

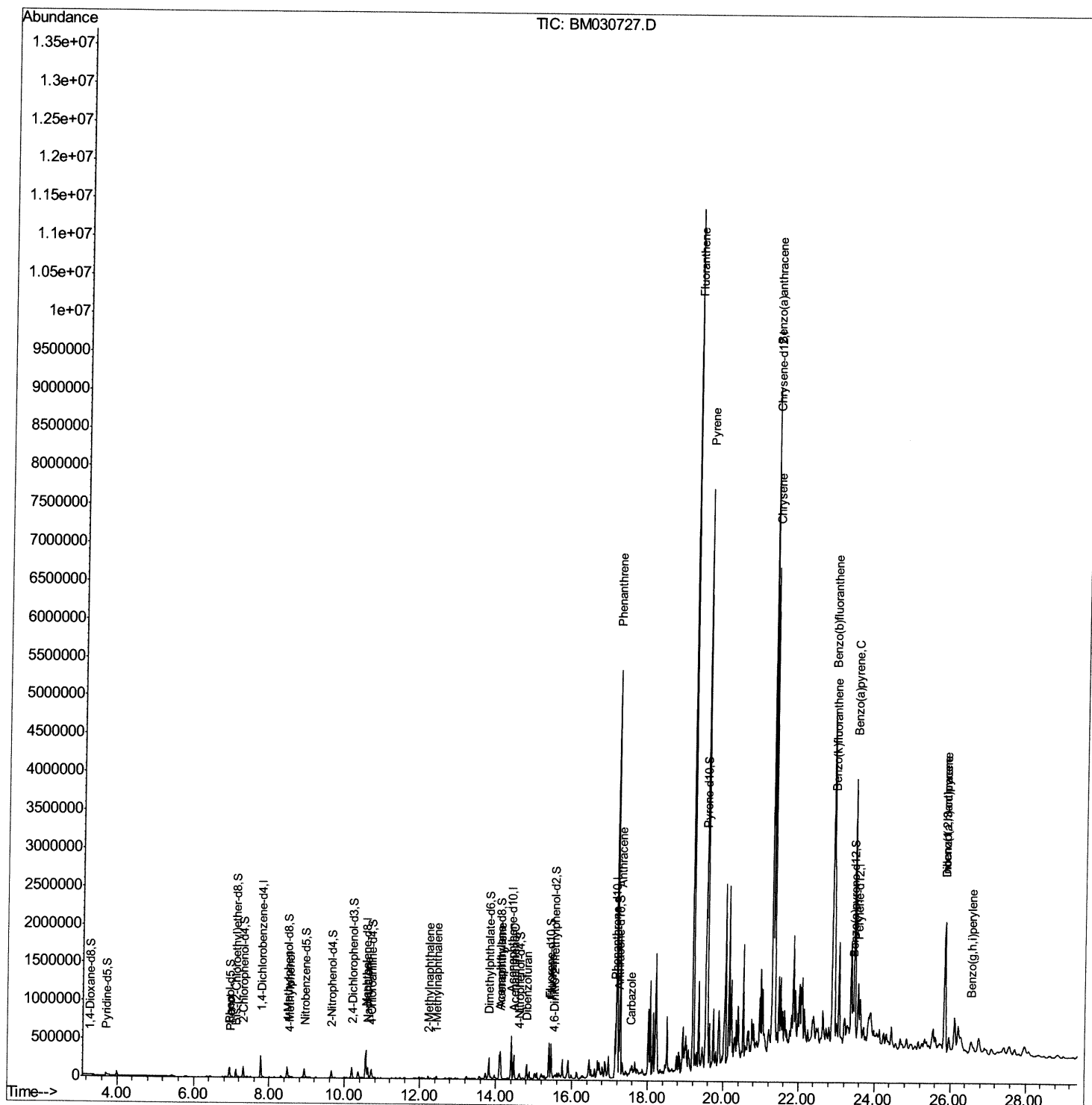
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030727.D
Acq On : 01 Jul 2021 05:14
Operator : CG/JU
Sample : M2808-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX3

Manual Integrations
APPROVED

mohammad
7/1/2021 2:55:53 PM

Quant Time: Jul 01 06:10:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:23:53 2021
Response via : Initial Calibration



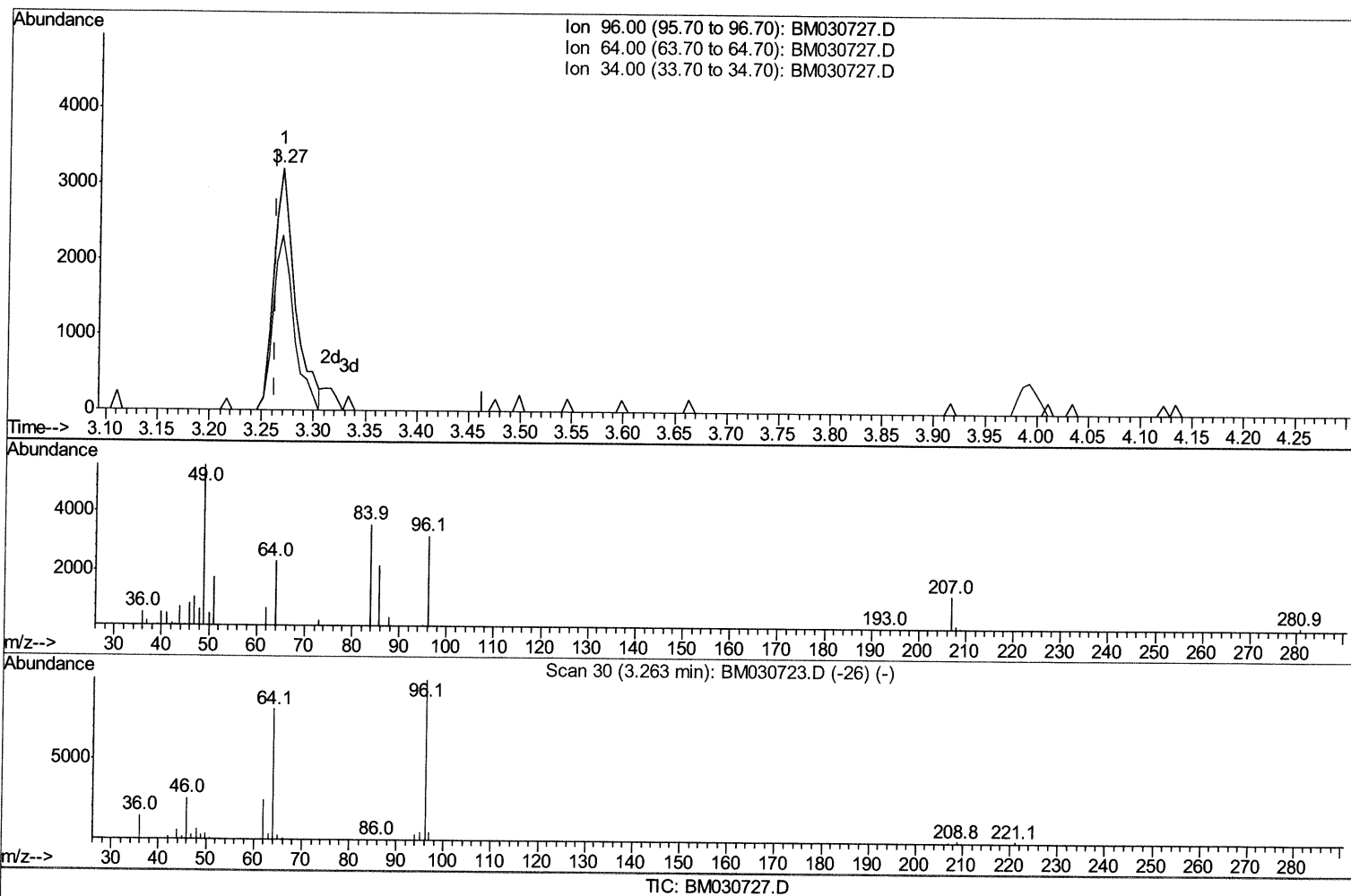
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Quant Time: Jul 01 05:55:41 2021
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(3) 1,4-Dioxane-d8 (S)

3.269min (+0.006) 2.40ng/uL

response 4487

Ion	Exp%	Act%
96.00	100	100
64.00	80.00	72.50
34.00	0.00	0.00
0.00	0.00	0.00

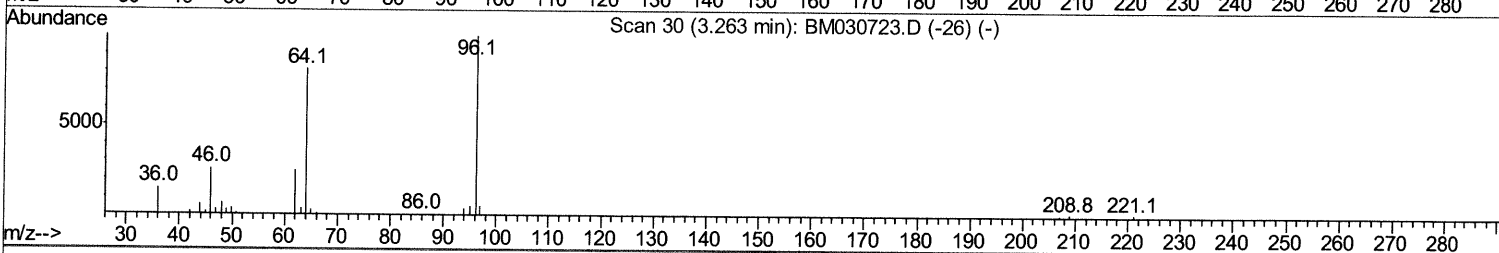
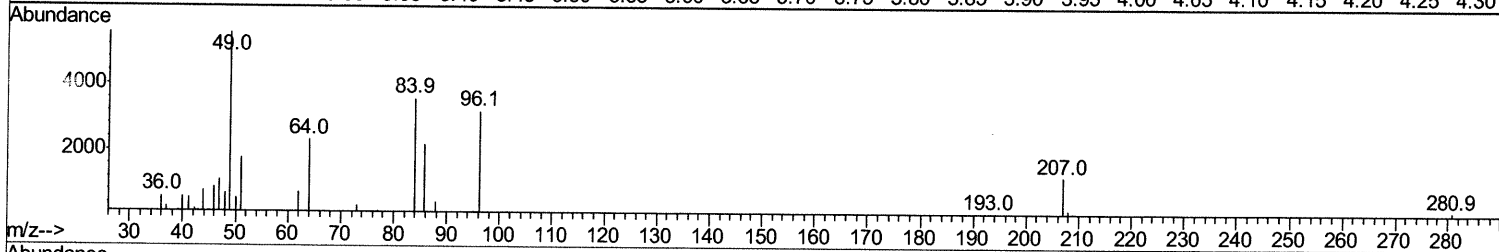
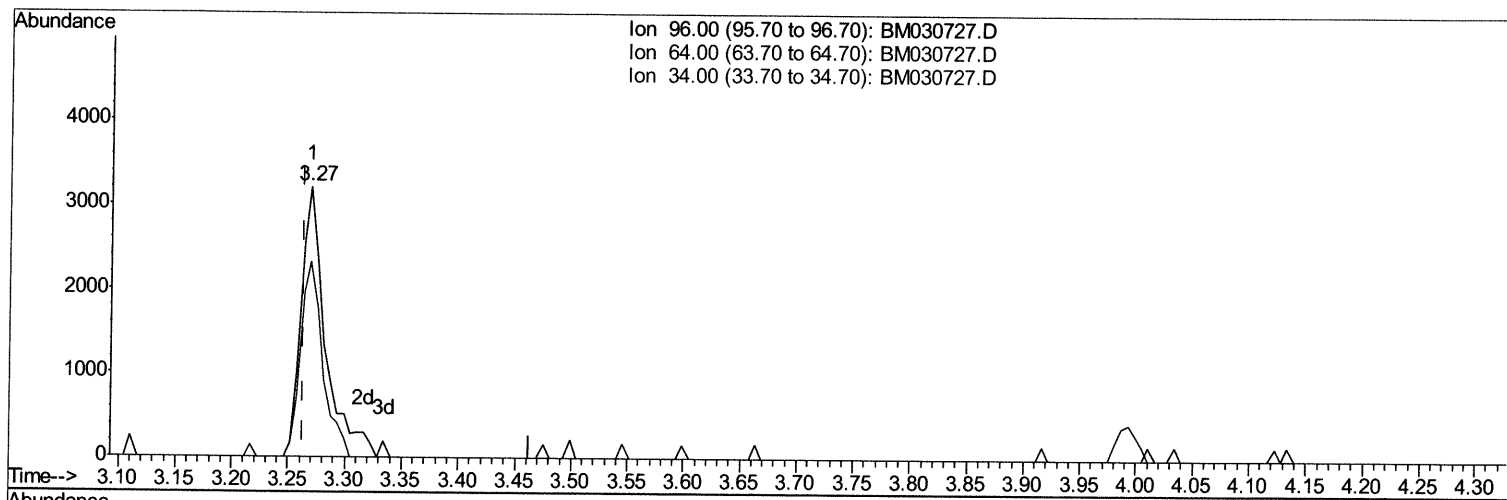
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TIC: BM030727.D

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

3.269min (+0.006) 2.54ng/uL m 07/07/21 JU

response 4757

Ion	Exp%	Act%
96.00	100	100
64.00	80.00	72.50
34.00	0.00	0.00
0.00	0.00	0.00

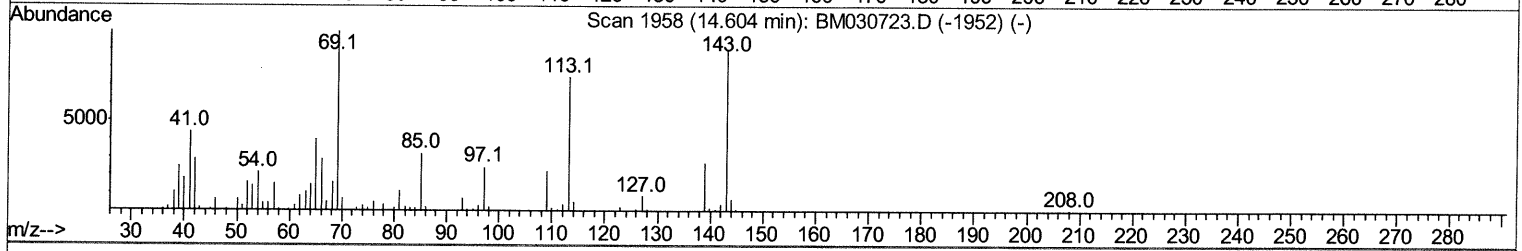
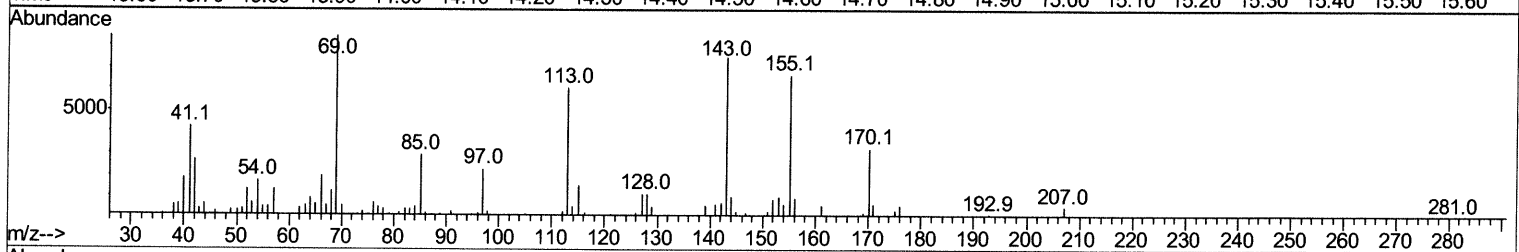
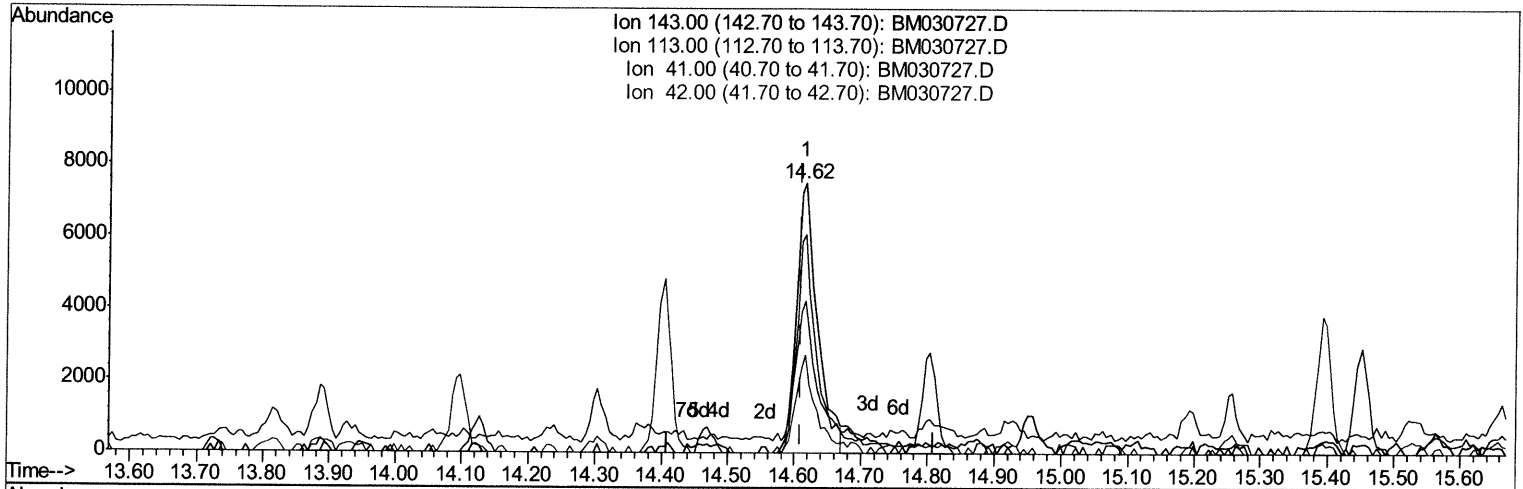
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Quant Time: Jul 01 06:08:02 2021
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TIC: BM030727.D

(54) 4-Nitrophenol-d4 (S)

14.616min (+0.006) 6.95ng/ul

response 16530

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	80.91
41.00	44.10	56.46#
42.00	30.20	36.45#

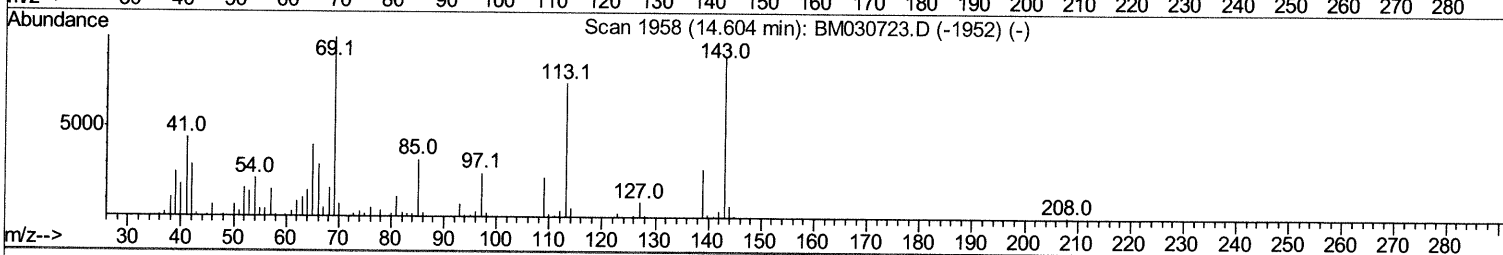
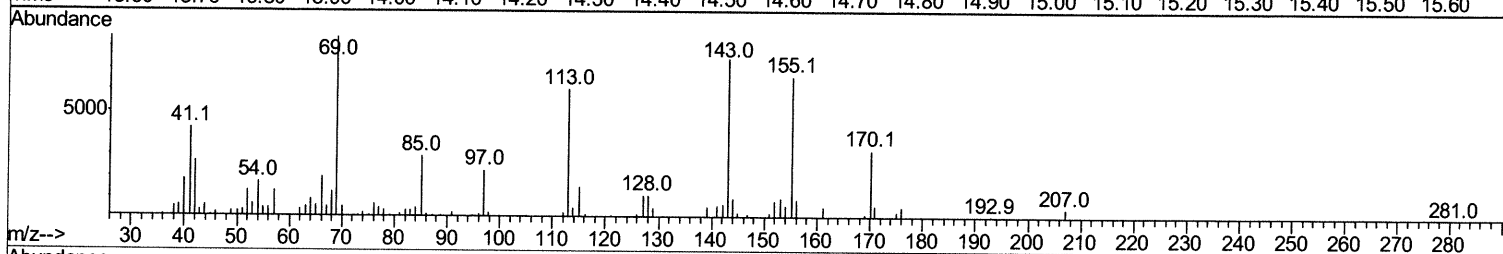
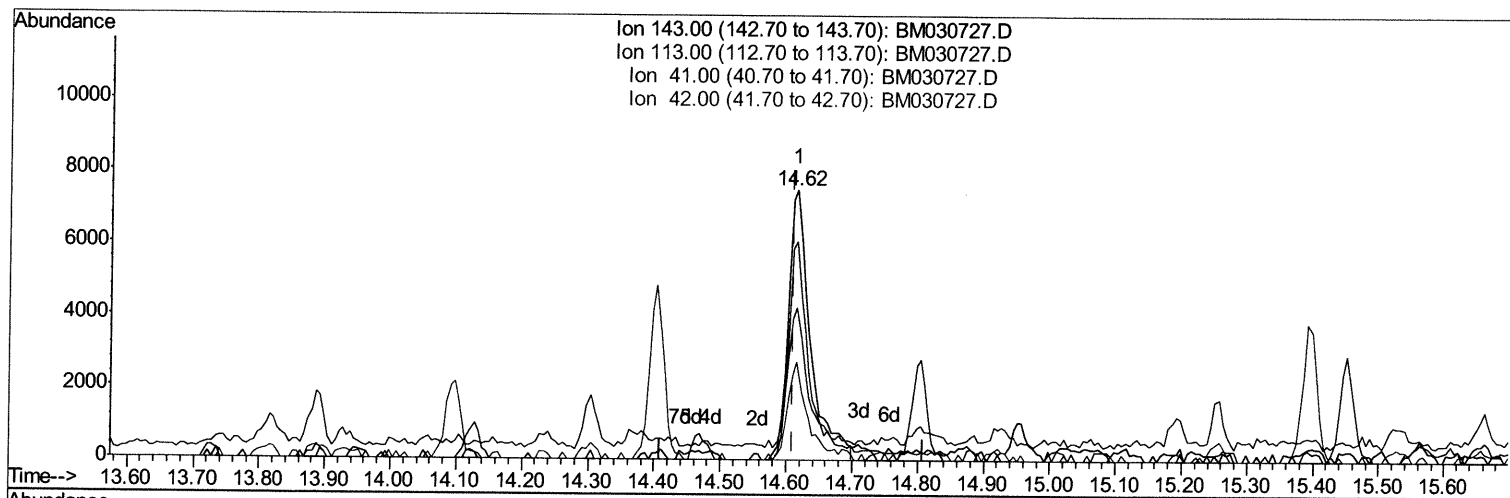
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030727.D
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Operator : CG/JU
Sample : M2808-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



TIC: BM030727.D

(54) 4-Nitrophenol-d4 (S)

14.616min (+0.006) 7.40ng/ul m 07/07/21 JU

response 17585

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	80.91
41.00	44.10	56.46#
42.00	30.20	36.45#

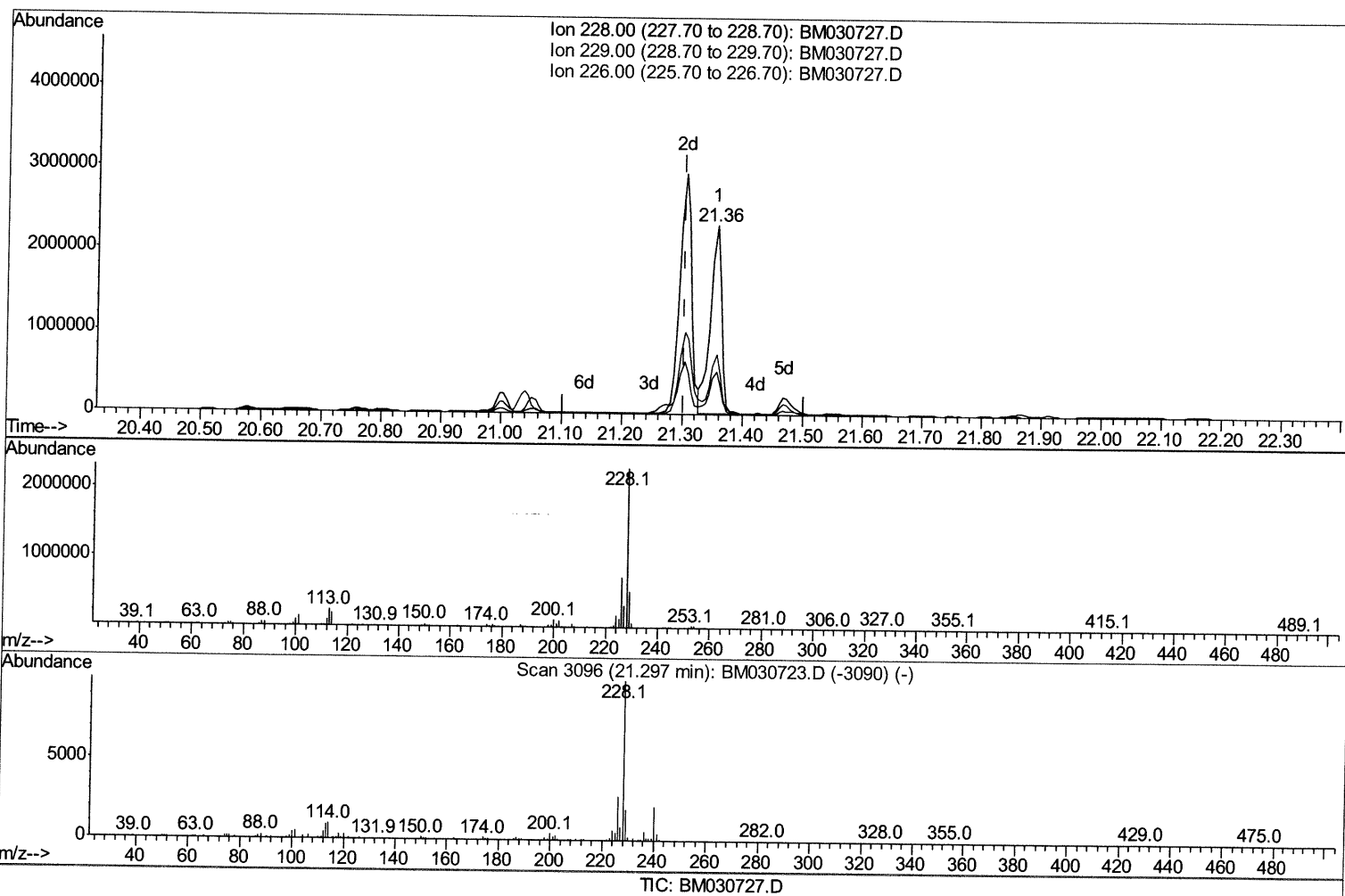
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Jul 01 06:08:50 2021
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(85) Benzo(a)anthracene

21.356min (+0.053) 93.10ng/ul

response 2965517

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	22.64
226.00	27.70	31.57
0.00	0.00	0.00

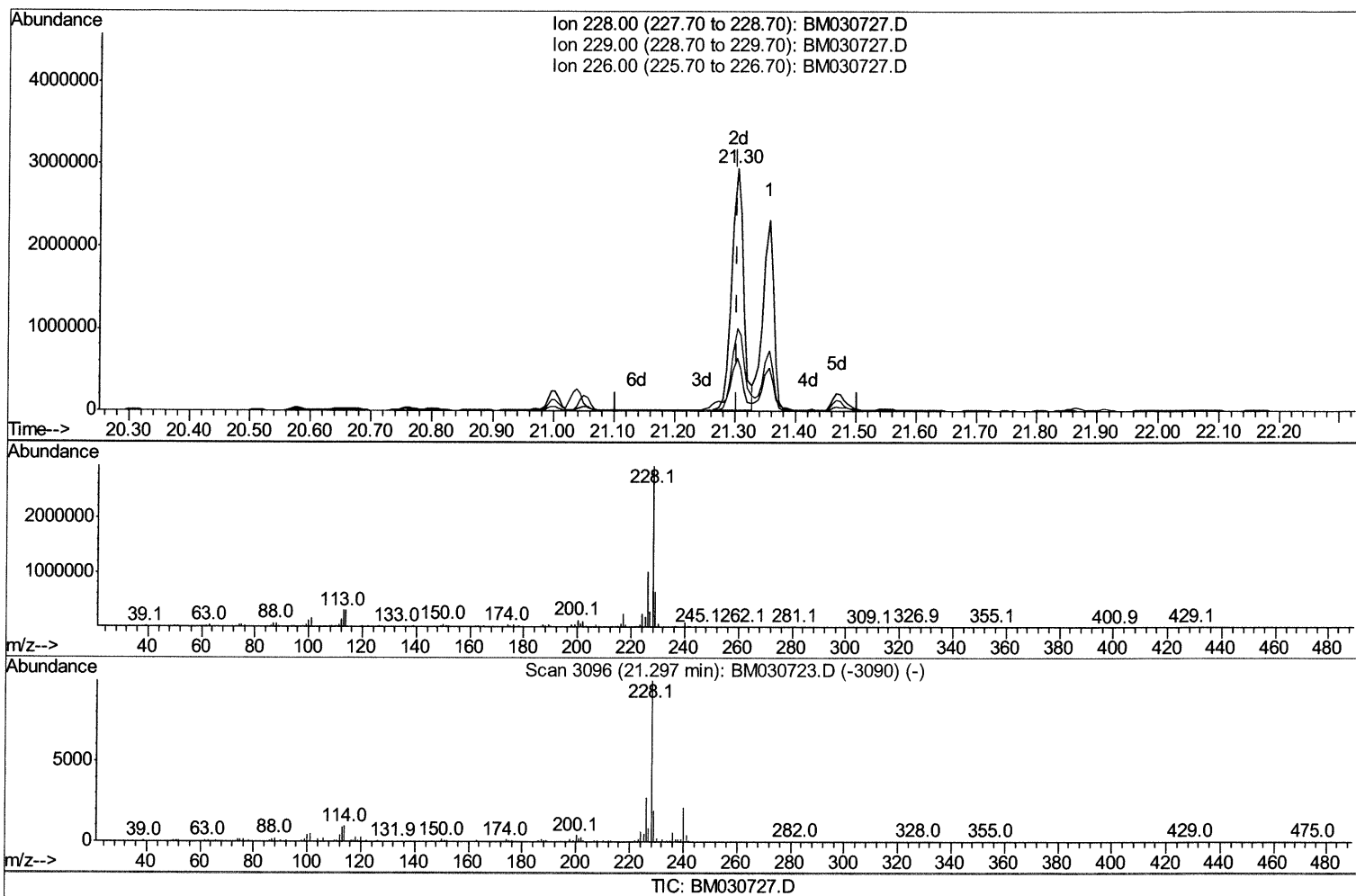
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030727.D
Acq On : 01 Jul 2021 05:14
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Sample : M2808-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jul 01 06:08:50 2021
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(85) Benzo(a)anthracene

21.303min (-0.000) 125.68ng/ul m 07/07/21 JU

response 4003305

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	21.75
226.00	27.70	34.08#
0.00	0.00	0.00

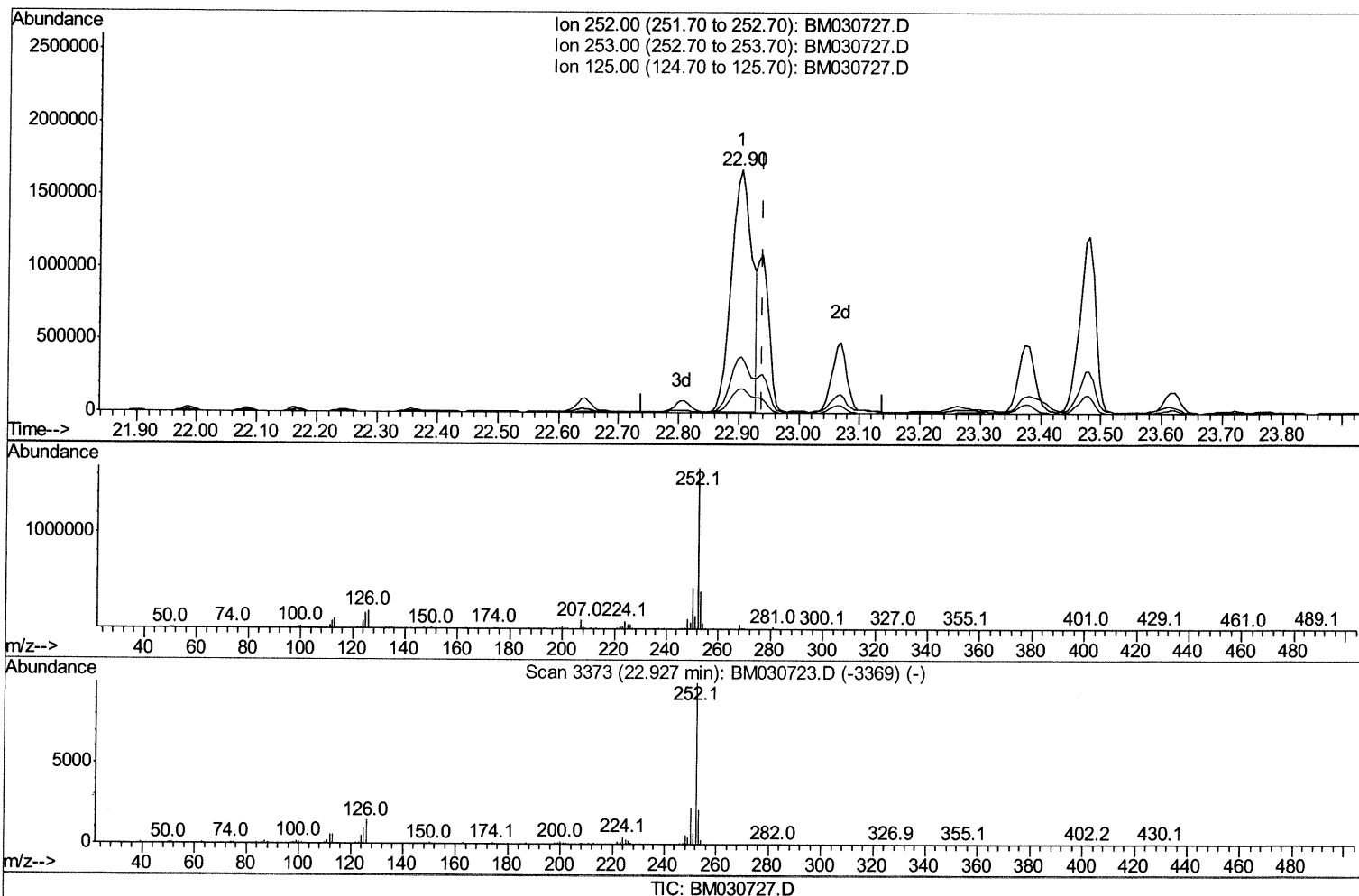
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
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Sample : M2808-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jul 01 06:09:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:23:53 2021
Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.903min (-0.035) 119.63ng/ul

response 3998463

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.02
125.00	9.90	9.82
0.00	0.00	0.00

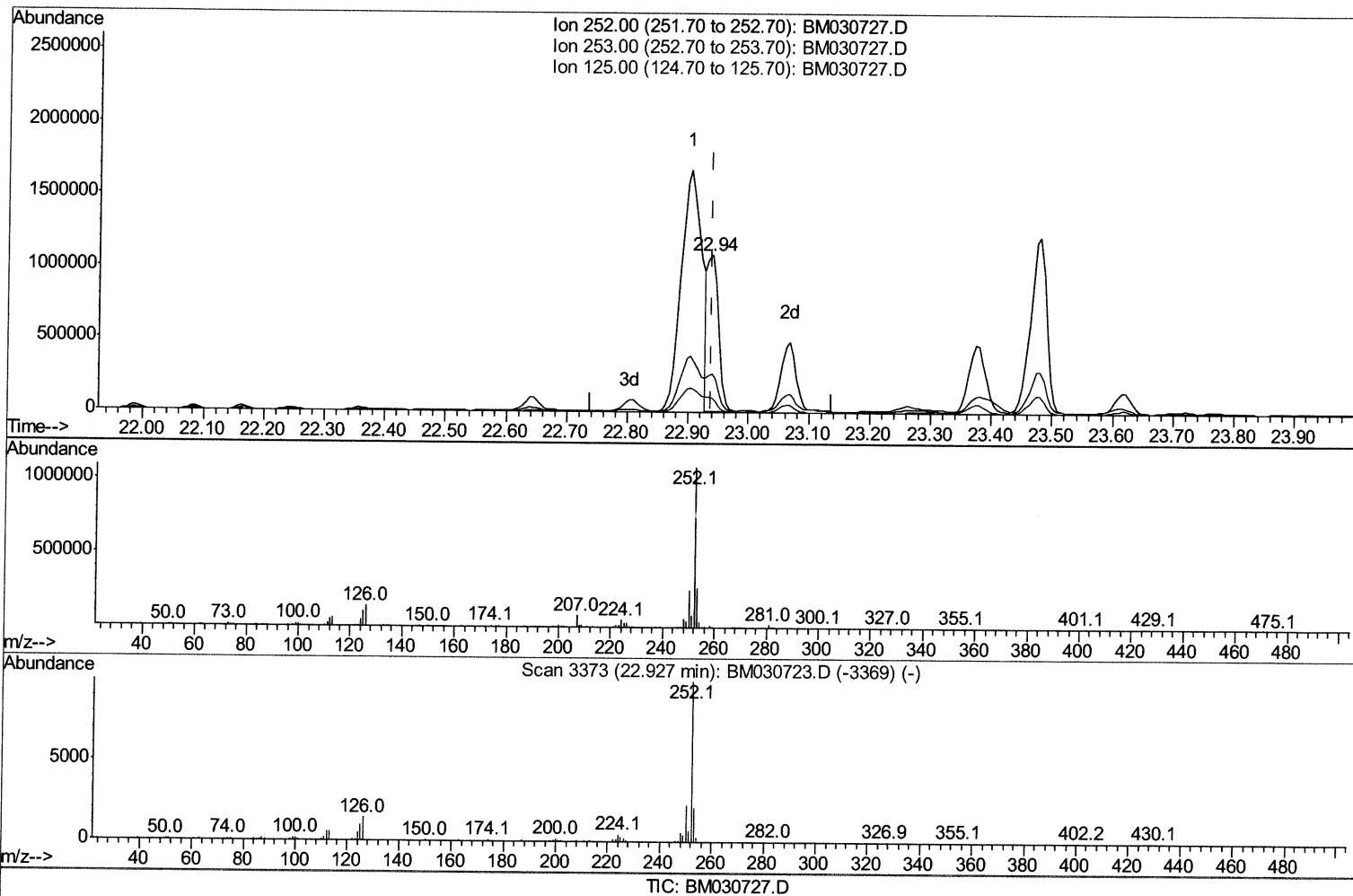
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jul 01 06:09:32 2021
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Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.939min (-0.000) 40.25ng/ul m 07/07/21 JU

response 1345146

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.52
125.00	9.90	9.31
0.00	0.00	0.00

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 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jul 01 06:10:10 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:23:53 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	75923	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	293782	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	181698	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	399165	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	513254	20.00	ng/ul	0.00
88) Perylene-d12	23.57	264	547777	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	4757m>	2.54	ng/uL>	0.00	07/07/2021
4) Pyridine-d5	3.70	84	27411	5.45	ng/ul	0.02	
7) Phenol-d5	6.95	99	68506	10.46	ng/ul	0.00	
9) Bis-(2-Chloroethyl)ether-d	7.11	67	47968	11.65	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.31	132	59781	11.83	ng/ul	0.00	
15) 4-Methylphenol-d8	8.48	113	55182	10.83	ng/ul	0.00	
21) Nitrobenzene-d5	8.93	128	26229	11.96	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.65	143	26177	10.74	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.19	165	52399	11.23	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.70	131	67505	10.37	ng/ul	0.00	
46) Dimethylphthalate-d6	13.82	166	174482	13.91	ng/ul	0.00	
49) Acenaphthylene-d8	14.10	160	208563	12.81	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.62	143	17585m>	7.40	ng/ul>	0.00	07/07/2021
60) Fluorene-d10	15.40	176	168920	15.18	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.53	200	8958	3.43	ng/ul	0.00	
73) Anthracene-d10	17.24	188	289551	15.54	ng/ul	0.00	
81) Pyrene-d10	19.53	212	332815	12.38	ng/ul	0.00	
92) Benzo(a)pyrene-d12	23.43	264	342937	12.04	ng/ul	0.00	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Phenol	6.97	94	7705	1.164	ng/ul	99
18) 4-Methylphenol	8.54	108	5950	1.139	ng/ul	95
30) Naphthalene	10.61	128	112308	7.550	ng/ul	99
36) 2-Methylnaphthalene	12.22	142	14443	1.391	ng/ul	94
37) 1-Methylnaphthalene	12.45	142	12791	1.217	ng/ul	98
50) Acenaphthylene	14.13	152	232354	15.382	ng/ul	99
52) Acenaphthene	14.47	153	120725	11.012	ng/ul	98
56) Dibenzofuran	14.80	168	75257	4.924	ng/ul	98
61) Fluorene	15.45	166	182055	14.454	ng/ul	98
72) Phenanthrene	17.19	178	3074006	143.405	ng/ul	99
74) Anthracene	17.28	178	1145707	52.274	ng/ul	99
77) Carbazole	17.54	167	44186	2.248	ng/ul#	94
80) Fluoranthene	19.21	202	6794063	206.850	ng/ul	99
82) Pyrene	19.57	202	4786102	138.678	ng/ul	99
85) Benzo(a)anthracene	21.30	228	4003305m>	125.685	ng/ul>	97/07/2021
87) Chrysene	21.36	228	2970116	95.652	ng/ul	95
90) Benzo(b)fluoranthene	22.90	252	3998463	114.973	ng/ul	99
91) Benzo(k)fluoranthene	22.94	252	1345146m>	40.247	ng/ul>	97/07/2021
93) Benzo(a)pyrene	23.48	252	2252199	72.023	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.86	276	1474813	37.463	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.86	278	490164	15.020	ng/ul	93
96) Benzo(g,h,i)perylene	26.54	276	111220	3.386	ng/ul#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed