

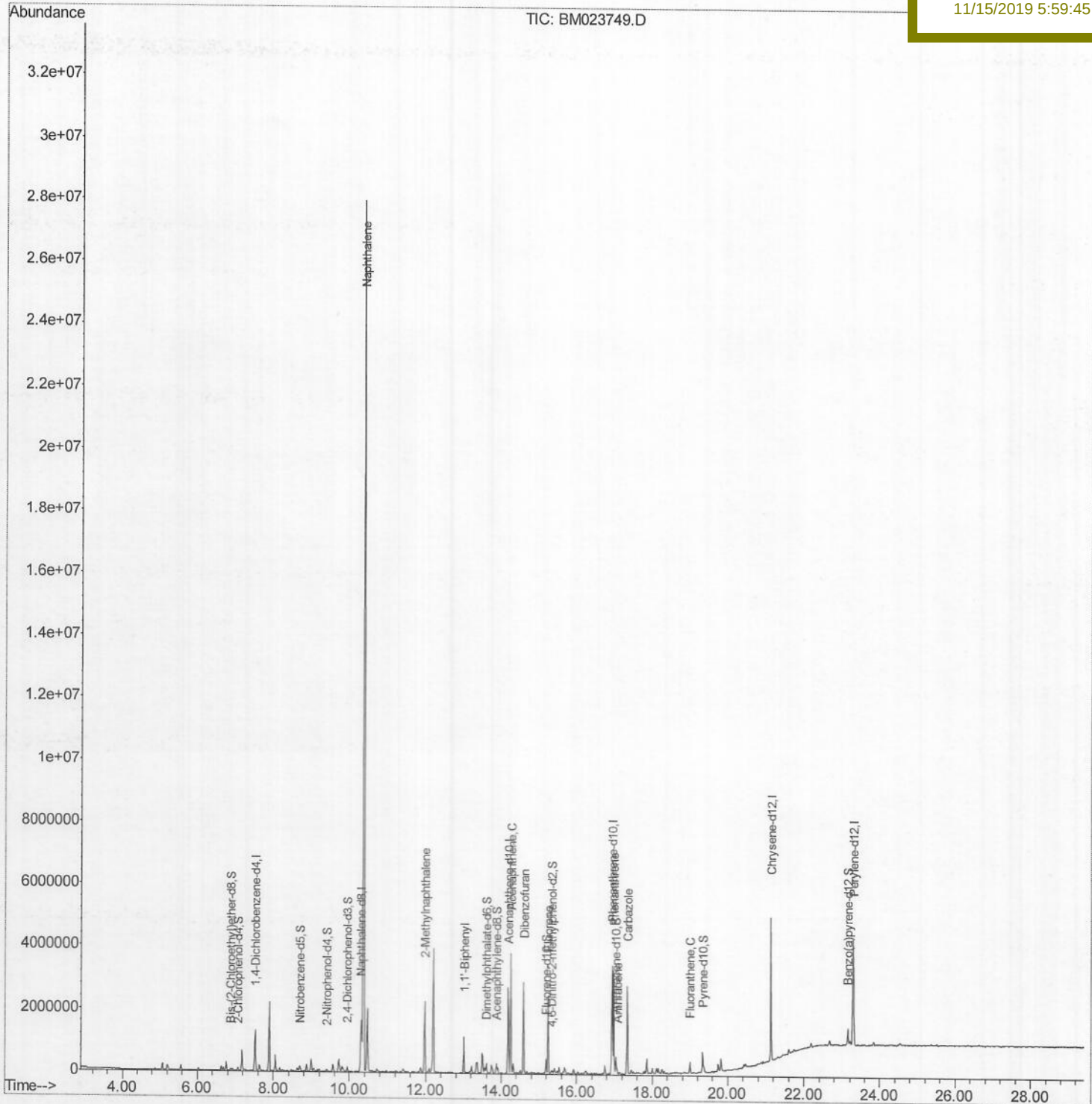
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111419\
Data File : BM023749.D
Acq On : 15 Nov 2019 11:24
Operator : JU
Sample : K5700-15DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 15 15:18:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEGY7DL

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:45 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\

Data File : BM023749.D

Acq On : 15 Nov 2019 11:24

Operator : JU

Sample : K5700-15DL 10X

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 15 12:36:51 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Nov 15 07:53:56 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

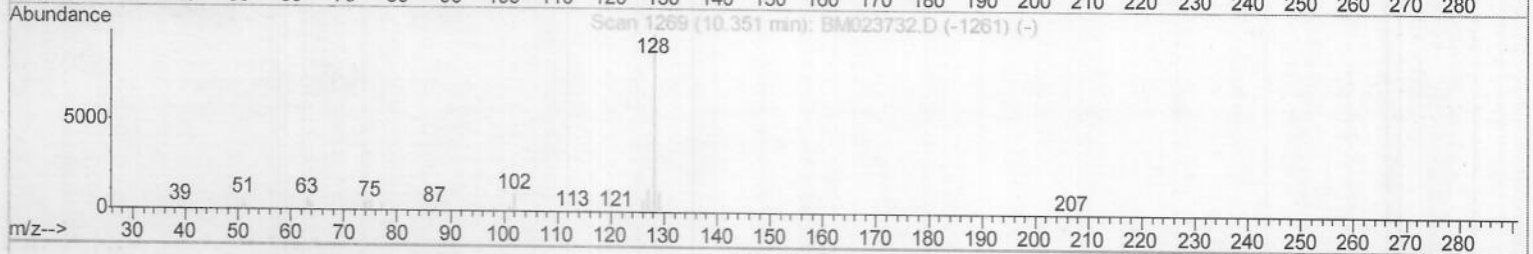
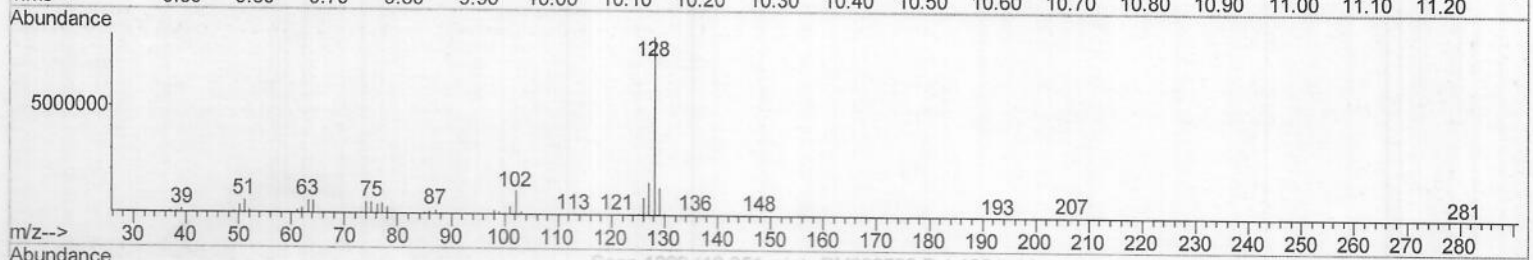
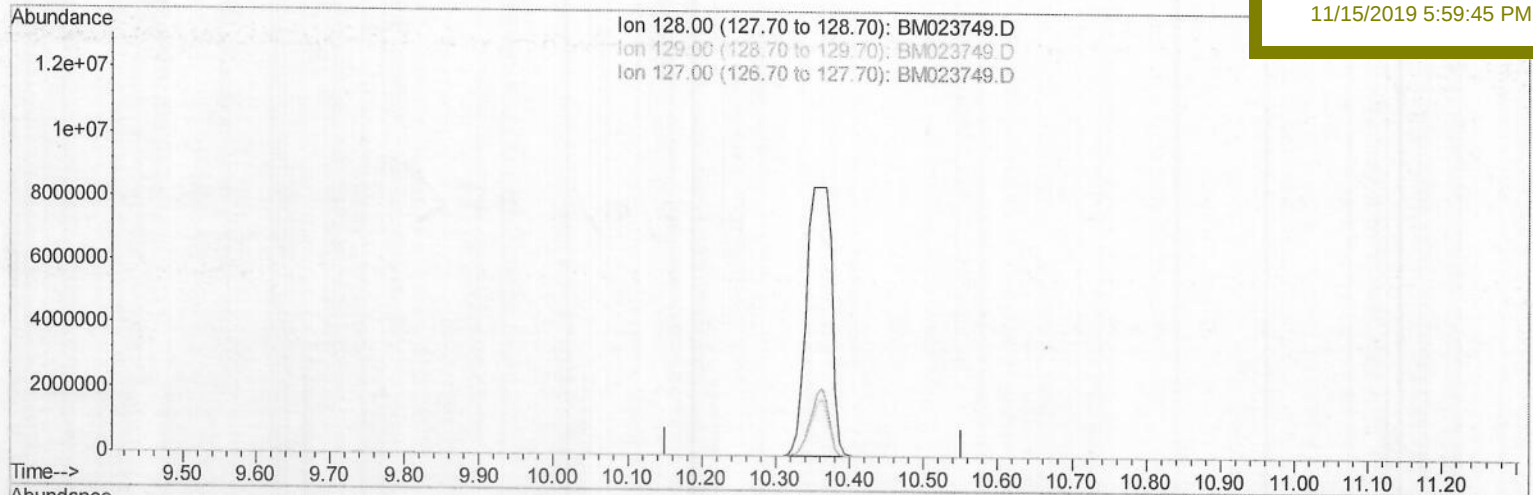
BEGY7DL

Manual Integrations

APPROVED

mohammad

11/15/2019 5:59:45 PM



TIC: BM023749.D

(28) Naphthalene

10.351min (-10.351) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.90	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\

Data File : BM023749.D

Acq On : 15 Nov 2019 11:24

Operator : JU

Sample : K5700-15DL 10X

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 15 12:36:51 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Nov 15 07:53:56 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

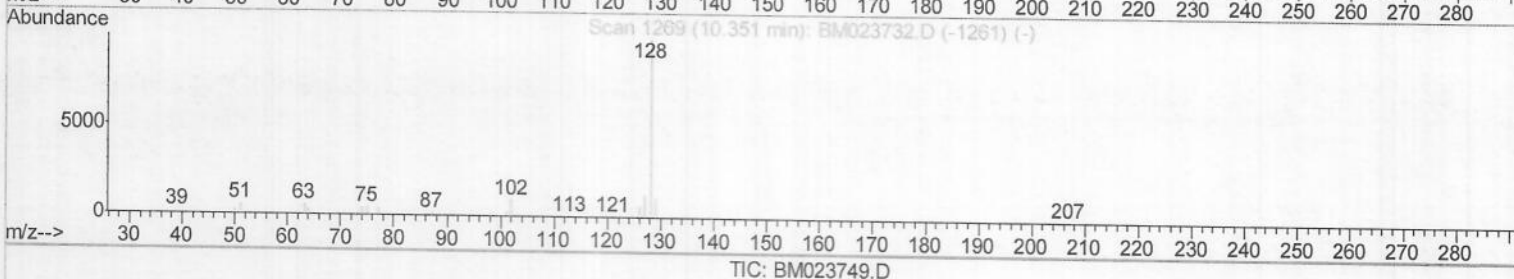
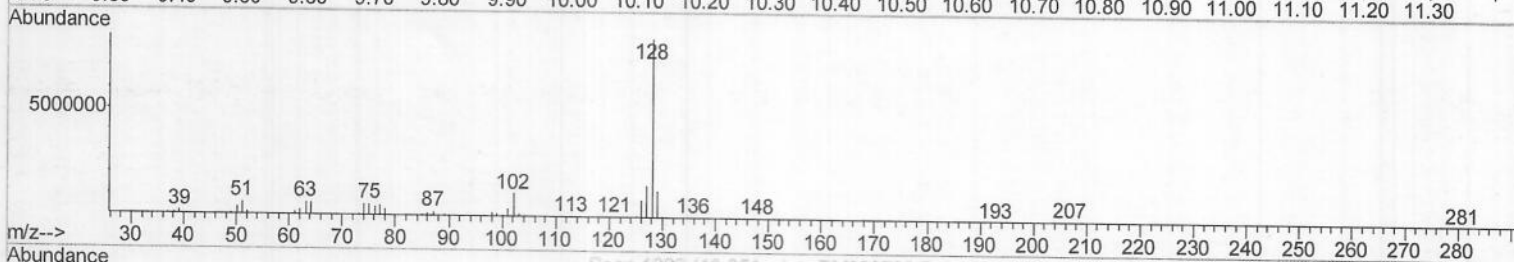
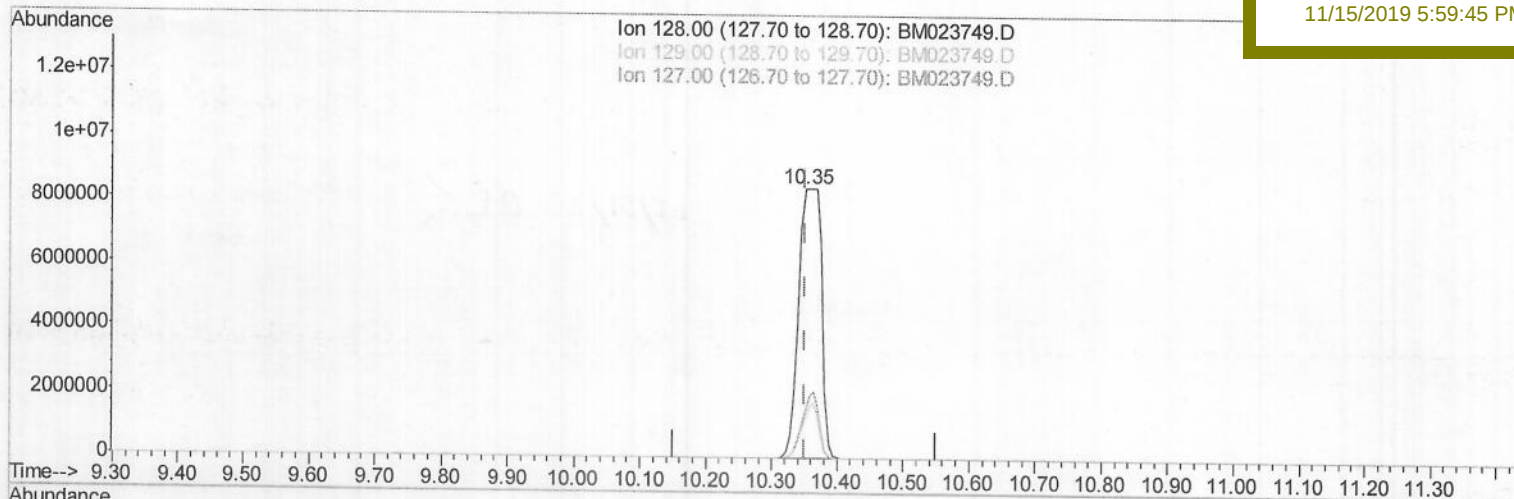
BEGY7DL

Manual Integrations

APPROVED

mohammad

11/15/2019 5:59:45 PM



TIC: BM023749.D

(28) Naphthalene

10.351min (-0.000) 260.63ng/ul m > JU 11/16/19

response 20073321

Ion	Exp%	Act%
128.00	100	100
129.00	10.90	14.98#
127.00	13.30	17.55#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111419\
 Data File : BM023749.D
 Acq On : 15 Nov 2019 11:24
 Operator : JU
 Sample : K5700-15DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGY7DL

Quant Time: Nov 15 15:18:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 07:53:56 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 11/15/2019 5:59:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	364089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1465337	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	917764	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1962367	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1996763	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2346012	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.72	99	12569	0.38	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.87	67	43234	2.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	41099	1.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	25166	0.95	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	27985	2.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	26484	2.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	52849	2.10	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.60	166	198741	2.78	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	207996	2.55	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.18	176	175389	2.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	13678	1.20	ng/ul	0.00
71) Anthracene-d10	17.03	188	273223	2.94	ng/ul	0.00
79) Pyrene-d10	19.33	212	307051	2.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	349202	2.83	ng/ul	0.00

Target Compounds

28) Naphthalene	10.35	128	20073321m	260.630	ng/ul	Qvalue
34) 2-Methylnaphthalene	11.97	142	1089288	18.489	ng/ul	99
41) 1,1'-Biphenyl	13.01	154	626039	8.843	ng/ul	99
50) Acenaphthene	14.25	153	1538881	26.372	ng/ul	99
54) Dibenzofuran	14.59	168	1845264	21.362	ng/ul	100
59) Fluorene	15.24	166	1080777	15.422	ng/ul	100
70) Phenanthrene	16.97	178	1894920	17.531	ng/ul	100
72) Anthracene	17.07	178	139538	1.284	ng/ul	99
75) Carbazole	17.34	167	1719884	18.983	ng/ul	100
77) Fluoranthene	19.00	202	202056	1.745	ng/ul	96

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

JU 11/16/19