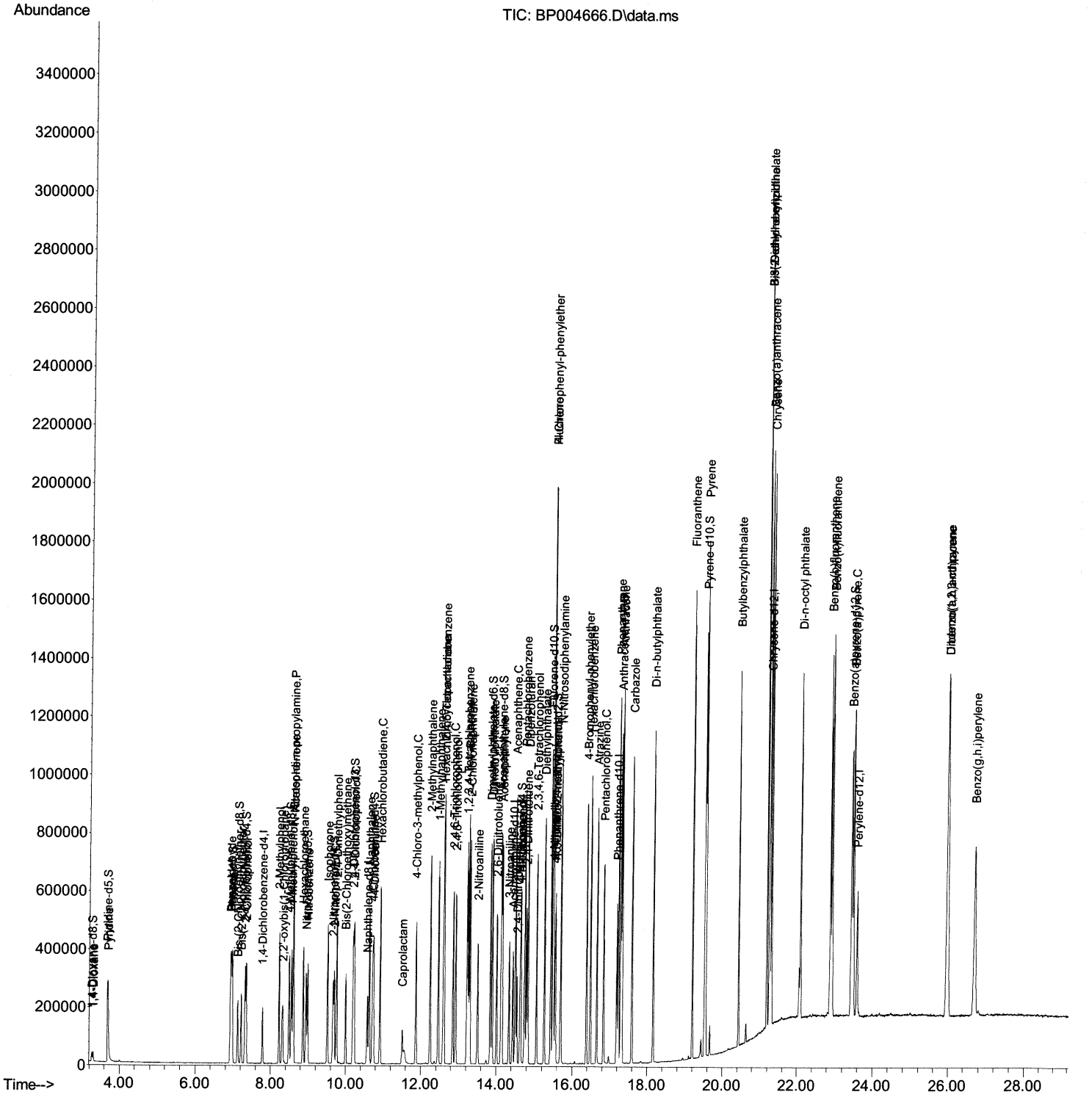
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012921\
Data File : BP004666.D
Acq On : 29 Jan 2021 13:27
Operator : CG/JU
Sample : SSTD04001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 14:17:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 13:32:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040001

Manual Integrations APPROVED
mohammad
2/1/2021 11:50:45 AM



Quantitation Report (Qedit)

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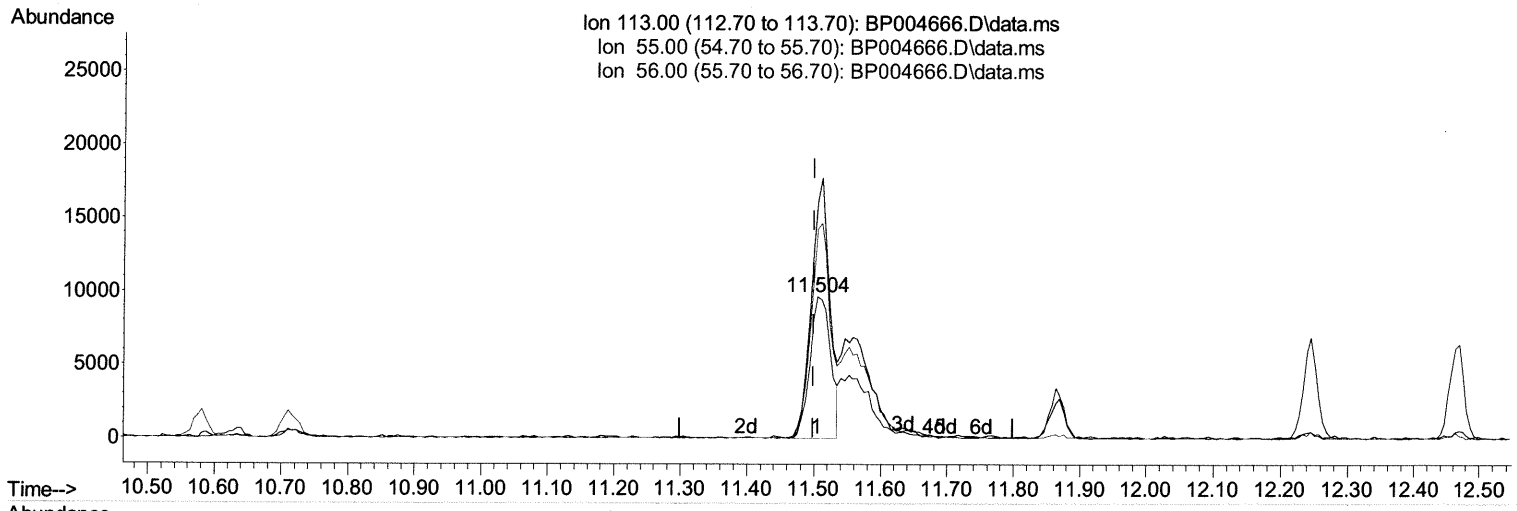

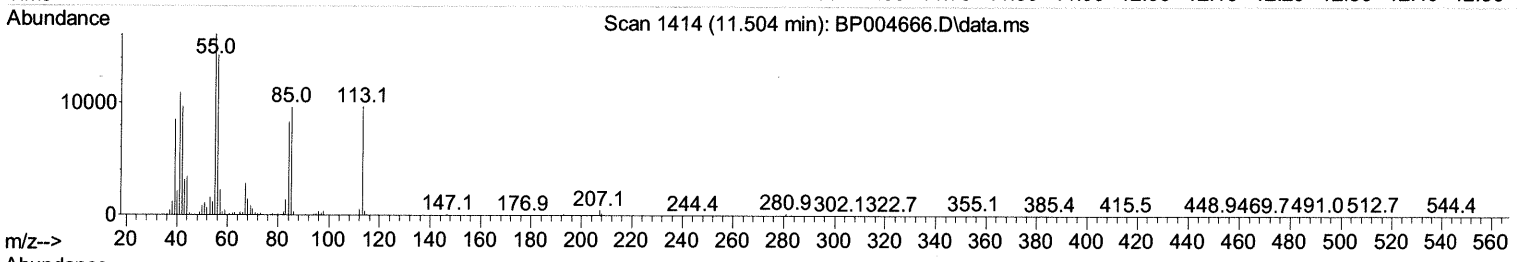

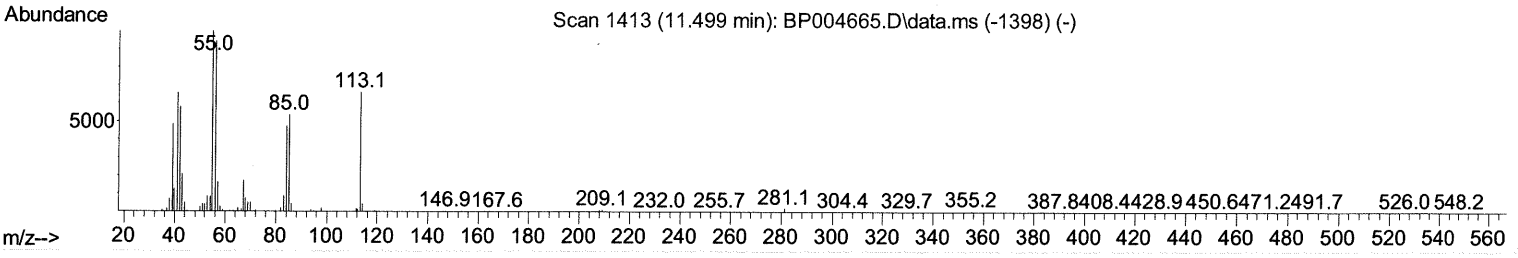

TIC: BP004666.D\data.ms

(34) Caprolactam

11.504min (+ 0.006) 22.79 ng/ul

response 20917

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.90	166.88
56.00	142.30	147.57
0.00	0.00	0.00

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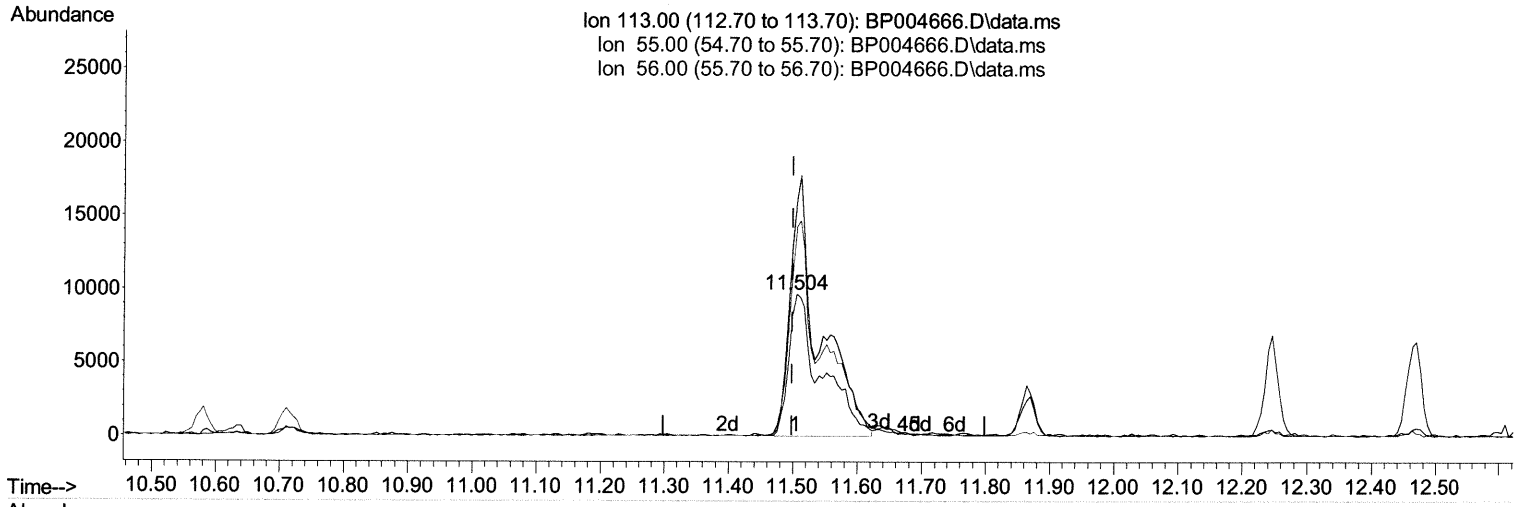

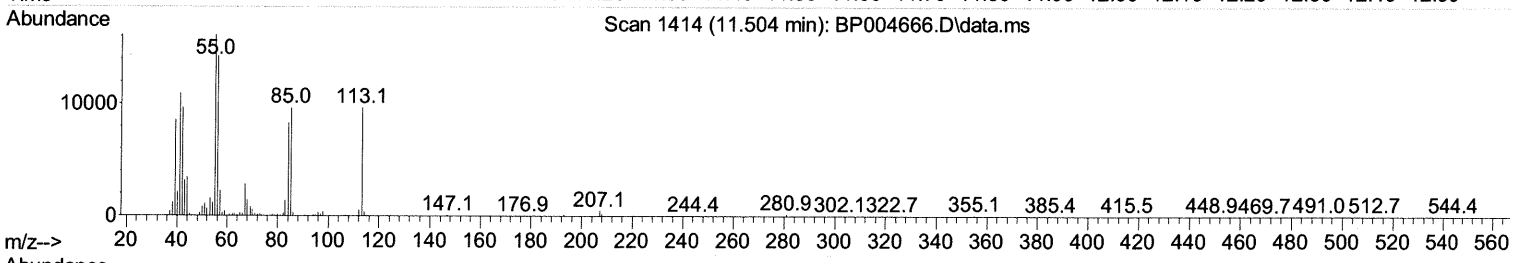

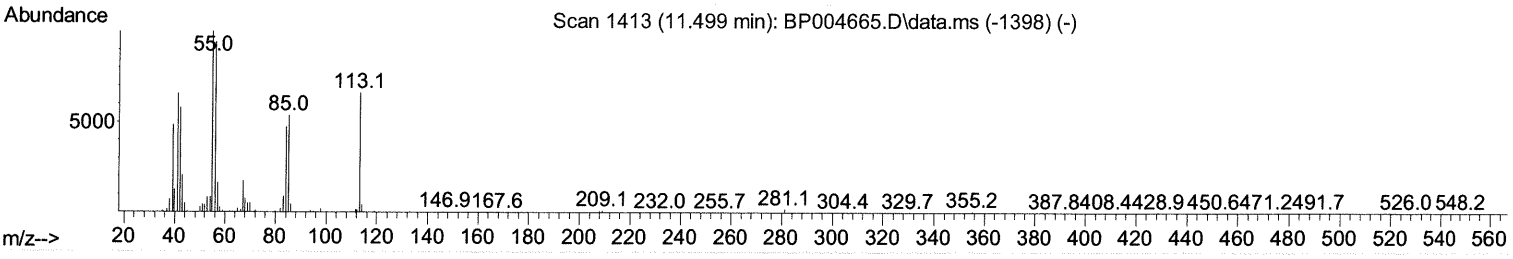

TIC: BP004666.D\data.ms

(34) Caprolactam

11.504min (+ 0.006) 37.13 ng/ul m 02/08/21 JU

response 34084

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.90	166.88
56.00	142.30	147.57
0.00	0.00	0.00

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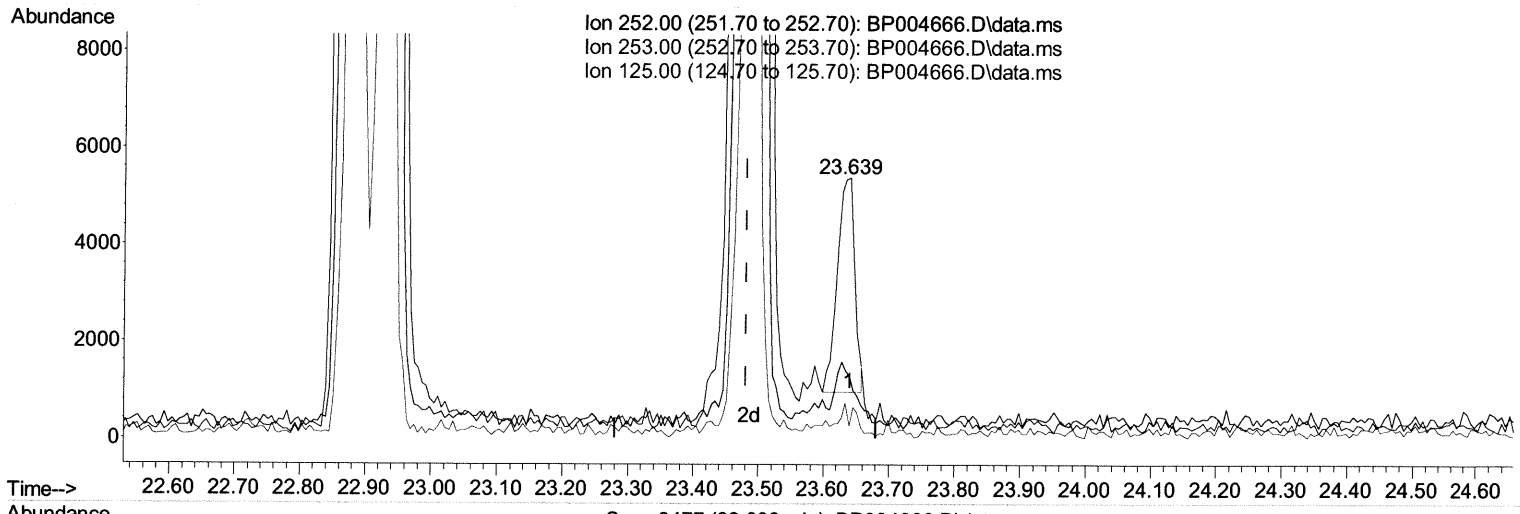

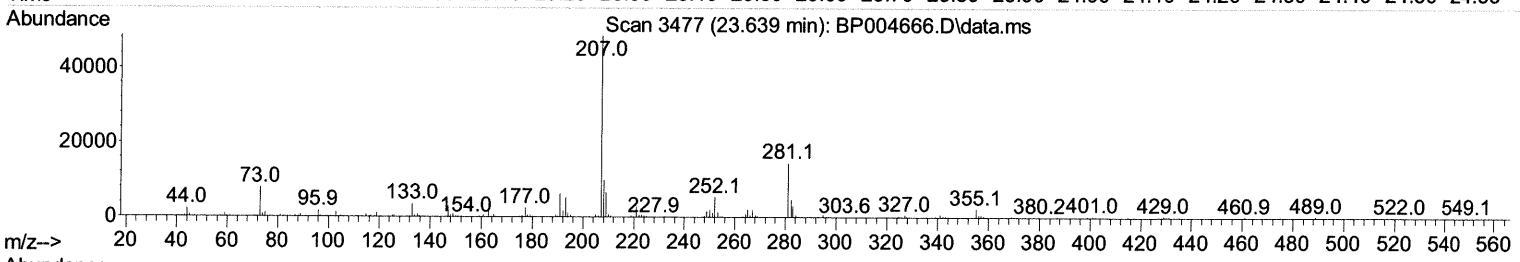

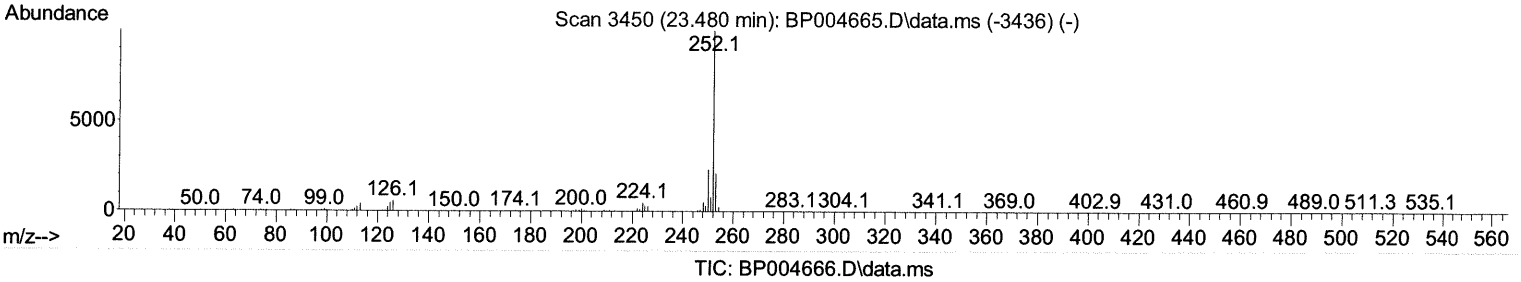

TIC: BP004666.D\data.ms

(93) Benzo(a)pyrene (C)

23.639min (+ 0.159) 0.41 ng/ul

response 8270

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.10	23.97
125.00	4.80	4.91
0.00	0.00	0.00

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Manual Integrations APPROVED
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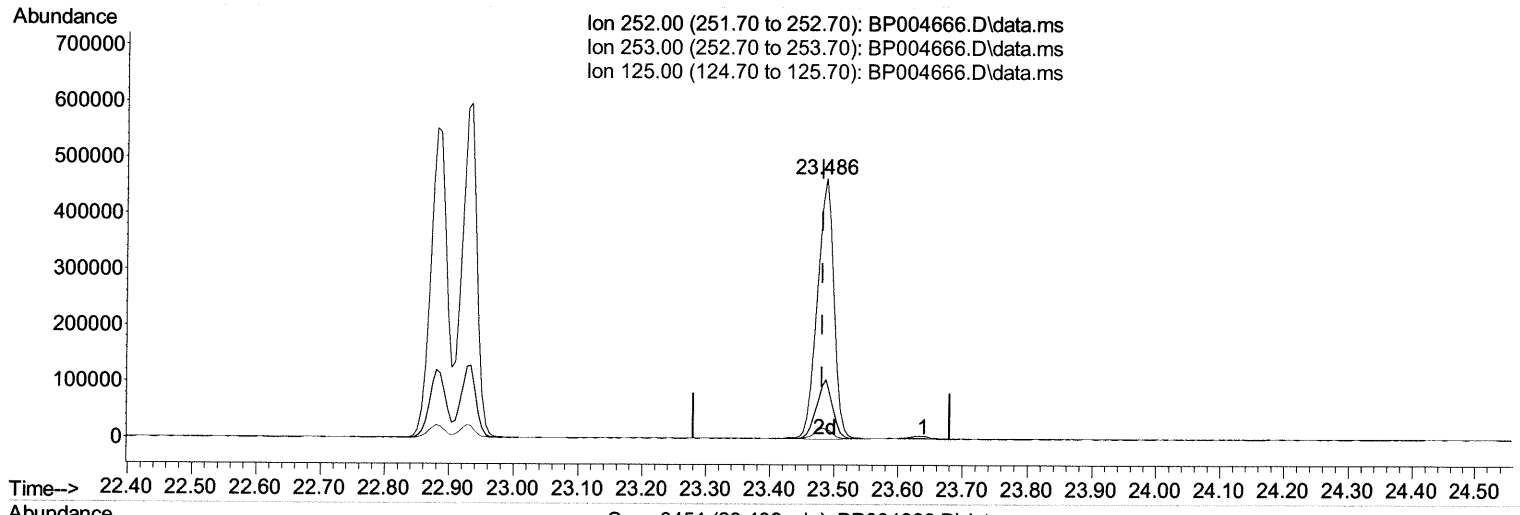

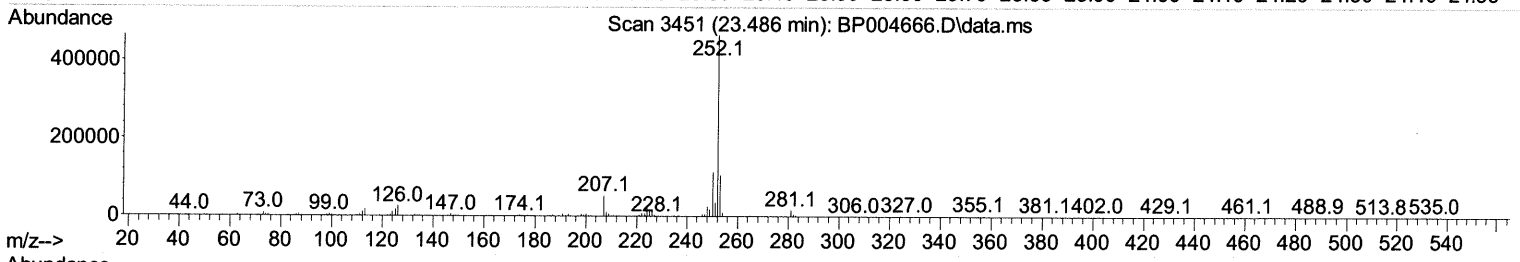

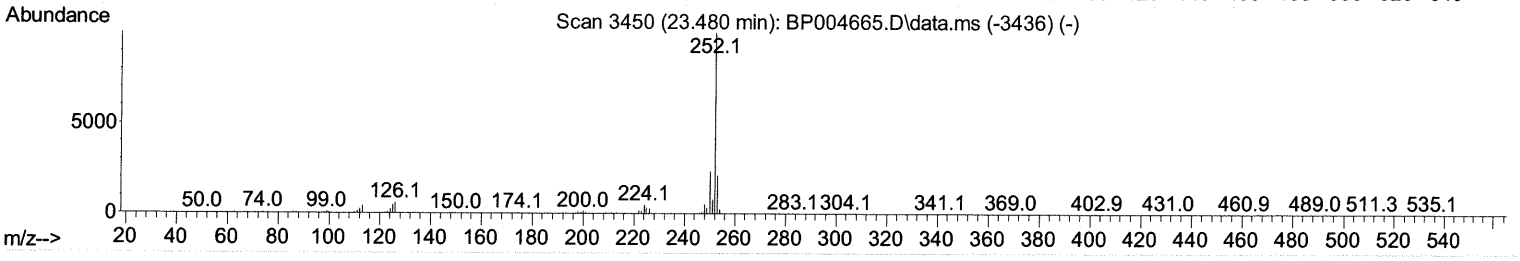

TIC: BP004666.D\data.ms

(93) Benzo(a)pyrene (C)

23.486min (+ 0.006) 41.65 ng/ul m 02/08/21 JU

response 832163

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.10	22.70
125.00	4.80	3.76#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	45063	20.00	ng/ul	0.00
20) Naphthalene-d8	10.581	136	160755	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	129893	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	318391	20.00	ng/ul	0.00
79) Chrysene-d12	21.269	240	346357	20.00	ng/ul	0.00
88) Perylene-d12	23.586	264	327476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	15816	16.99	ng/uL	0.00
4) Pyridine-d5	3.675	84	117003	46.53	ng/ul	0.00
7) Phenol-d5	6.952	99	145215	41.30	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	90724	46.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	102588	38.15	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	113227	39.14	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	50447	39.69	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	62917	37.93	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	142515	40.30	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	142226	37.68	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	435600	39.44	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	489199	38.80	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	63860	37.84	ng/ul	0.00
60) Fluorene-d10	15.428	176	389192	39.87	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	87077	37.73	ng/ul	0.00
73) Anthracene-d10	17.287	188	640368	40.01	ng/ul	0.00
81) Pyrene-d10	19.522	212	771966	39.31	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.439	264	780979	42.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	16456	16.93	ng/uL	97
5) Pyridine	3.699	79	115524	45.52	ng/ul	99
6) Benzaldehyde	6.928	77	105097	63.00	ng/ul	97
8) Phenol	6.975	94	153414	42.93	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.211	93	116239	42.86	ng/ul	95
12) 2-Chlorophenol	7.352	128	108577	40.61	ng/ul	99
13) 2-Methylphenol	8.222	108	113775	40.43	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.322	45	128337	46.89	ng/ul	97
16) Acetophenone	8.605	105	197048	41.40	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	113002	44.72	ng/ul	98
18) 4-Methylphenol	8.558	108	117931	38.86	ng/ul	91
19) Hexachloroethane	8.863	117	54010	39.33	ng/ul	96
22) Nitrobenzene	8.987	77	177502	46.45	ng/ul	99
23) Isophorone	9.510	82	295062	42.38	ng/ul	99
25) 2-Nitrophenol	9.693	139	65224	40.00	ng/ul	97
26) 2,4-Dimethylphenol	9.752	107	155935	43.02	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.993	93	154485	43.47	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	140317	42.02	ng/ul	98
30) Naphthalene	10.628	128	355374	40.06	ng/ul	100
32) 4-Chloroaniline	10.740	127	146024	39.55	ng/ul	95
33) Hexachlorobutadiene	10.916	225	127972	43.51	ng/ul	97
34) Caprolactam	11.504	113	34084m>	37.13	ng/ul>	02/08/21/JJ
35) 4-Chloro-3-methylphenol	11.863	107	138228	42.10	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.246	142	287118	40.53	ng/ul	96
37) 1-Methylnaphthalene	12.469	142	285582	42.07	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	231837	44.62	ng/ul	98
40) Hexachlorocyclopentadiene	12.599	237	156911	39.33	ng/ul	95
41) 2,4,6-Trichlorophenol	12.857	196	134667	41.95	ng/ul	95
42) 2,4,5-Trichlorophenol	12.922	196	145867	43.39	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	412370	40.71	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	342984	40.85	ng/ul	99
45) 2-Nitroaniline	13.504	65	109470	47.50	ng/ul	93
47) Dimethylphthalate	13.893	163	438198	39.65	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	90647	40.29	ng/ul	97
50) Acenaphthylene	14.151	152	475276	39.78	ng/ul	99
51) 3-Nitroaniline	14.334	138	70844	47.57	ng/ul	90
52) Acenaphthene	14.498	153	340748	39.91	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	59364	38.91	ng/ul	92
55) 4-Nitrophenol	14.645	109	88652	42.17	ng/ul	95
56) Dibenzofuran	14.834	168	527836	40.85	ng/ul	99
57) 2,4-Dinitrotoluene	14.793	165	129351	40.95	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.057	232	140541	41.88	ng/ul	99
59) Diethylphthalate	15.263	149	420010	39.07	ng/ul	98
61) Fluorene	15.487	166	443265	40.76	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.481	204	271893	42.42	ng/ul	98
63) 4-Nitroaniline	15.504	138	75695	51.69	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.557	198	87613	36.18	ng/ul	92
67) N-Nitrosodiphenylamine	15.698	169	376946	39.43	ng/ul	98
68) 4-Bromophenyl-phenylether	16.381	248	178270	40.04	ng/ul	95
69) Hexachlorobenzene	16.487	284	199066	39.92	ng/ul	98
70) Atrazine	16.651	200	171579	38.95	ng/ul	98
71) Pentachlorophenol	16.834	266	120336	37.57	ng/ul	93
72) Phenanthrene	17.228	178	742347	40.32	ng/ul	100
74) Anthracene	17.322	178	754319	40.03	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.228	216	234827	44.87	ng/uL	96
76) Pentachlorobenzene	14.751	250	245967	42.90	ng/uL	98
77) Carbazole	17.592	167	623063	39.96	ng/ul	100
78) Di-n-butylphthalate	18.151	149	695572	37.39	ng/ul	99
80) Fluoranthene	19.198	202	952256	38.05	ng/ul	99
82) Pyrene	19.551	202	972126	38.51	ng/ul	99
83) Butylbenzylphthalate	20.427	149	302221	36.43	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.186	252	367777	42.46	ng/ul	99
85) Benzo(a)anthracene	21.257	228	968493	40.98	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.186	149	449945	37.75	ng/ul	98
87) Chrysene	21.304	228	927215	41.26	ng/ul	100
89) Di-n-octyl phthalate	22.086	149	719398	39.02	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	962430	43.72	ng/ul	100
91) Benzo(k)fluoranthene	22.933	252	957703	44.28	ng/ul	98
93) Benzo(a)pyrene	23.486	252	832163m >	41.65	ng/ul >	02/08/21 JU
94) Indeno(1,2,3-cd)pyrene	25.968	276	1057802	40.76	ng/ul	99
95) Dibenzo(a,h)anthracene	25.986	278	892562	40.36	ng/ul	97
96) Benzo(g,h,i)perylene	26.698	276	869134	40.48	ng/ul	99

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