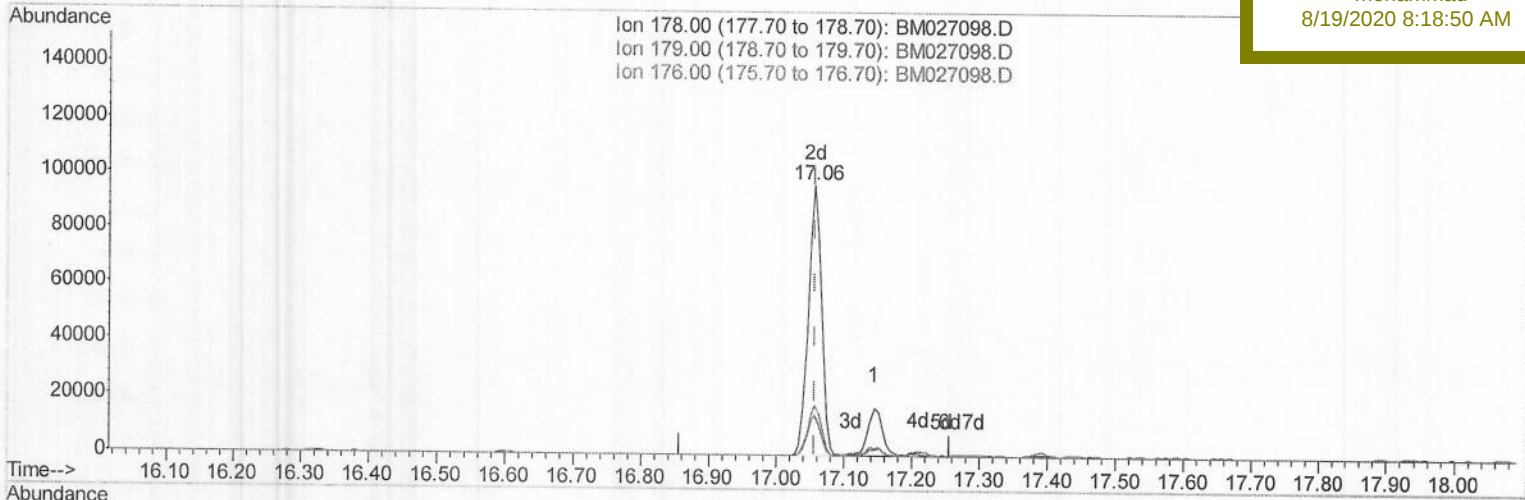
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TIC: BM027098.D

(70) Phenanthrene

17.056min (-0.000) 4.60ng/ul m>08/25/20 JU

response 129825

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	14.37
176.00	18.30	18.36
0.00	0.00	0.00

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Acq On : 14 Aug 2020 22:08

Operator : JU/CG

Sample : L3631-01

Misc :

ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 17 07:35:13 2020

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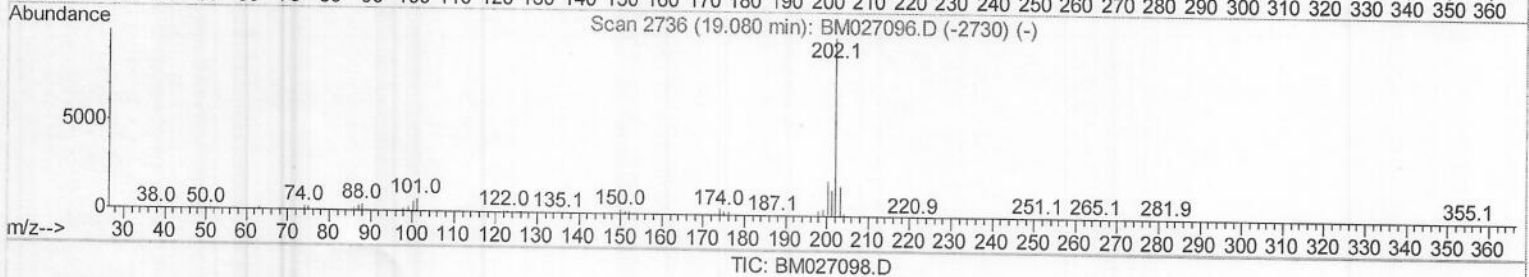
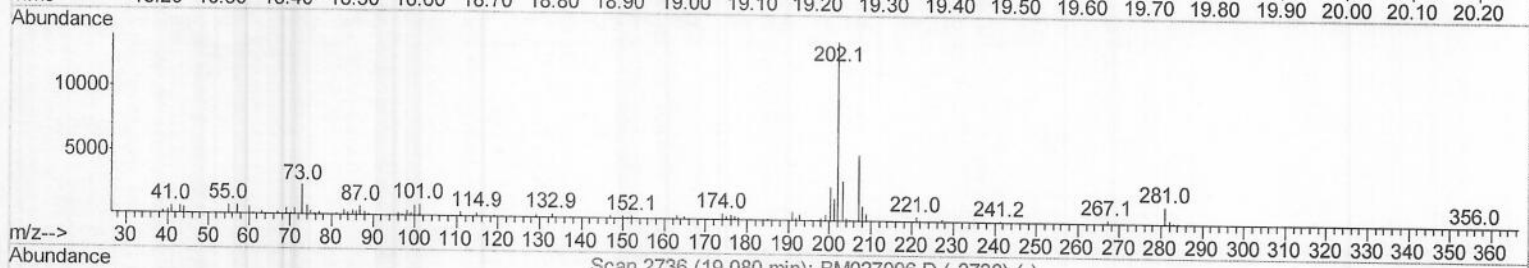
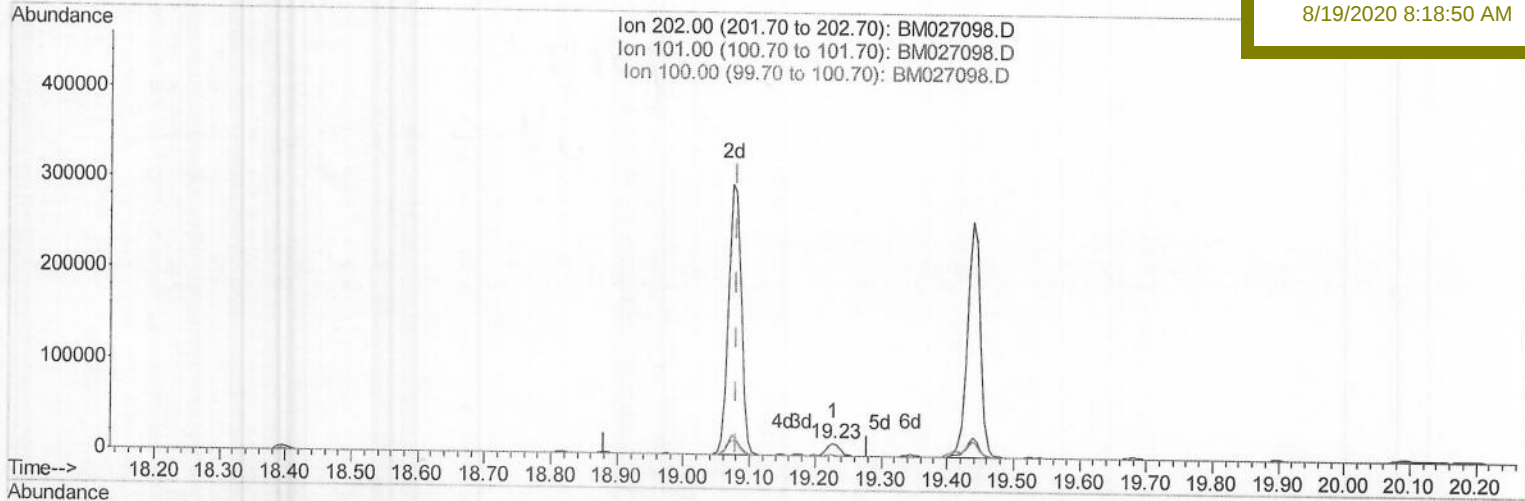
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TIC: BM027098.D

(77) Fluoranthene (C)

19.227min (+0.147) 0.53ng/ul

response 18150

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.50
100.00	6.80	6.33
0.00	0.00	0.00

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Sample : L3631-01

Misc :

ALS Vial : 44 Sample Multiplier: 1

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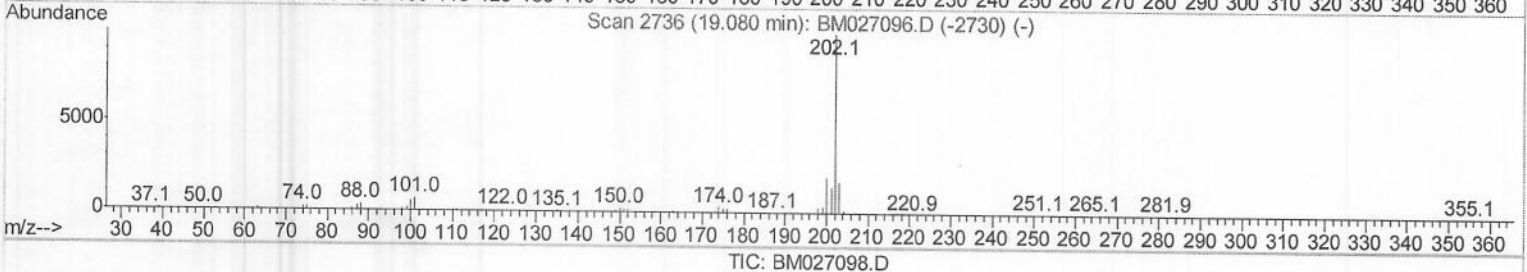
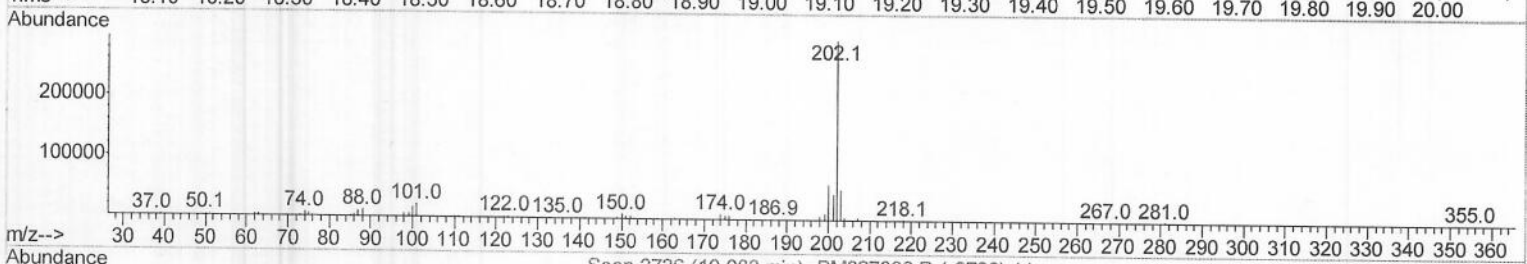
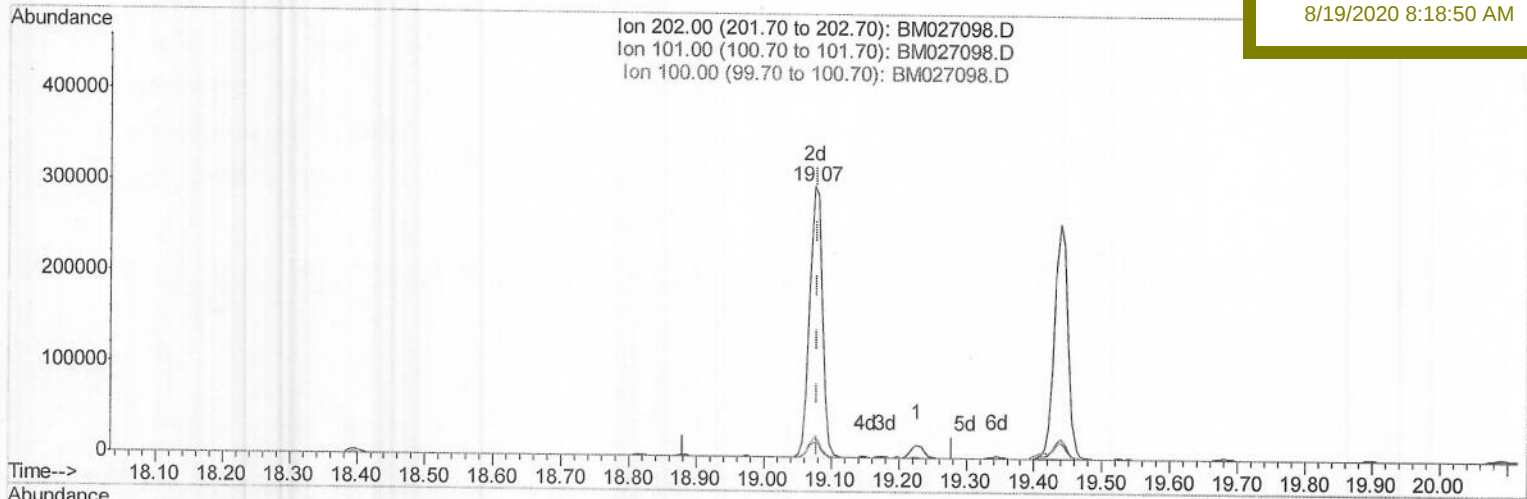
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(77) Fluoranthene (C)

19.074min (-0.006) 11.48ng/ul m> 08125120 JU

response 392515

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.30
100.00	6.80	5.63
0.00	0.00	0.00

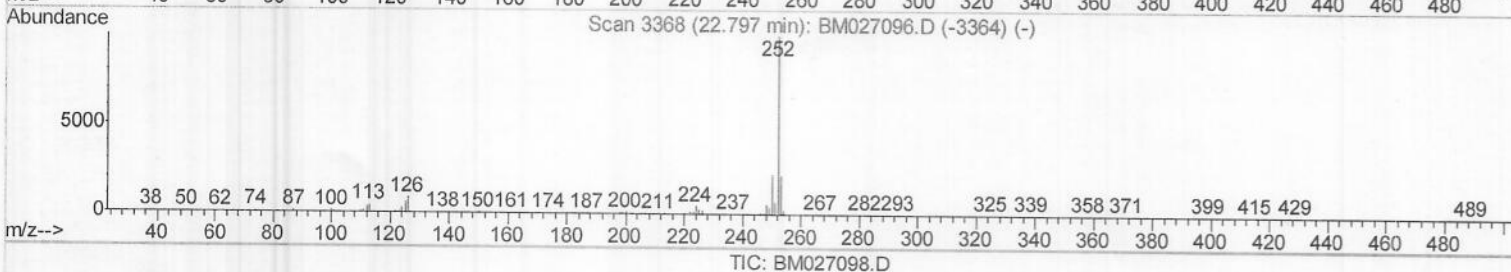
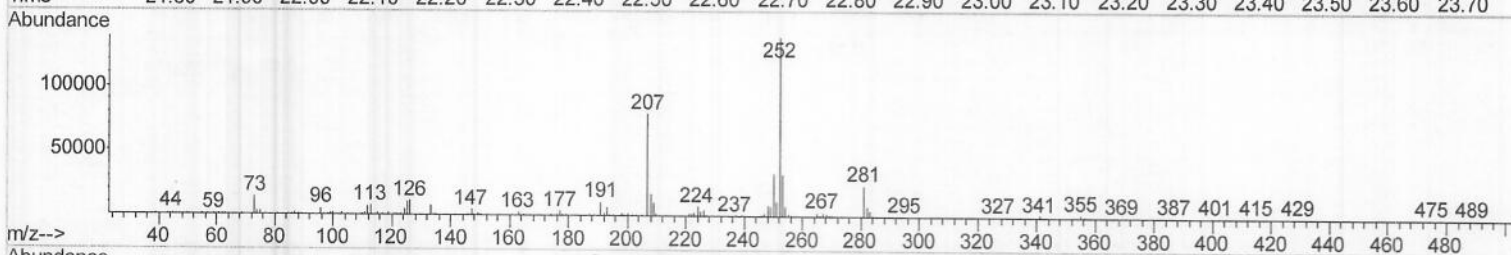
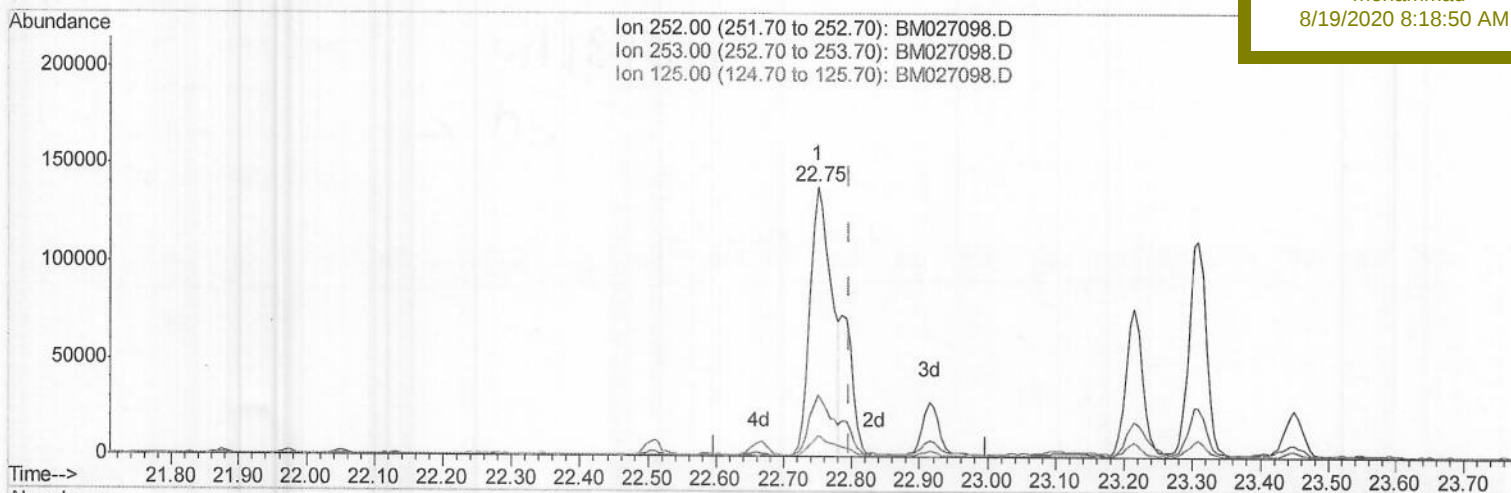
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(89) Benzo(k)fluoranthene

22.750min (-0.047) 6.63ng/ul

response 305774

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.18
125.00	6.90	7.71
0.00	0.00	0.00

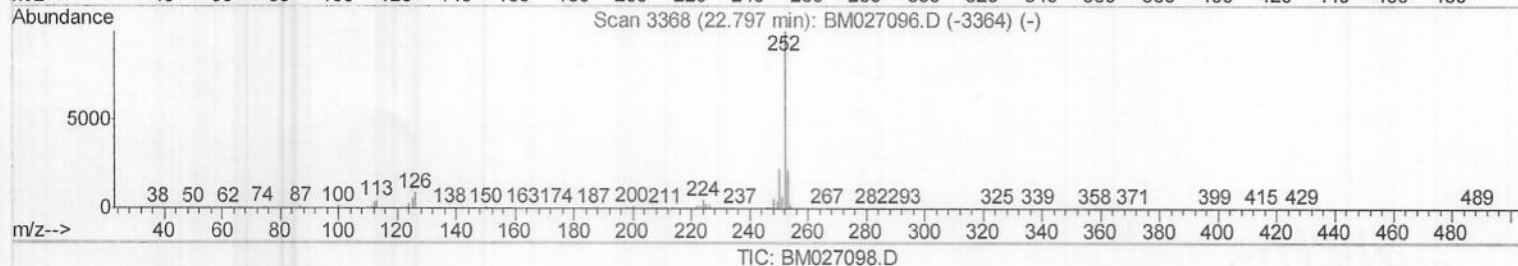
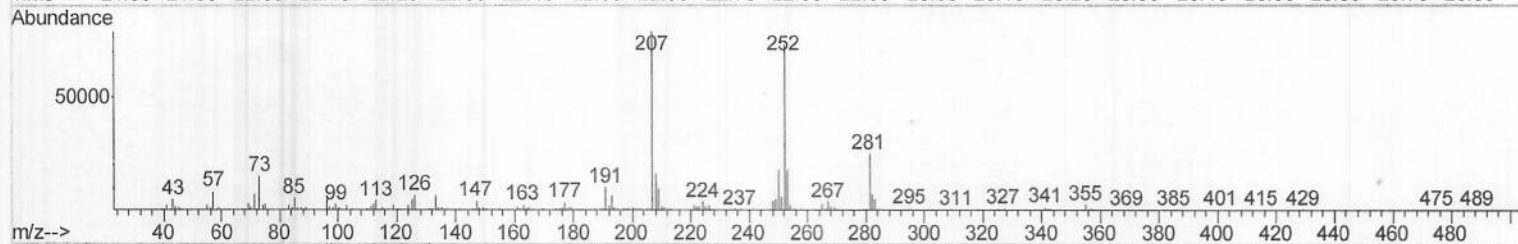
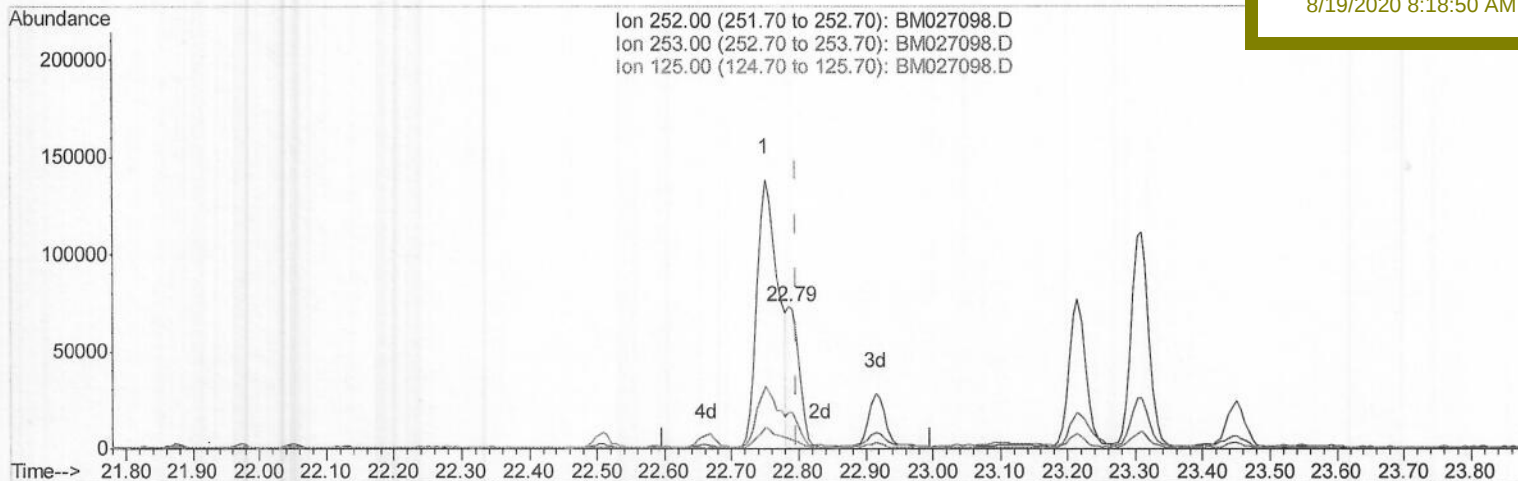
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(89) Benzo(k)fluoranthene

22.786min (-0.012) 1.96ng/ul m > 08/25/20 JU

response 90155

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.82
125.00	6.90	6.87
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	7.64	152	94702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	332502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	212654	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	470367m)	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	603657	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	669840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	5206	2.50	ng/ul	0.00
5) Phenol-d5	6.82	99	99491	13.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	75535	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	82668	14.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	70875	12.35	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	40456	15.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	41913	15.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	87287	15.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	91117	13.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	295229	17.41	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	309367	15.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	30477	10.65	ng/ul	0.00
58) Fluorene-d10	15.27	176	236935	16.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	27102	10.55	ng/ul	0.00
71) Anthracene-d10	17.11	188	357130	15.41	ng/ul	0.00
79) Pyrene-d10	19.41	212	433957	14.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	562050	15.03	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.73	163	83474	4.697	ng/ul	100
70) Phenanthrene	17.06	178	129825m}	4.604	ng/ul	
77) Fluoranthene	19.07	202	392515m}	11.479	ng/ul	
80) Pvrene	19.44	202	360376	8.795	ng/ul	96
83) Benzo(a)anthracene	21.19	228	215167	5.295	ng/ul	94
85) Chrysene	21.24	228	198115	4.967	ng/ul	97
88) Benzo(b)fluoranthene	22.75	252	305774	6.574	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	90155m)	1.956	ng/ul	
91) Benzo(a)pvrene	23.31	252	197941	4.676	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.59	276	143615	2.633	ng/ul	95
94) Benzo(g,h,i)perylene	26.26	276	106548	2.365	ng/ul	96

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