

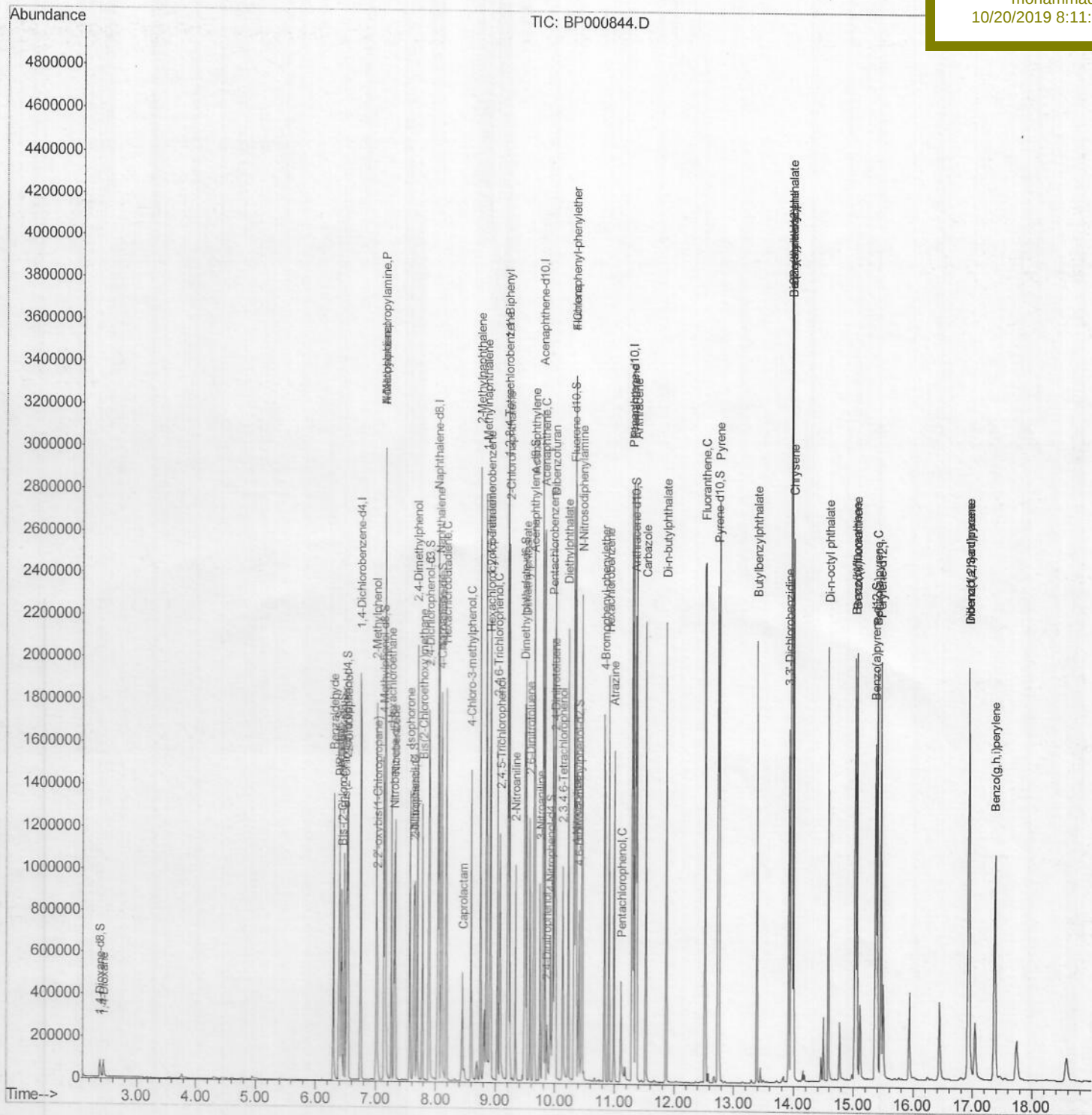
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101719\
Data File : BP000844.D
Acq On : 17 Oct 2019 16:23
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 16:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 09:27:24 2019
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTD02090

Manual Integrations APPROVED

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Acq On : 17 Oct 2019 16:23

Operator : JU

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 16:52:08 2019

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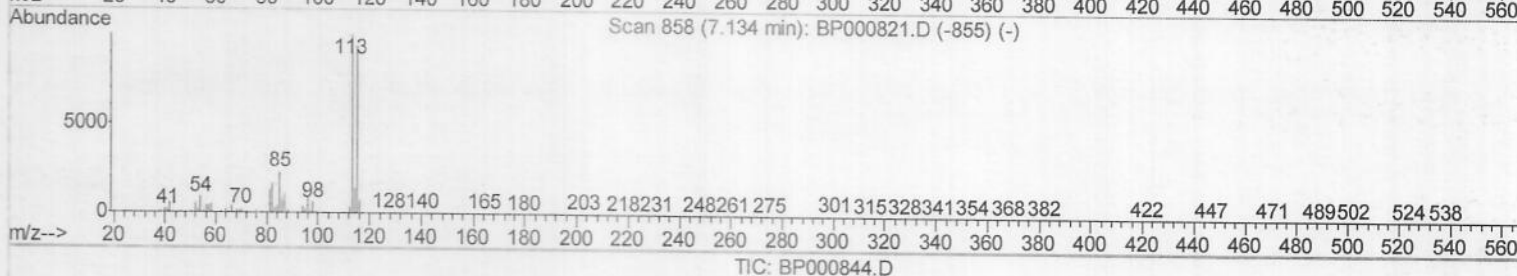
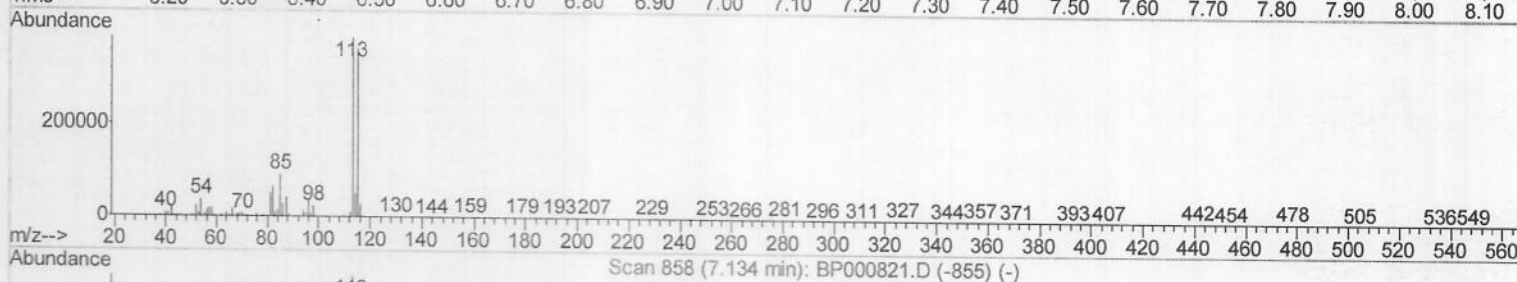
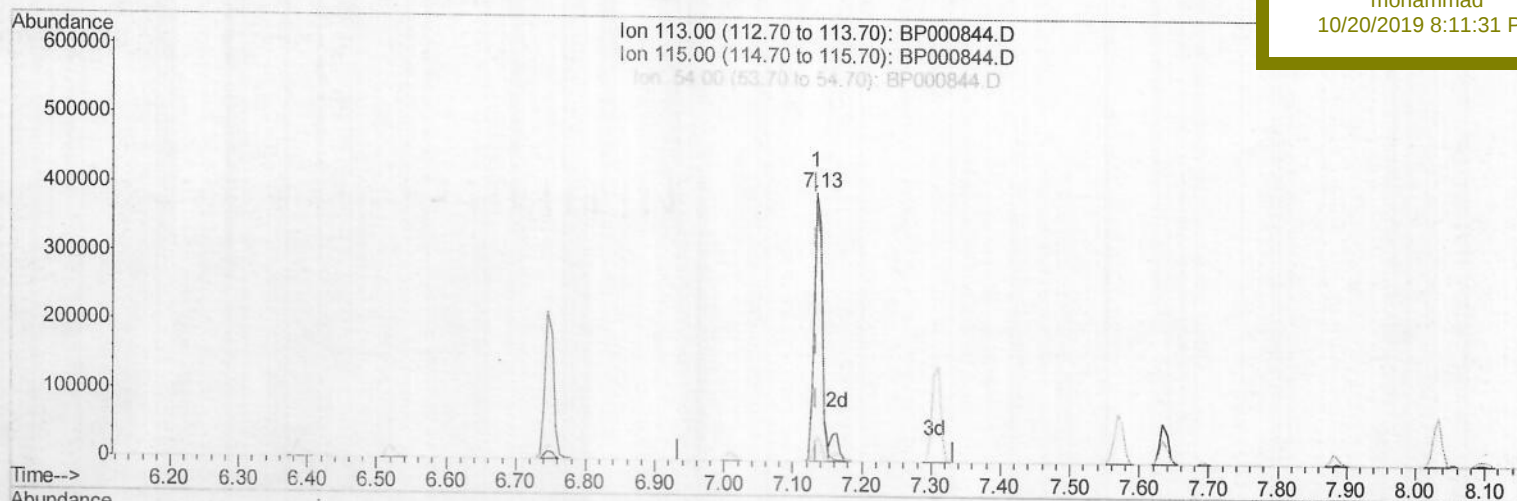
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(13) 4-Methylphenol-d8 (S)

7.134min (-0.000) 17.72ng/ul

response 326427

Ion	Exp%	Act%
113.00	100	100
115.00	97.30	93.89
54.00	9.90	9.67
0.00	0.00	0.00

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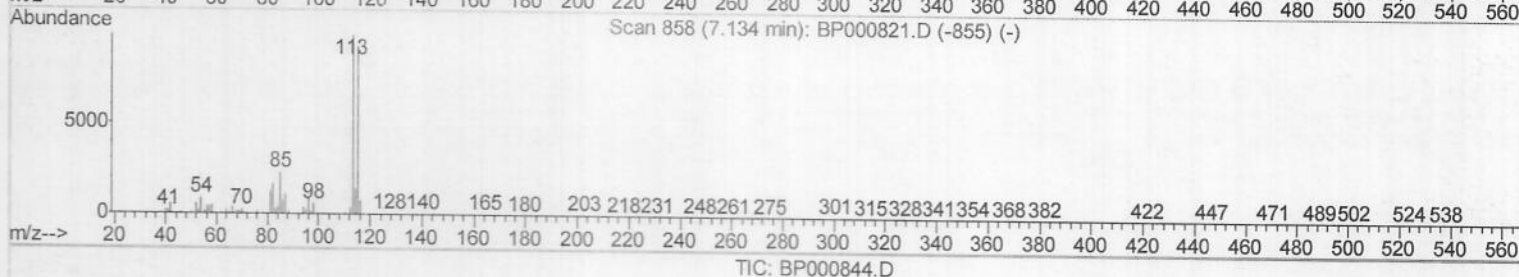
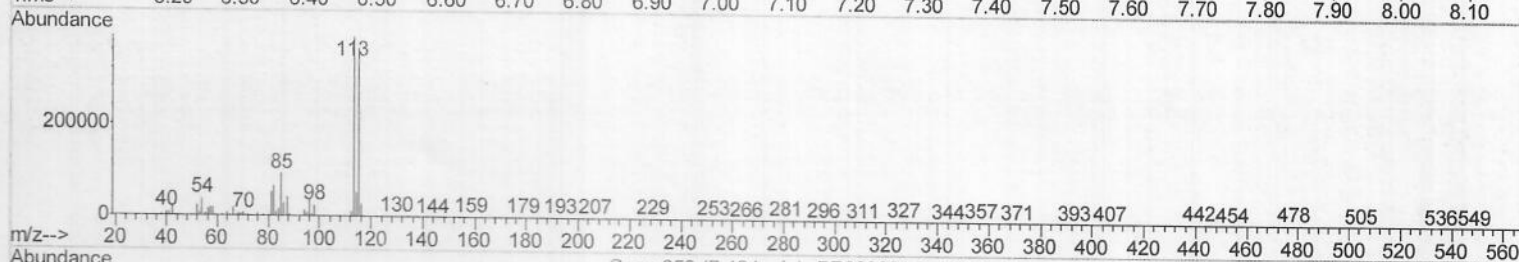
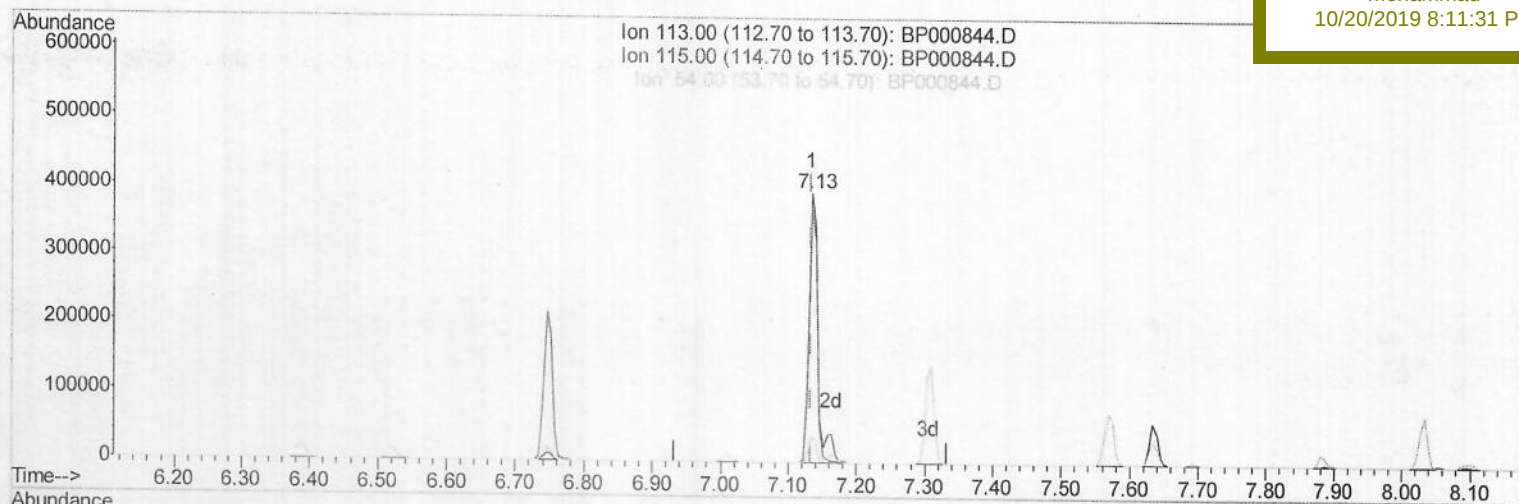
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(13) 4-Methylphenol-d8 (S)

7.134min (-0.000) 19.54ng/ul m

JU 10/19/19

response 359987

Ion	Exp%	Act%
113.00	100	100
115.00	97.30	93.89
54.00	9.90	9.67
0.00	0.00	0.00

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Misc :

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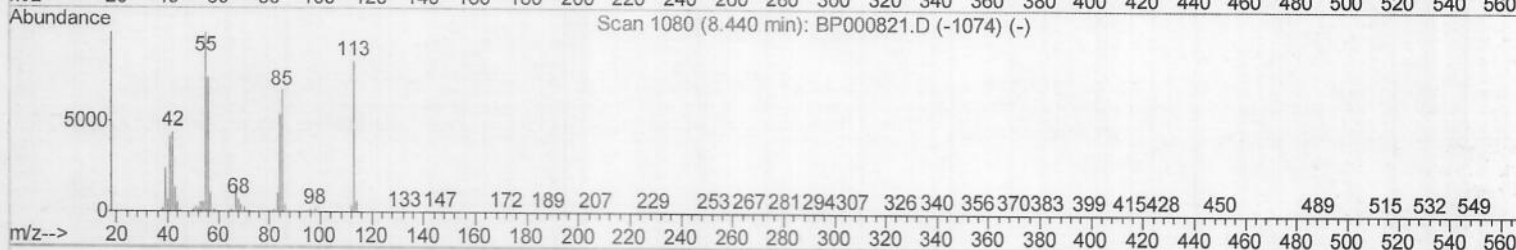
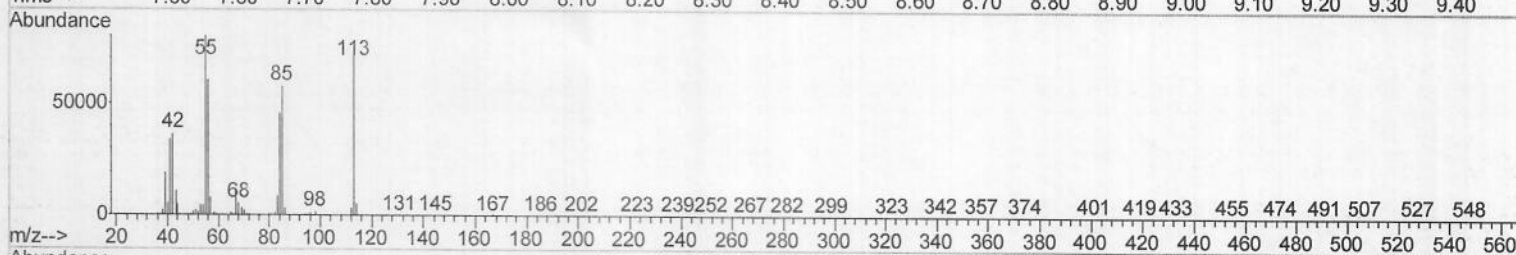
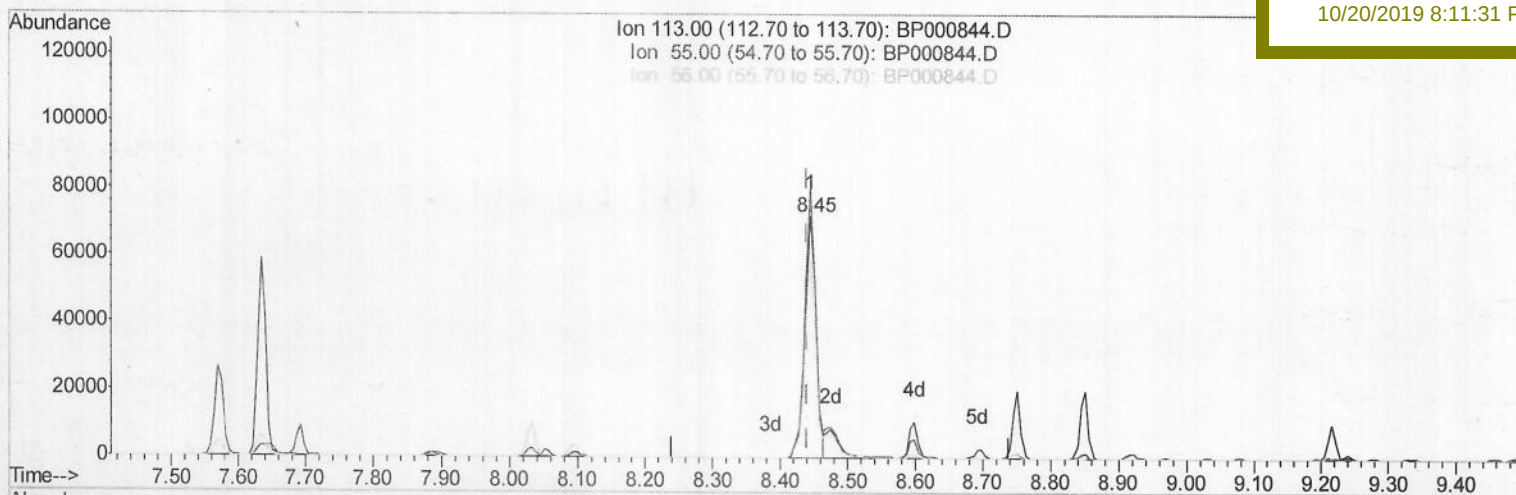
Response via : Initial Calibration

Instrument :

BNA_P

LabSampleId :

SSTD02090

Manual Integrations
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TIC: BP000844.D

(32) Caprolactam

8.446min (+0.006) 14.22ng/ul

response 79014

Ion	Exp%	Act%
113.00	100	100
55.00	116.30	111.22
56.00	86.80	84.15
0.00	0.00	0.00

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Misc :

ALS Vial : 2 Sample Multiplier: 1

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BNA_P

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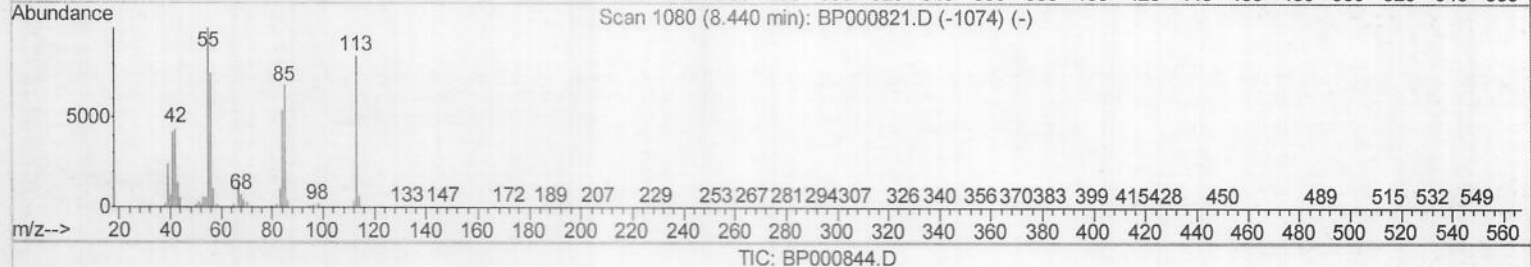
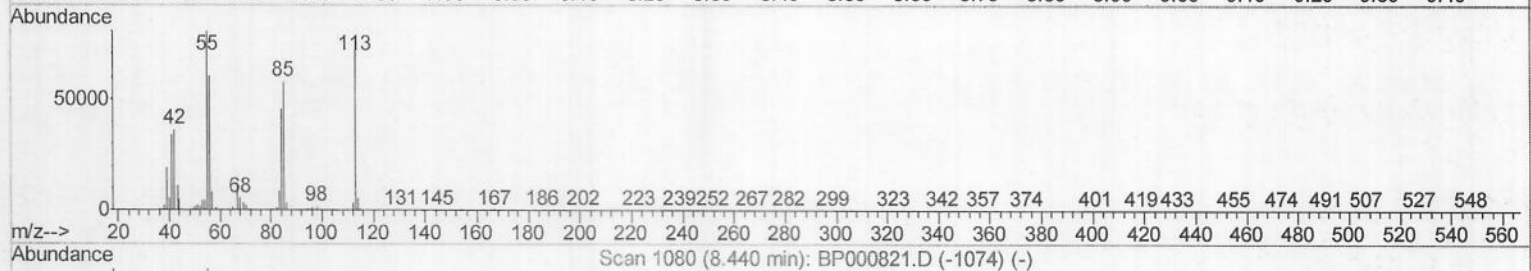
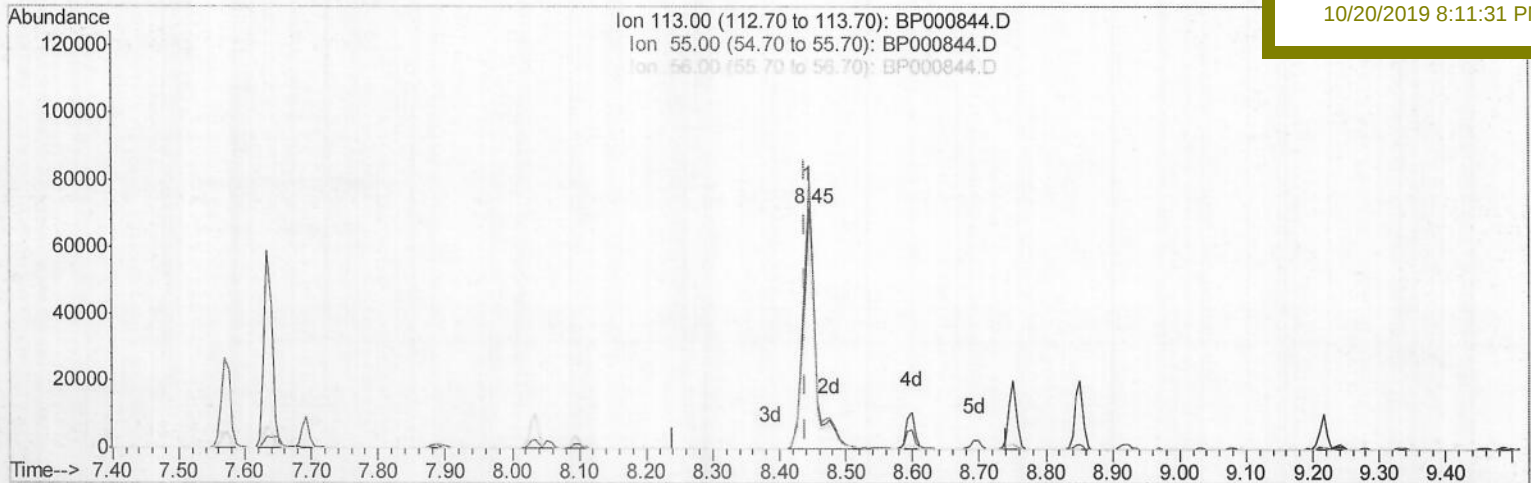
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Manual Integrations

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(3Z) Caprolactam

8.446min (+0.006) 16.30ng/ul m

JU 10/19/19

response 90553

Ion	Exp%	Act%
113.00	100	100
55.00	116.30	111.22
56.00	86.80	84.15
0.00	0.00	0.00

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	312581	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	1135029	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	600155	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	998765	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	775594	20.00	ng/ul	0.00
86) Perylene-d12	15.46	264	895395	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.38	96	50808	6.74	ng/uL	-0.01
5) Phenol-d5	6.39	99	413322	17.14	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.43	67	204110	16.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	356916	17.57	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	359987m	19.54	ng/ul	0.00
19) Nitrobenzene-d5	7.31	128	163649	18.97	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	176943	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	323503	18.40	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	400820	20.50	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	764042	18.19	ng/ul	0.00
47) Acenaphthylene-d8	9.65	160	931722	18.03	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	81314	12.57	ng/ul	0.00
58) Fluorene-d10	10.32	176	632533	17.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.40	200	79691	16.75	ng/ul	0.00
71) Anthracene-d10	11.35	188	826983	17.88	ng/ul	0.00
79) Pyrene-d10	12.74	212	803064	18.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	793544	17.95	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	2.45	88	52522	6.822	ng/uL 93
4) Benzaldehyde	6.30	77	268654	17.676	ng/ul 94
6) Phenol	6.40	94	428200	17.616	ng/ul 99
8) Bis(2-Chloroethyl) ether	6.48	93	338588	17.778	ng/ul 100
10) 2-Chlorophenol	6.53	128	372502	17.602	ng/ul 98
11) 2-Methylphenol	7.01	108	329356	17.452	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.03	45	289483	16.739	ng/ul 95
14) Acetophenone	7.16	105	484551	17.773	ng/ul 97
15) N-Nitroso-di-n-propylamine	7.16	70	202989	16.568	ng/ul 97
16) 4-Methylphenol	7.16	108	333491	18.075	ng/ul 100
17) Hexachloroethane	7.26	117	145879	17.752	ng/ul 91
20) Nitrobenzene	7.33	77	326187	17.787	ng/ul 94
21) Isophorone	7.57	82	616915	17.397	ng/ul 98
23) 2-Nitrophenol	7.65	139	191000	19.029	ng/ul 95
24) 2,4-Dimethylphenol	7.69	107	357955	18.097	ng/ul 99
25) Bis(2-Chloroethoxy) methane	7.78	93	409208	17.487	ng/ul 100
27) 2,4-Dichlorophenol	7.90	162	316452	18.289	ng/ul 99
28) Naphthalene	8.06	128	1043605	18.241	ng/ul 99
30) 4-Chloroaniline	8.10	127	417827	21.319	ng/ul 99
31) Hexachlorobutadiene	8.18	225	214807	19.465	ng/ul 99
32) Caprolactam	8.45	113	90553m	16.296	ng/ul 95
33) 4-Chloro-3-methylphenol	8.60	107	300319	17.530	ng/ul 95
34) 2-Methylnaphthalene	8.75	142	714393	17.979	ng/ul 100

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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 09:27:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	8.85	142	676713	17.747	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	8.92	216	374913	19.846	ng/ul	98
38) Hexachlorocyclopentadiene	8.91	237	137753	24.719	ng/ul	99
39) 2,4,6-Trichlorophenol	9.03	196	211762	18.691	ng/ul	100
40) 2,4,5-Trichlorophenol	9.08	196	225243	18.317	ng/ul	98
41) 1,1'-Biphenyl	9.22	154	859875	18.775	ng/ul	99
42) 2-Chloronaphthalene	9.24	162	669656	18.754	ng/ul	99
43) 2-Nitroaniline	9.34	65	140166	17.382	ng/ul#	76
45) Dimethylphthalate	9.52	163	753266	17.994	ng/ul	100
46) 2,6-Dinitrotoluene	9.58	165	160615	19.342	ng/ul	97
48) Acenaphthylene	9.66	152	969911	18.188	ng/ul	100
49) 3-Nitroaniline	9.75	138	163093	18.779	ng/ul	89
50) Acenaphthene	9.83	153	659635	17.870	ng/ul	98
51) 2,4-Dinitrophenol	9.87	184	48800	15.961	ng/ul	96
53) 4-Nitrophenol	9.92	109	55190	12.490	ng/ul	97
54) Dibenzofuran	10.00	168	920386	17.915	ng/ul	99
55) 2,4-Dinitrotoluene	9.99	165	206551	18.008	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	10.13	232	147516	16.540	ng/ul#	85
57) Diethylphthalate	10.22	149	721461	17.845	ng/ul	98
59) Fluorene	10.35	166	682179	17.087	ng/ul	98
60) 4-Chlorophenyl-phenylether	10.35	204	366480	17.918	ng/ul	98
61) 4-Nitroaniline	10.37	138	160190	16.197	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	83719	16.782	ng/ul#	91
65) N-Nitrosodiphenylamine	10.46	169	615337	19.316	ng/ul	100
66) 4-Bromophenyl-phenylether	10.83	248	232975	20.154	ng/ul	95
67) Hexachlorobenzene	10.91	284	237202	19.373	ng/ul	97
68) Atrazine	10.99	200	206703	19.118	ng/ul	99
69) Pentachlorophenol	11.11	266	79836	16.566	ng/ul	99
70) Phenanthrene	11.32	178	988083	18.153	ng/ul	100
72) Anthracene	11.37	178	987428	17.876	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	9.20	216	355415	21.572	ng/uL	99
74) Pentachlorobenzene	9.97	250	322255	20.859	ng/uL	99
75) Carbazole	11.53	167	859076	18.228	ng/ul	100
76) Di-n-butylphthalate	11.87	149	1067545	18.875	ng/ul	99
77) Fluoranthene	12.53	202	1023145	18.345	ng/ul	95
80) Pyrene	12.76	202	1014293	18.432	ng/ul	98
81) Butylbenzylphthalate	13.39	149	432965	19.253	ng/ul	99
82) 3,3'-Dichlorobenzidine	13.92	252	356700	18.104	ng/ul	99
83) Benzo(a)anthracene	13.96	228	934926	17.960	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	591158	19.777	ng/ul	100
85) Chrysene	14.00	228	879162	18.171	ng/ul	99
87) Di-n-octyl phthalate	14.58	149	1044314	20.343	ng/ul	100
88) Benzo(b)fluoranthene	15.03	252	965256	18.068	ng/ul	98
89) Benzo(k)fluoranthene	15.06	252	916582	18.017	ng/ul	98
91) Benzo(a)pyrene	15.39	252	889318	17.582	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.93	276	1048799	18.089	ng/ul	100
93) Dibenzo(a,h)anthracene	16.95	278	885528	18.632	ng/ul	97
94) Benzo(g,h,i)perylene	17.37	276	869466	18.011	ng/ul	97

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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