

Instrument :
BNA_M
ClientSampleId :
BGDX5DL

mohammad
7/7/2021 6:12:11 PM

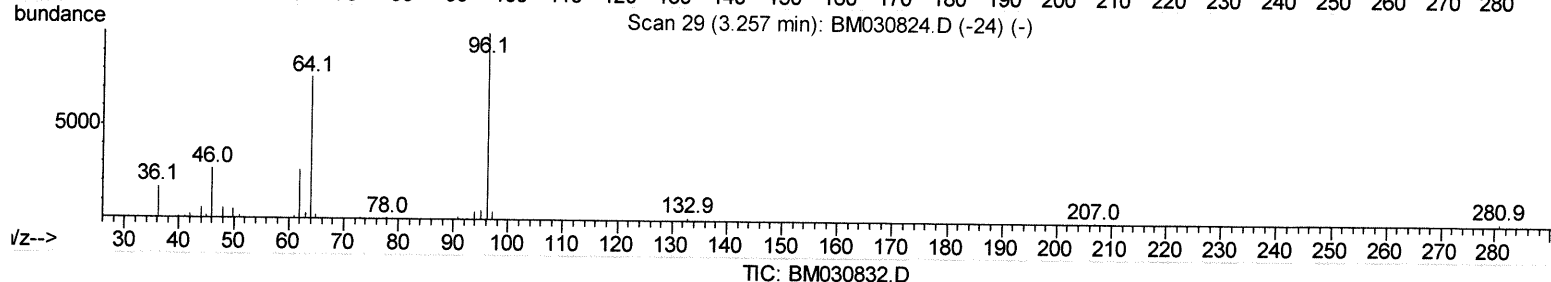
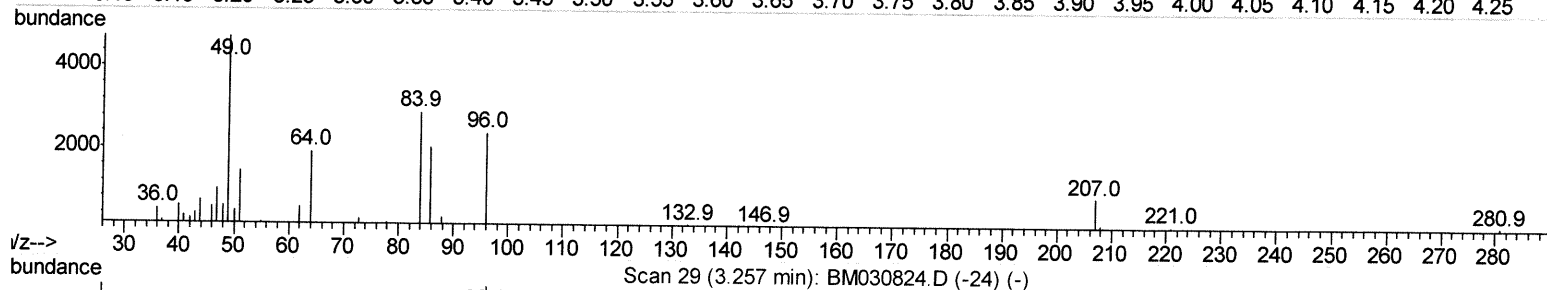
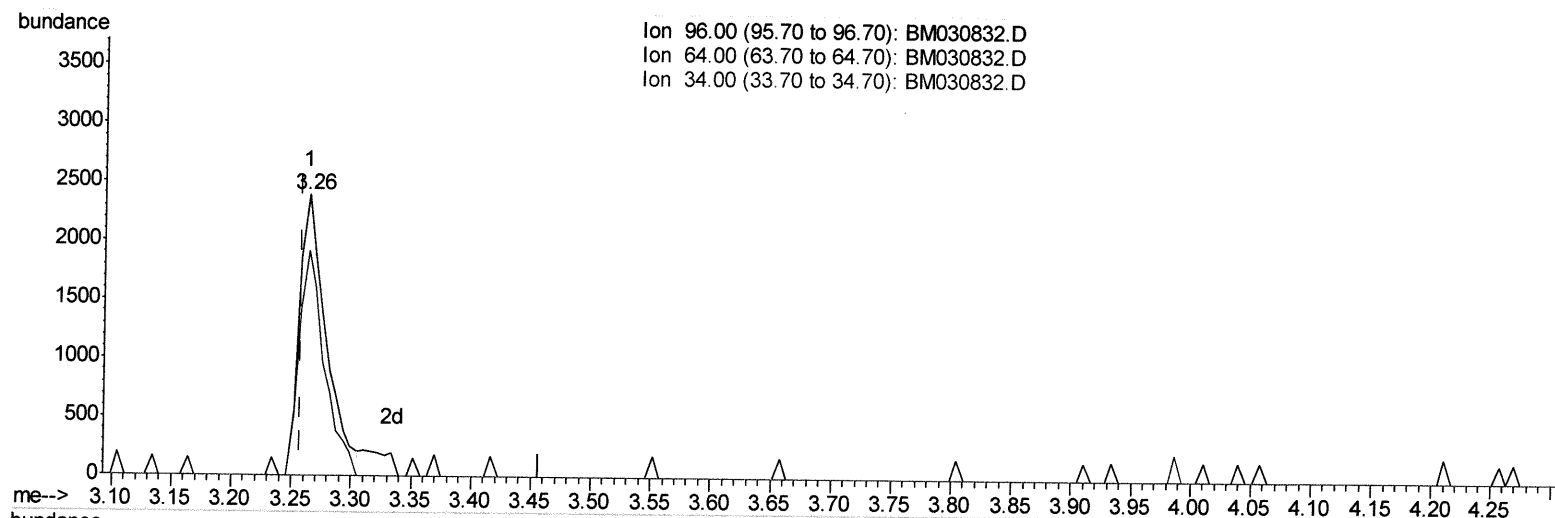
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030832.D
 Acq On : 06 Jul 2021 22:46
 Operator : CG/JU
 Sample : M2869-07DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Jul 07 02:45:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration



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

3.263min (+0.006) 1.15ng/uL

response 3690

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	80.20
34.00	0.00	0.00
0.00	0.00	0.00

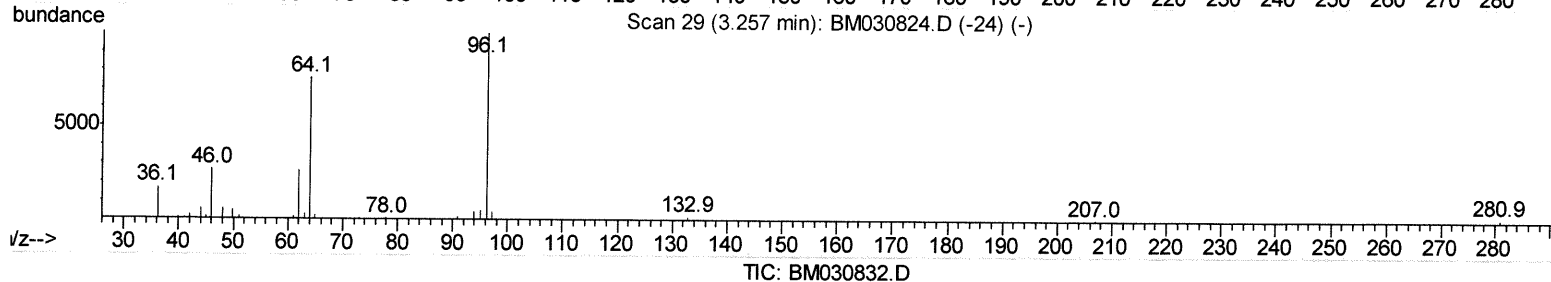
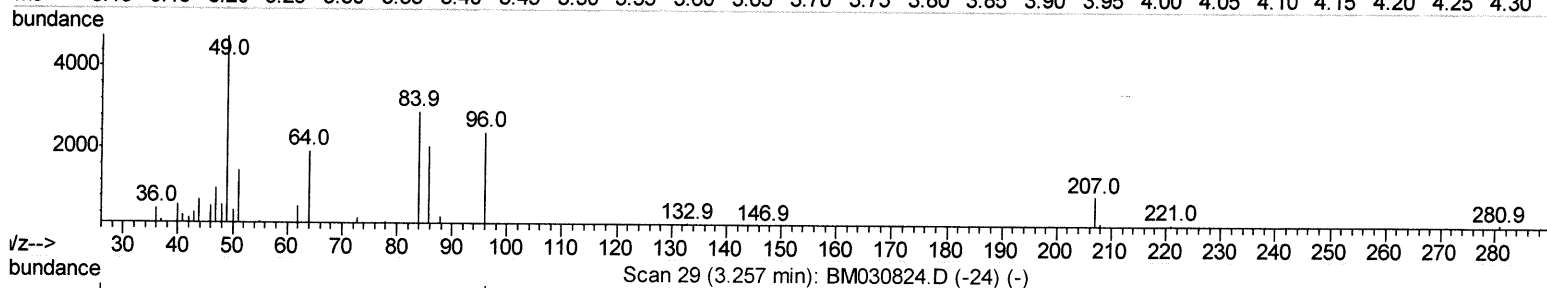
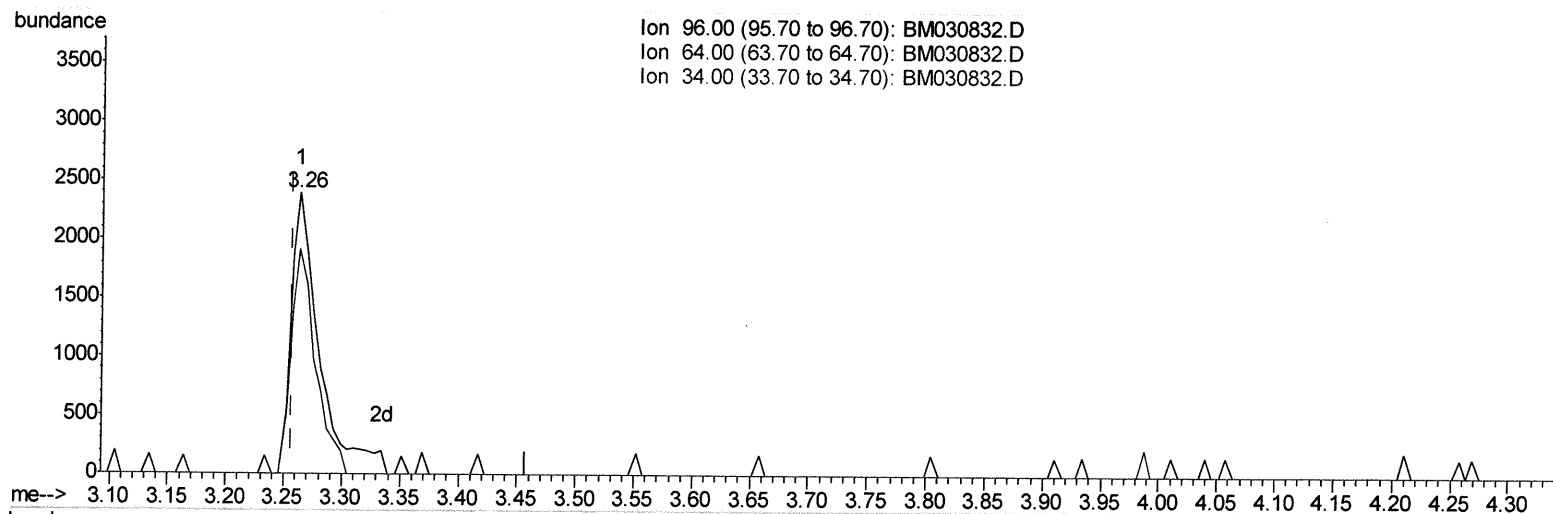
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(3) 1,4-Dioxane-d8 (S)

3.263min (+0.006) 1.26ng/uL m

response 4037

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	80.20
34.00	0.00	0.00
0.00	0.00	0.00

JU 7/8/21

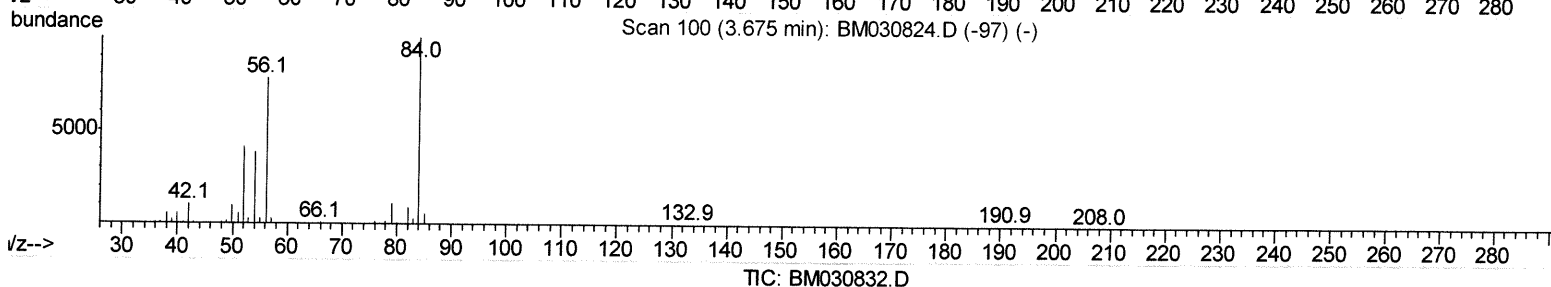
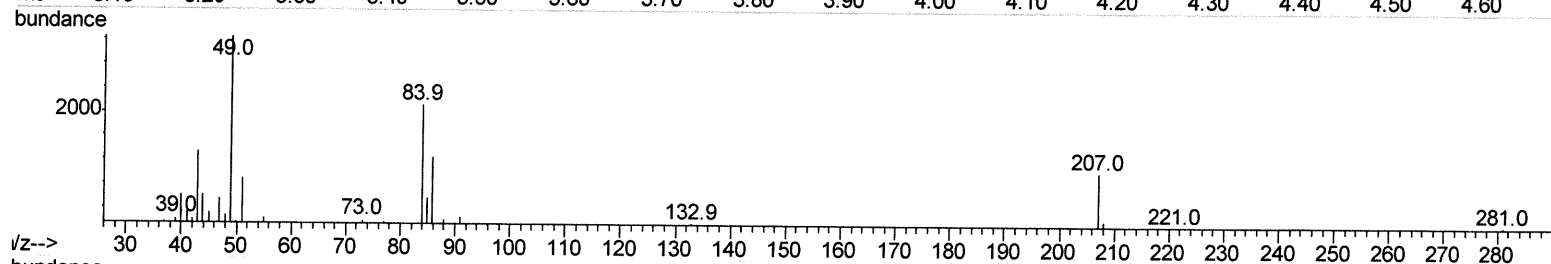
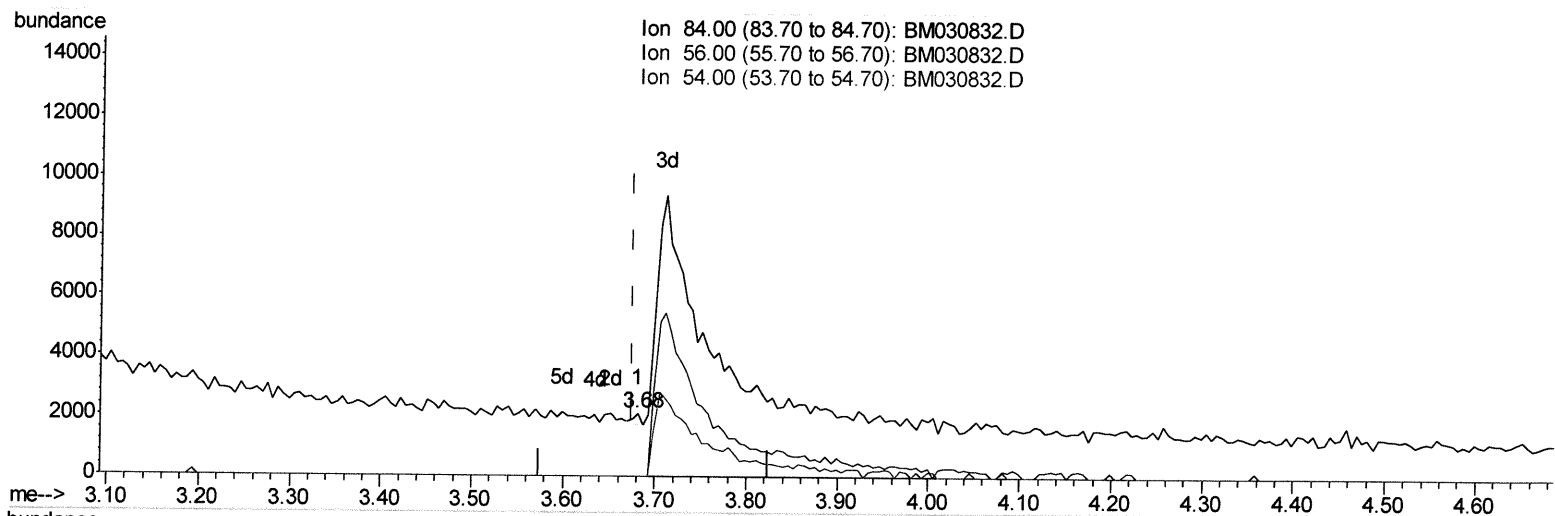
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Quant Time: Jul 07 02:47:22 2021
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(4) Pyridine-d5 (S)

3.681min (+0.006) 0.03ng/ul

response 211

Ion	Exp%	Act%
84.00	100	100
56.00	74.50	0.00#
54.00	37.20	0.00#
0.00	0.00	0.00

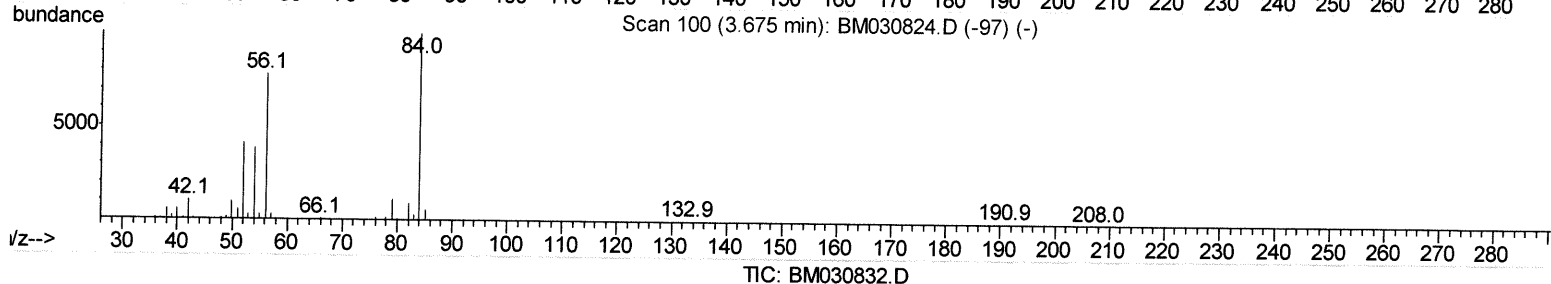
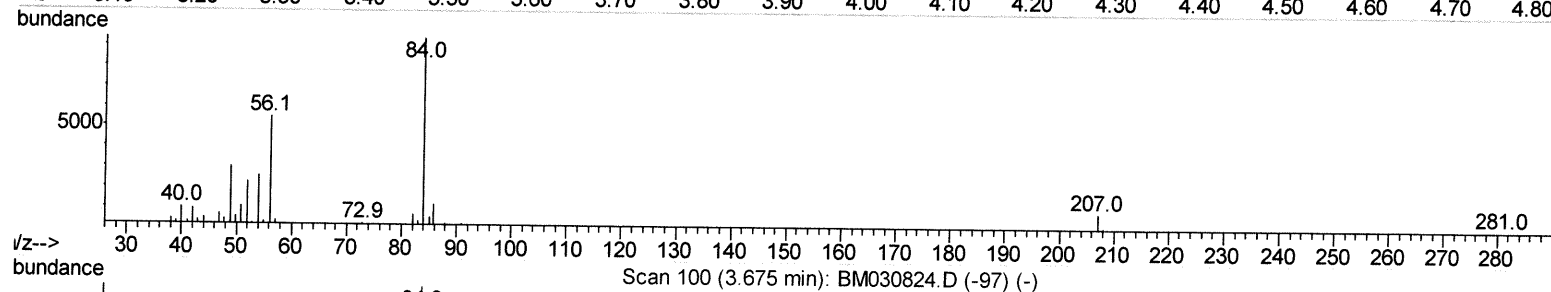
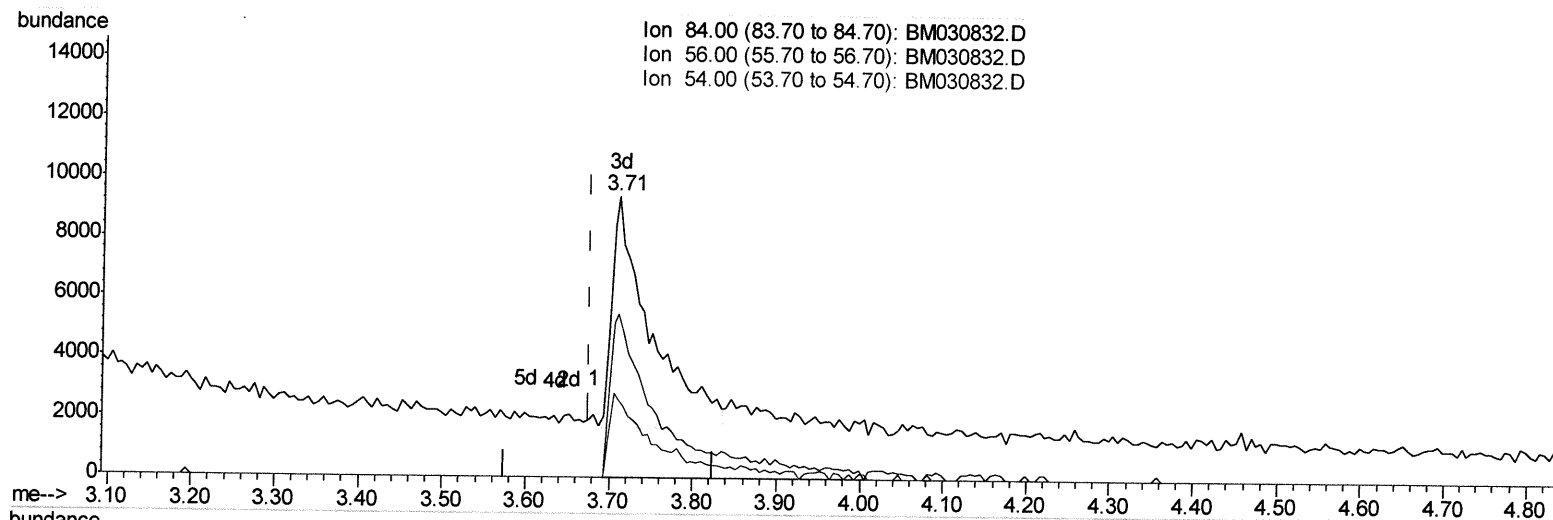
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 Response via : Initial Calibration



(4) Pyridine-d5 (S)

3.711min (+0.035) 2.97ng/ul m

response 24936

Ion	Exp%	Act%
84.00	100	100
56.00	74.50	58.00#
54.00	37.20	27.62#
0.00	0.00	0.00

34718121

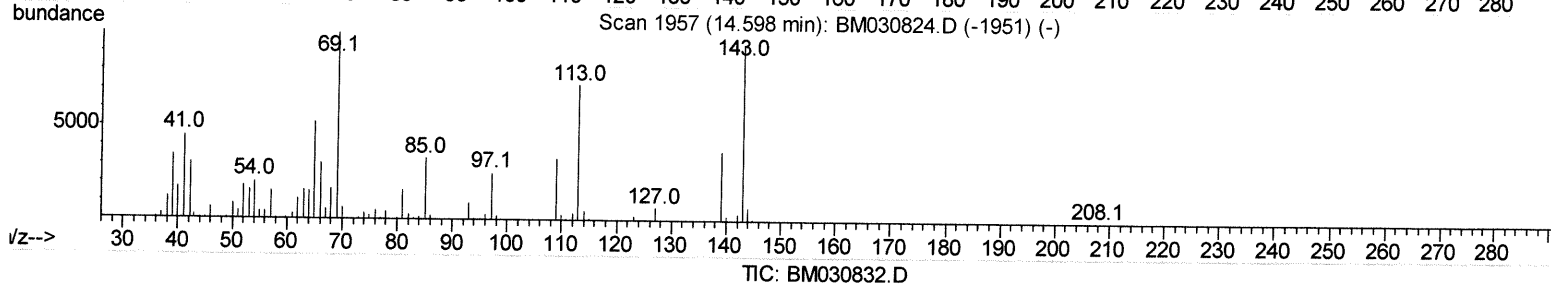
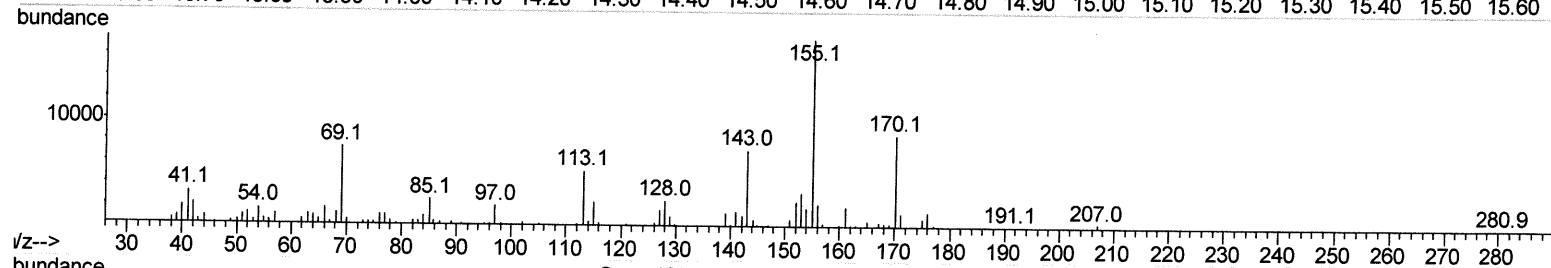
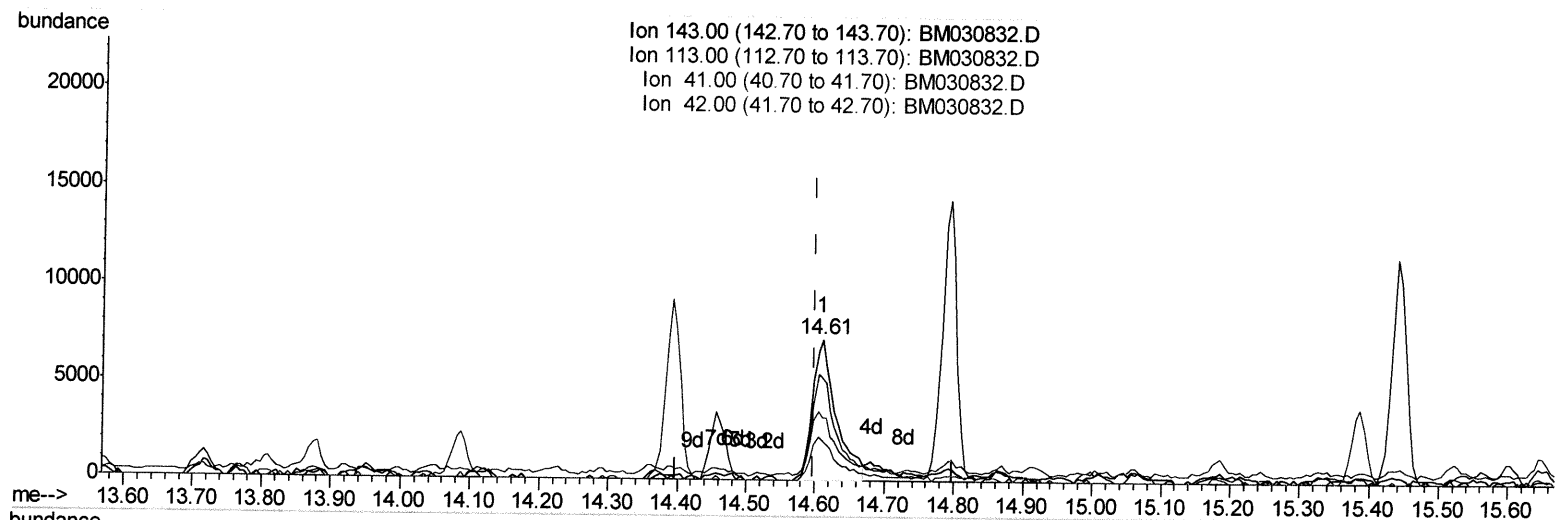
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 Data File : BM030832.D
 Acq On : 06 Jul 2021 22:46
 Operator : CG/JU
 Sample : M2869-07DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BGD5DL

Manual Integrations
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Quant Time: Jul 07 02:48:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration



(54) 4-Nitrophenol-d4 (S)

14.610min (+0.012) 4.05ng/ul

response 17259

Ion	Exp%	Act%
143.00	100	100
113.00	76.90	72.33
41.00	50.00	44.13
42.00	34.80	28.57

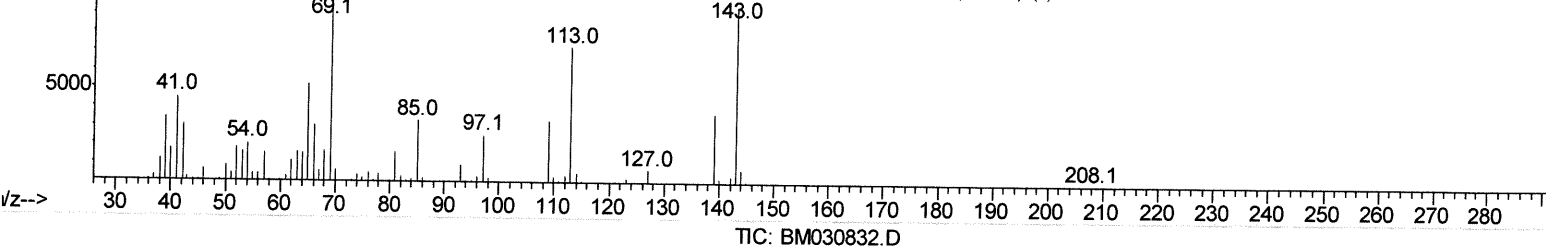
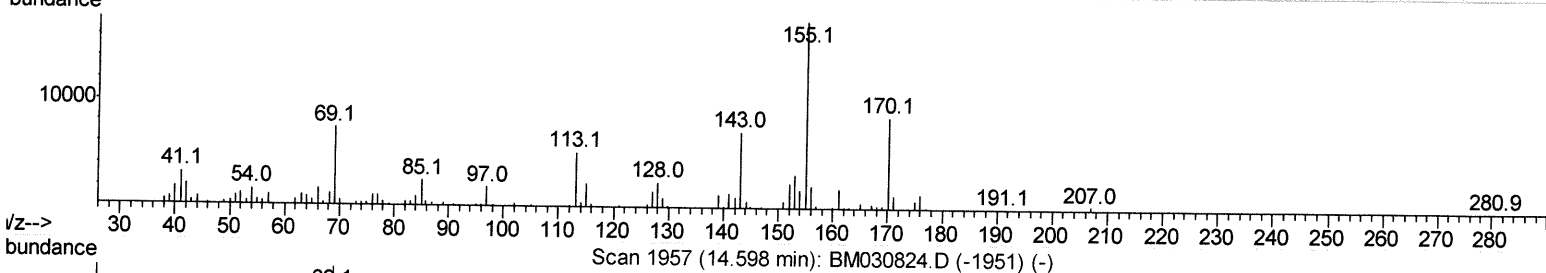
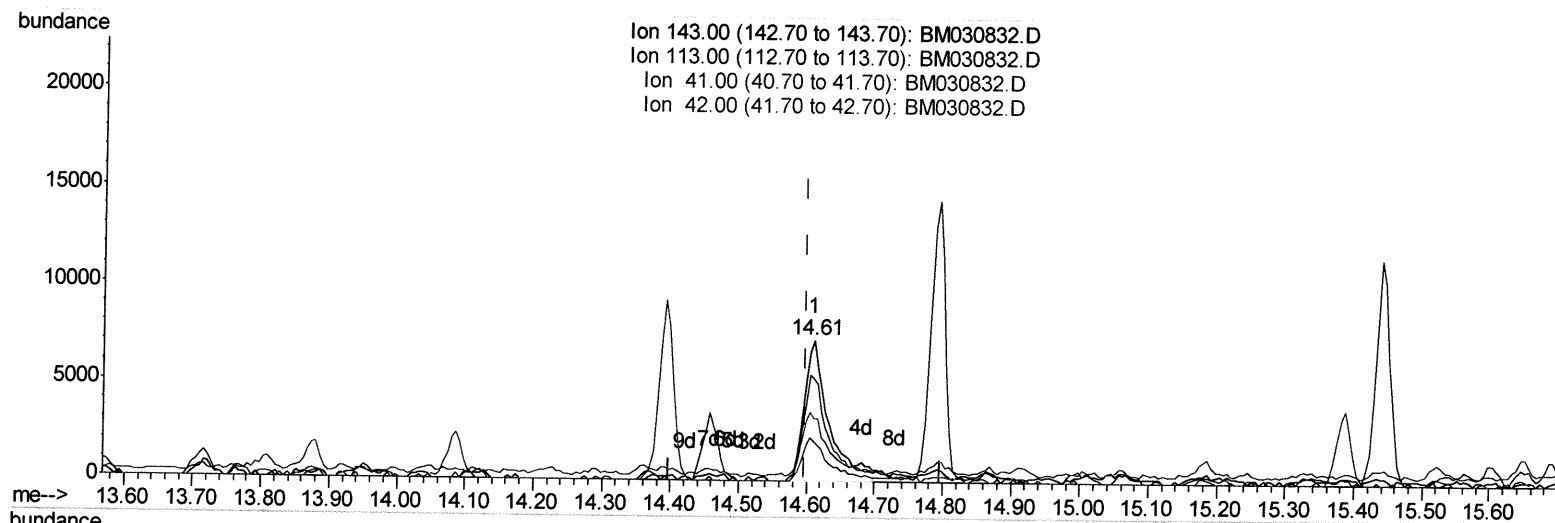
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030832.D
 Acq On : 06 Jul 2021 22:46
 Operator : CG/JU
 Sample : M2869-07DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BGD5DL

Manual Integrations
 APPROVED

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Quant Time: Jul 07 02:48:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration



(54) 4-Nitrophenol-d4 (S)

14.610min (+0.012) 4.39ng/ul m

response 18701

Ion	Exp%	Act%
143.00	100	100
113.00	76.90	72.33
41.00	50.00	44.13
42.00	34.80	28.57

JU 7/7/21

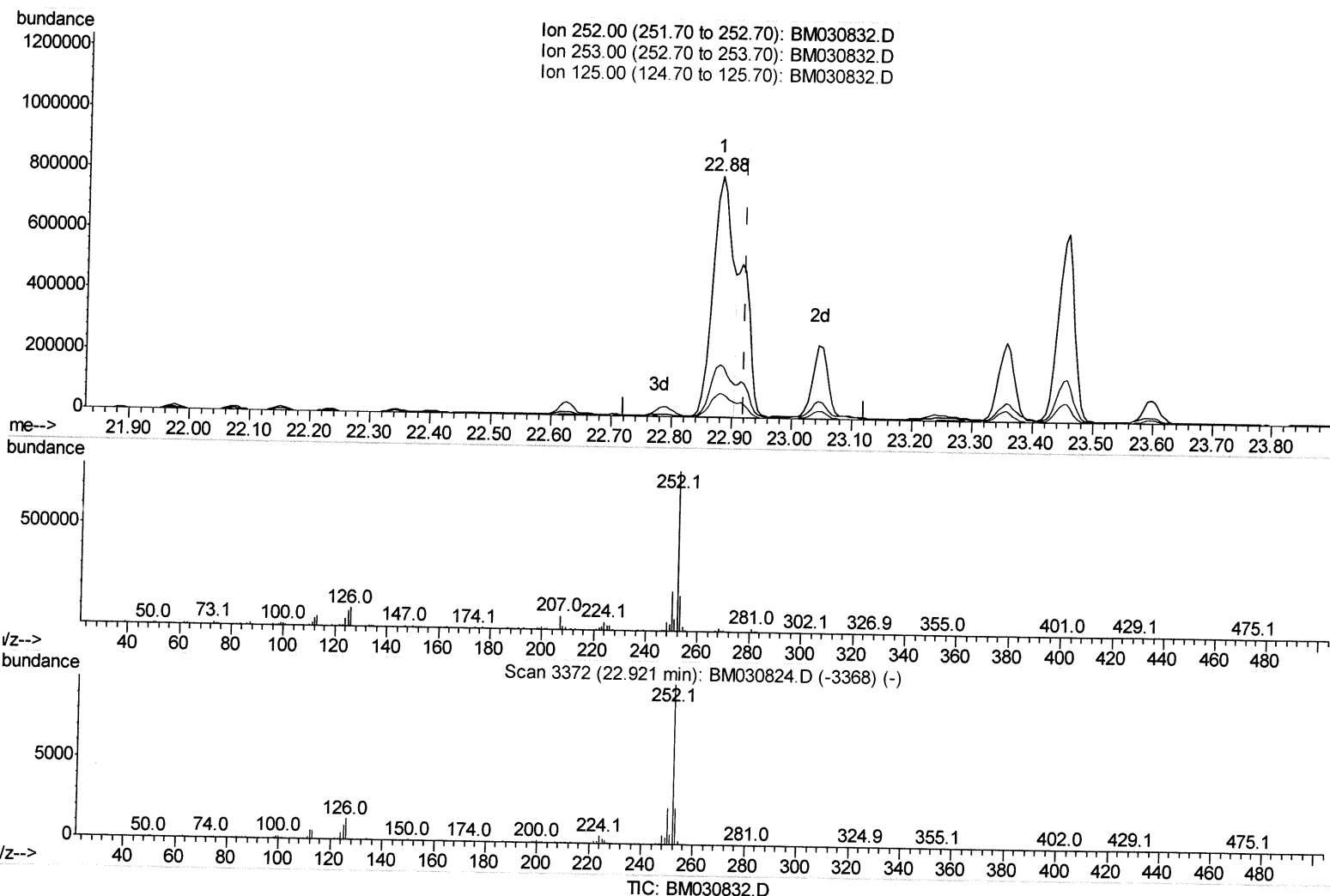
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030832.D
 Acq On : 06 Jul 2021 22:46
 Operator : CG/JU
 Sample : M2869-07DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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 7/7/2021 6:12:11 PM

Quant Time: Jul 07 02:52:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.880min (-0.041) 55.59ng/ul

response 1773476

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.04
125.00	9.20	9.92
0.00	0.00	0.00

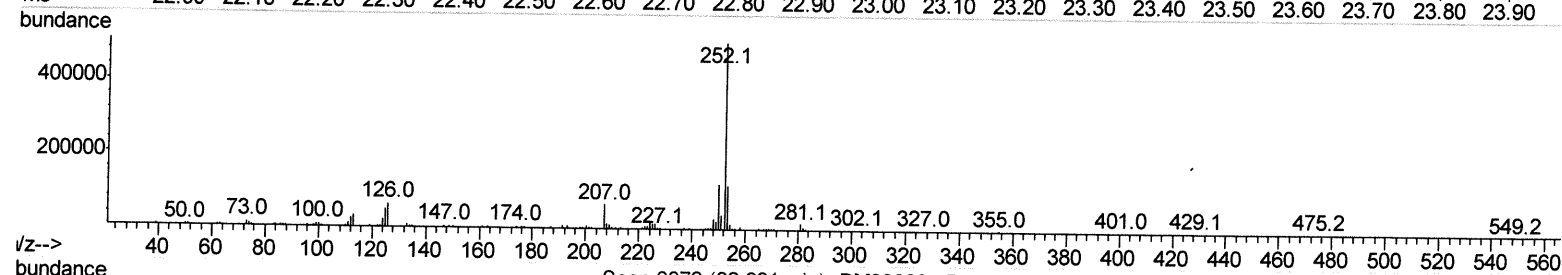
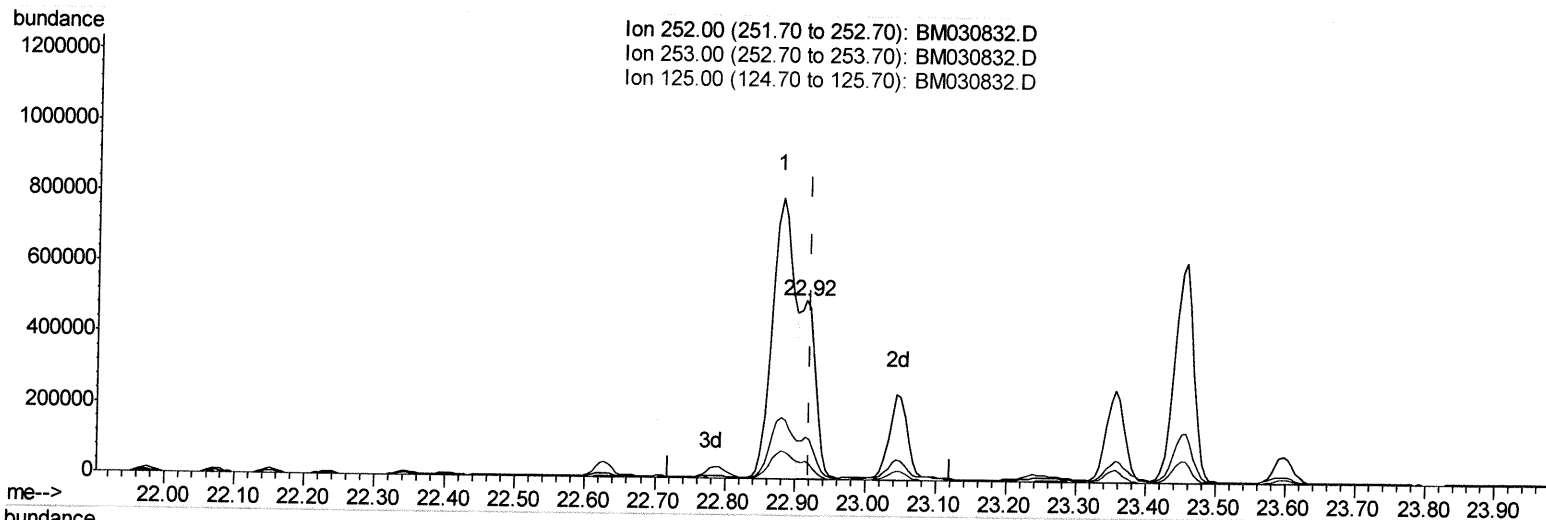
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030832.D
 Acq On : 06 Jul 2021 22:46
 Operator : CG/JU
 Sample : M2869-07DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD5DL

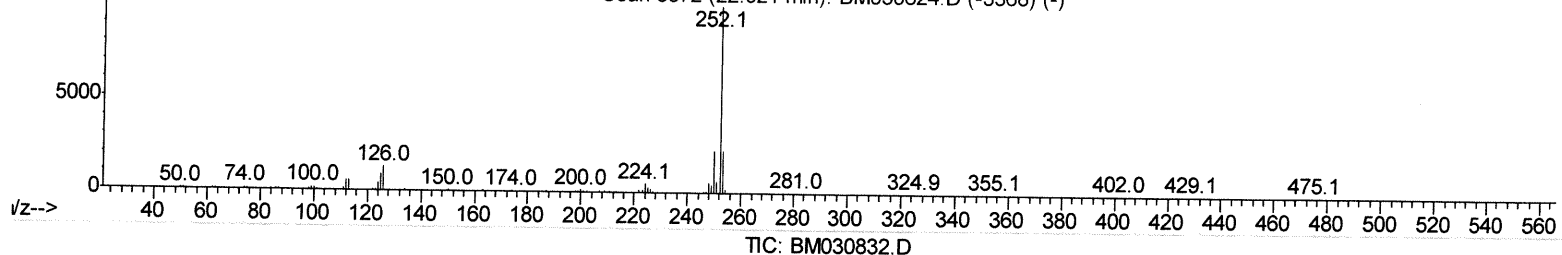
Manual Integrations
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Quant Time: Jul 07 02:52:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
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Scan 3372 (22.921 min): BM030824.D (-3368) (-)



(91) Benzo(k)fluoranthene

22.915min (-0.006) 23.01ng/ul m

response 734207

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.53
125.00	9.20	9.70
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030832.D
 Acq On : 06 Jul 2021 22:46
 Operator : CG/JU
 Sample : M2869-07DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:12:11 PM

Quant Time: Jul 07 02:53:54 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jul 06 14:32:50 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	125647	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	526811	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	349359	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	709882	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	533618	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	509516	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	4037m}	1.26	ng/ul	0.00	Jy 7/8/21
4) Pyridine-d5	3.71	84	24936m}	2.97	ng/ul	0.04	
7) Phenol-d5	6.93	99	71474	6.51	ng/ul	0.00	
9) Bis-(2-Chloroethyl) ether-d	7.10	67	49670	7.02	ng/ul	0.00	Jy 7/8/21
11) 2-Chlorophenol-d4	7.30	132	59226	7.03	ng/ul	0.00	
15) 4-Methylphenol-d8	8.47	113	57865	6.58	ng/ul	0.00	
21) Nitrobenzene-d5	8.92	128	26505	6.76	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.64	143	27870	6.50	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.17	165	54925	6.66	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.70	131	54385	4.64	ng/ul	0.00	
46) Dimethylphthalate-d6	13.80	166	192589	7.87	ng/ul	0.00	
49) Acenaphthylene-d8	14.09	160	223310	7.23	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.61	143	18701mD	4.39	ng/ul	0.01	
60) Fluorene-d10	15.39	176	169491	7.87	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.52	200	11628	2.55	ng/ul	0.00	
73) Anthracene-d10	17.23	188	251269	7.60	ng/ul	0.00	
81) Pyrene-d10	19.52	212	237127	8.06	ng/ul	0.00	
92) Benzo(a)pyrene-d12	23.41	264	164115	6.24	ng/ul	0.00	

Target Compounds

						Ovalue
30) Naphthalene	10.60	128	112506	4.247	ng/ul	99
47) Dimethylphthalate	13.85	163	69444	2.898	ng/ul	99
50) Acenaphthylene	14.12	152	81518	2.824	ng/ul#	97
52) Acenaphthene	14.46	153	628554	29.853	ng/ul	98
56) Dibenzofuran	14.79	168	395392	13.337	ng/ul	99
61) Fluorene	15.45	166	714919	29.277	ng/ul	99
72) Phenanthrene	17.19	178	6379072	168.406	ng/ul	97
74) Anthracene	17.27	178	2289315	58.822	ng/ul	99
80) Fluoranthene	19.20	202	5587908	153.986	ng/ul	98
82) Pyrene	19.56	202	3901746	103.741	ng/ul	99
85) Benzo(a)anthracene	21.29	228	2214165	66.365	ng/ul	93
87) Chrysene	21.34	228	1623739	49.463	ng/ul	98
90) Benzo(b)fluoranthene	22.88	252	1773476	54.034	ng/ul	99
91) Benzo(k)fluoranthene	22.92	252	734207m	23.014	ng/ul	99
93) Benzo(a)pyrene	23.46	252	1158740	39.895	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.82	276	735483	20.361	ng/ul	97
95) Dibenzo(a,h)anthracene	25.82	278	229486	7.577	ng/ul#	93
96) Benzo(g,h,i)perylene	26.51	276	60725	2.097	ng/ul#	83

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