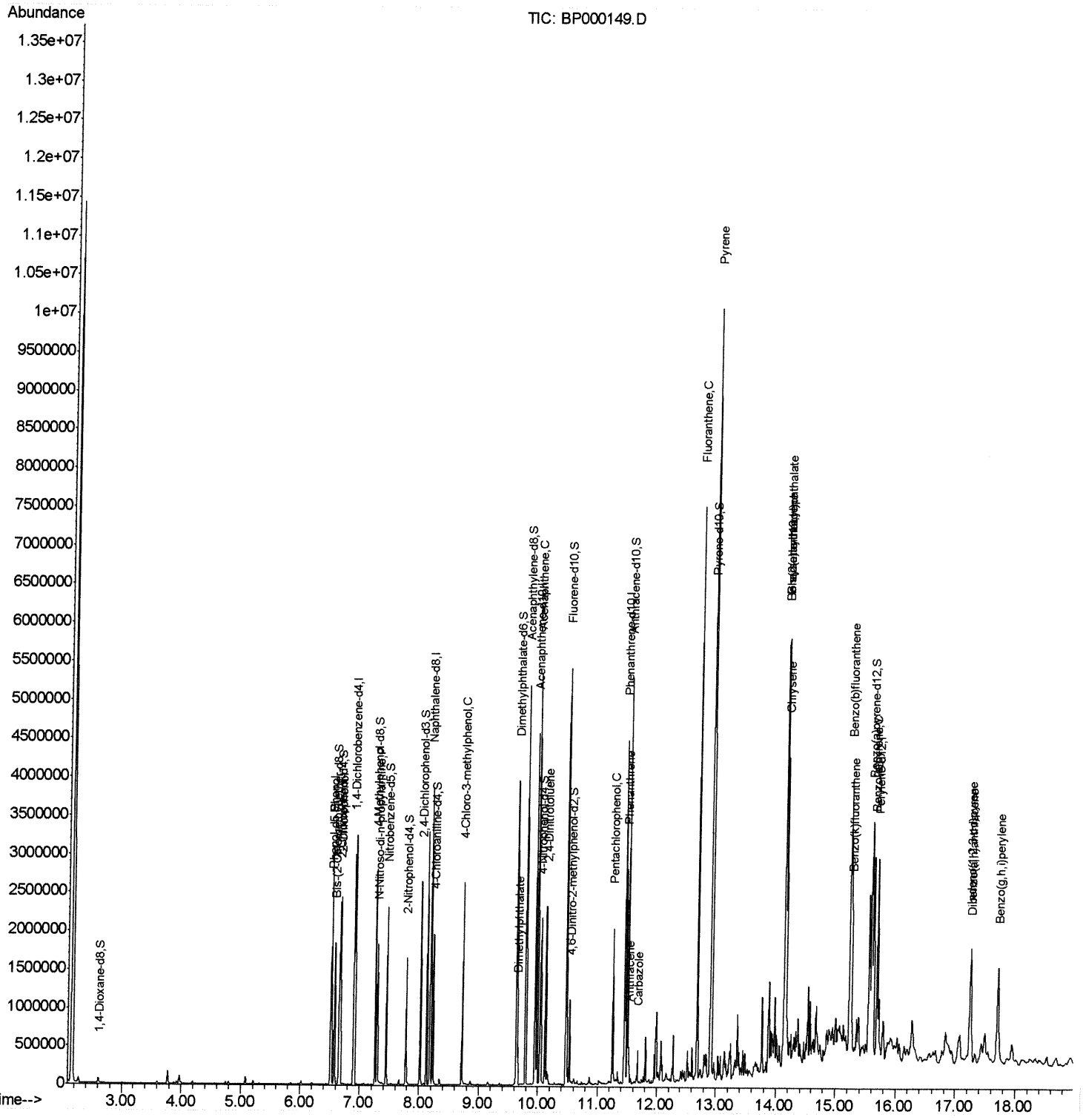
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000149.D
Acq On : 09 Sep 2019 22:04
Operator : HP/JU
Sample : K4634-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 10 05:16:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F2D21MS

Manual Integrations APPROVED
mohammad
9/10/2019 2:52:35 PM



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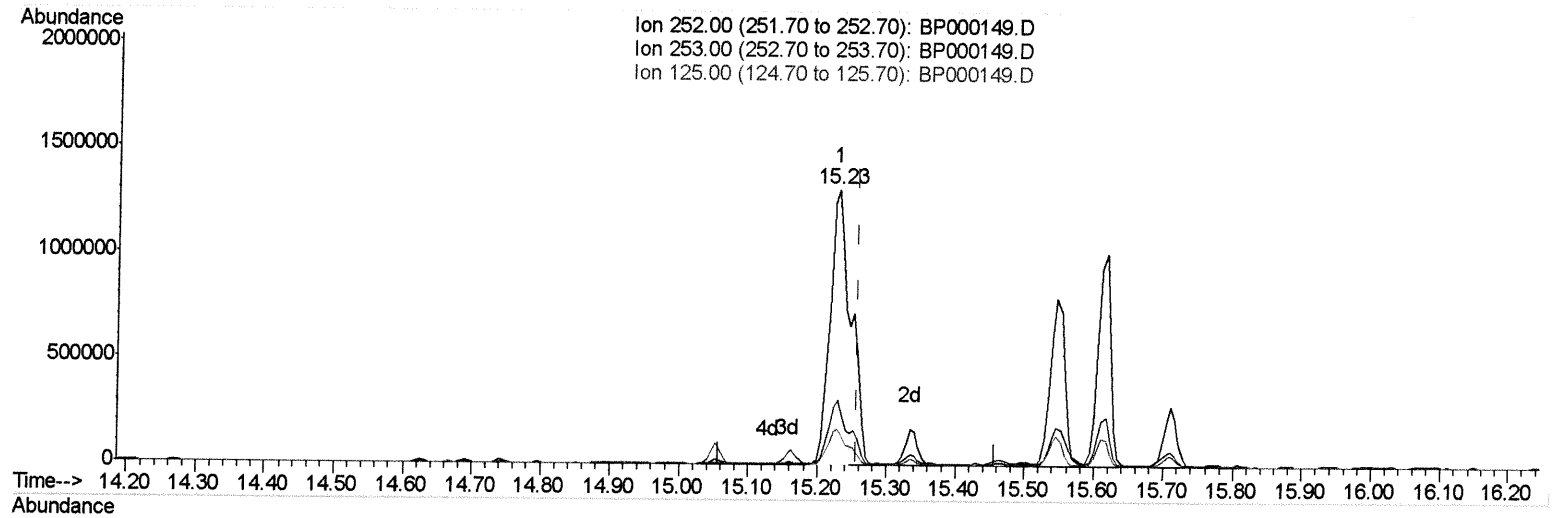

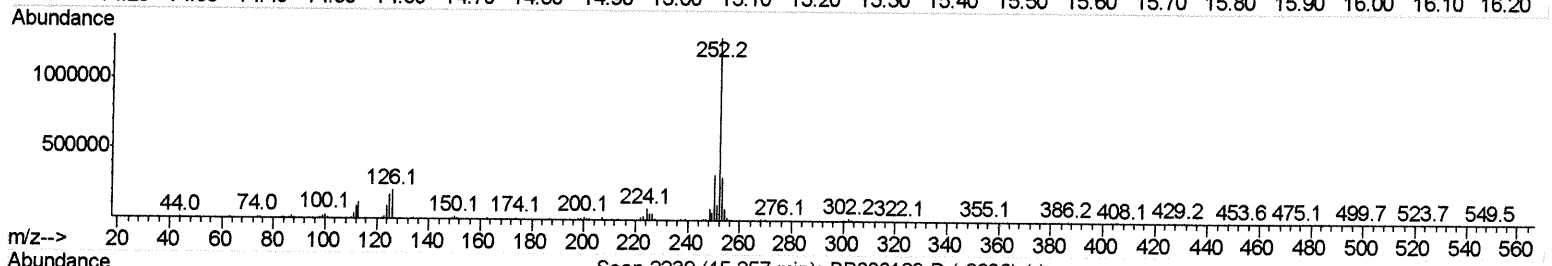

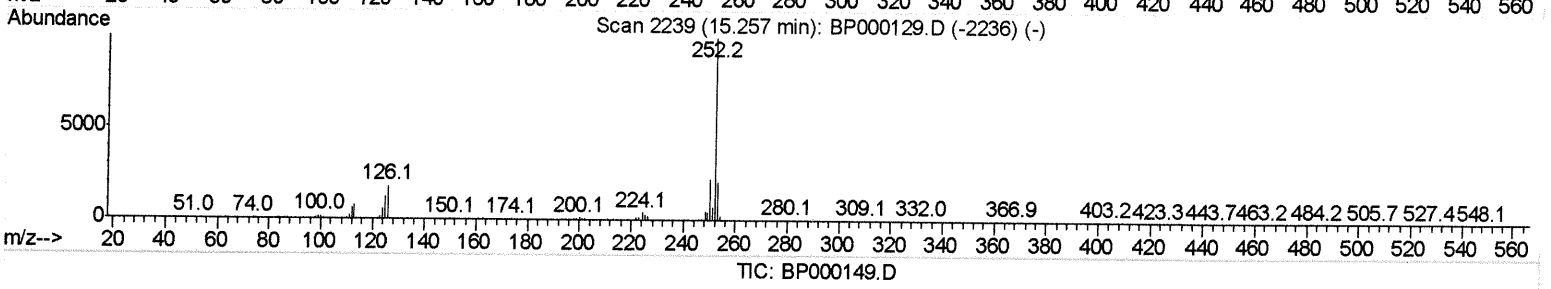

TIC: BP000149.D

(89) Benzo(k)fluoranthene

15.228min (-0.029) 28.92ng/ul

response 2221667

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.48
125.00	12.70	13.27
0.00	0.00	0.00

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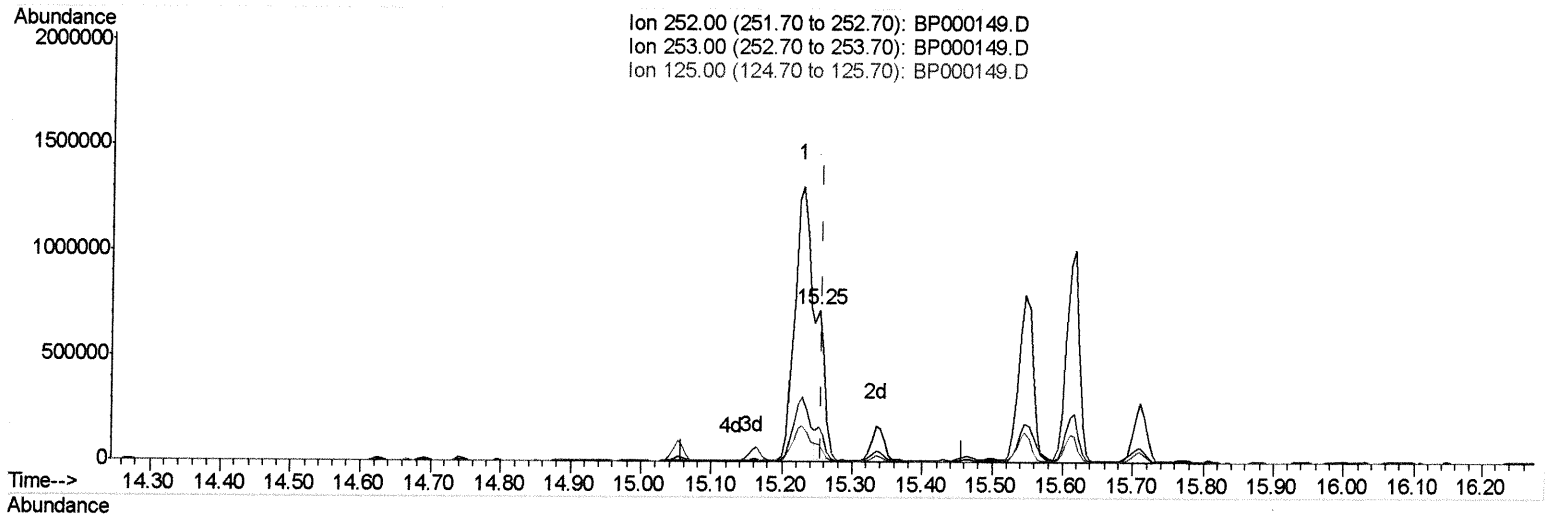

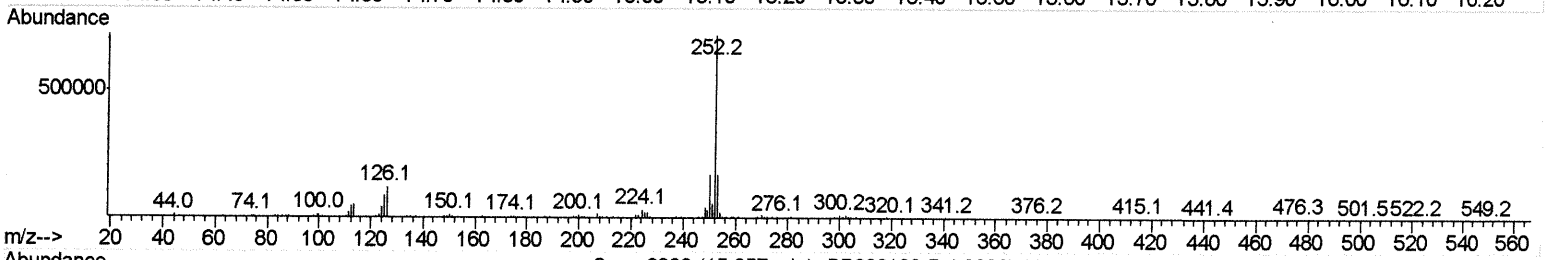

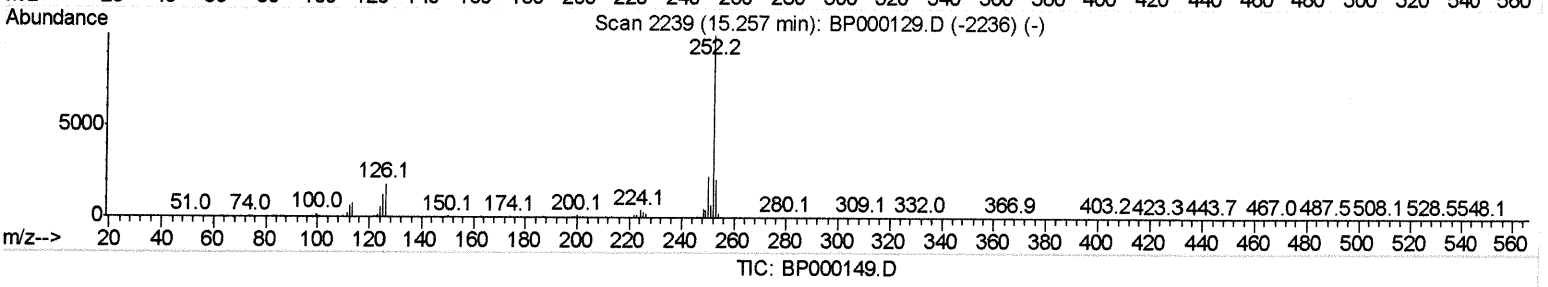

TIC: BP000149.D

(89) Benzo(k)fluoranthene

15.251min (-0.006) 6.54ng/ul m

JU 09/10/19

response 502214

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.29
125.00	12.70	11.46
0.00	0.00	0.00

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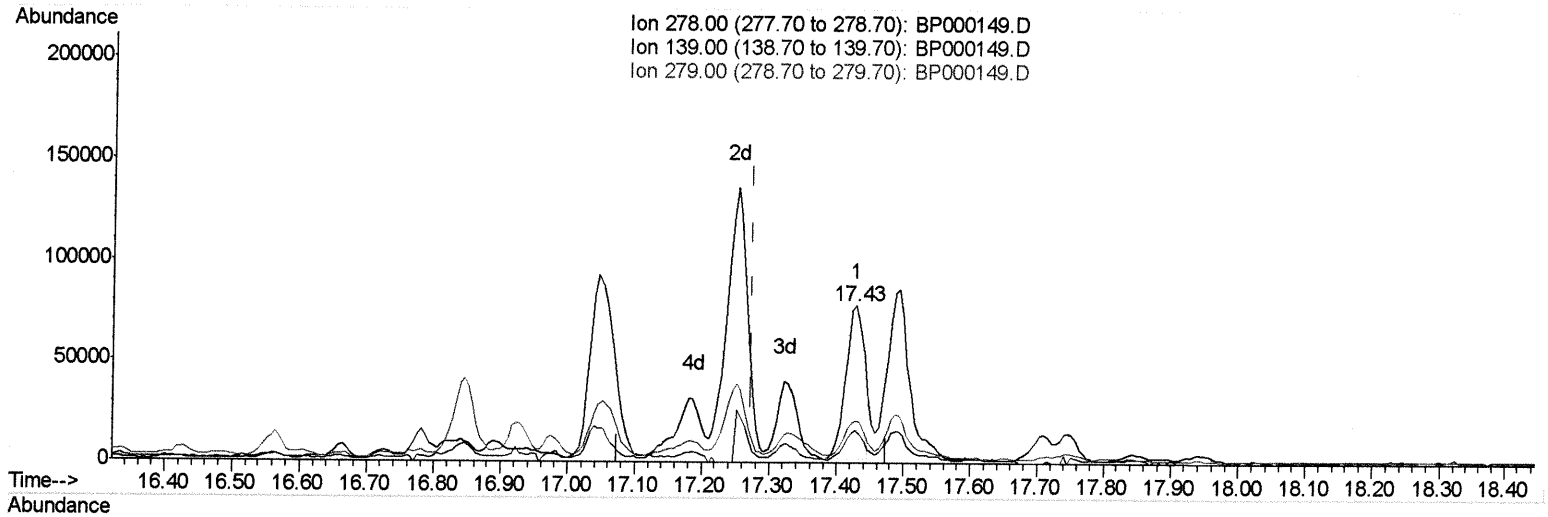

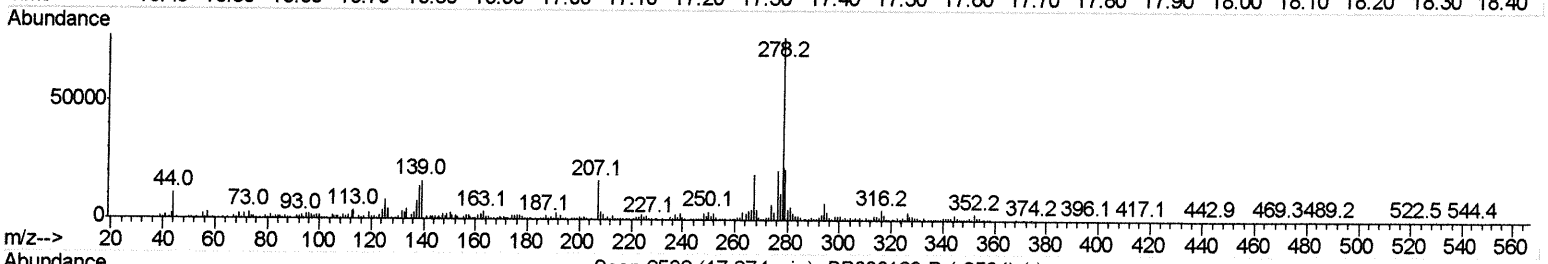

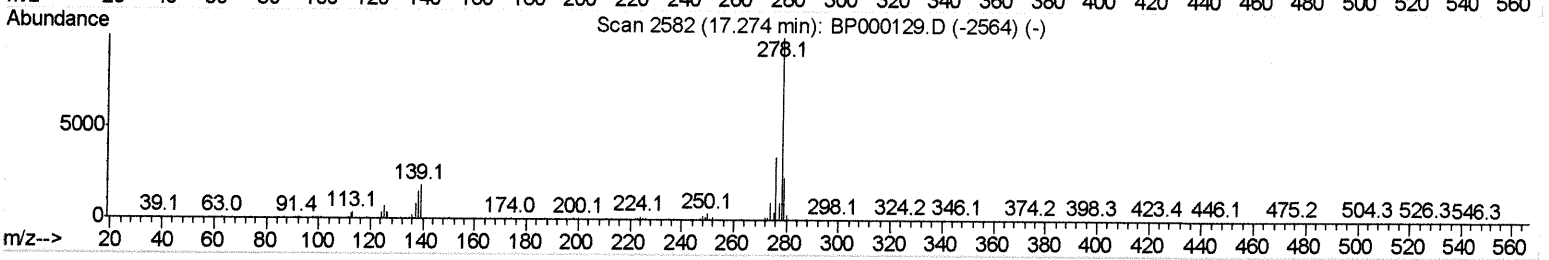

TIC: BP000149.D

(93) Dibenzo(a,h)anthracene

17.428min (+0.153) 2.01ng/ul

response 146379

Ion	Exp%	Act%
278.00	100	100
139.00	18.90	20.68
279.00	24.00	27.31
0.00	0.00	0.00

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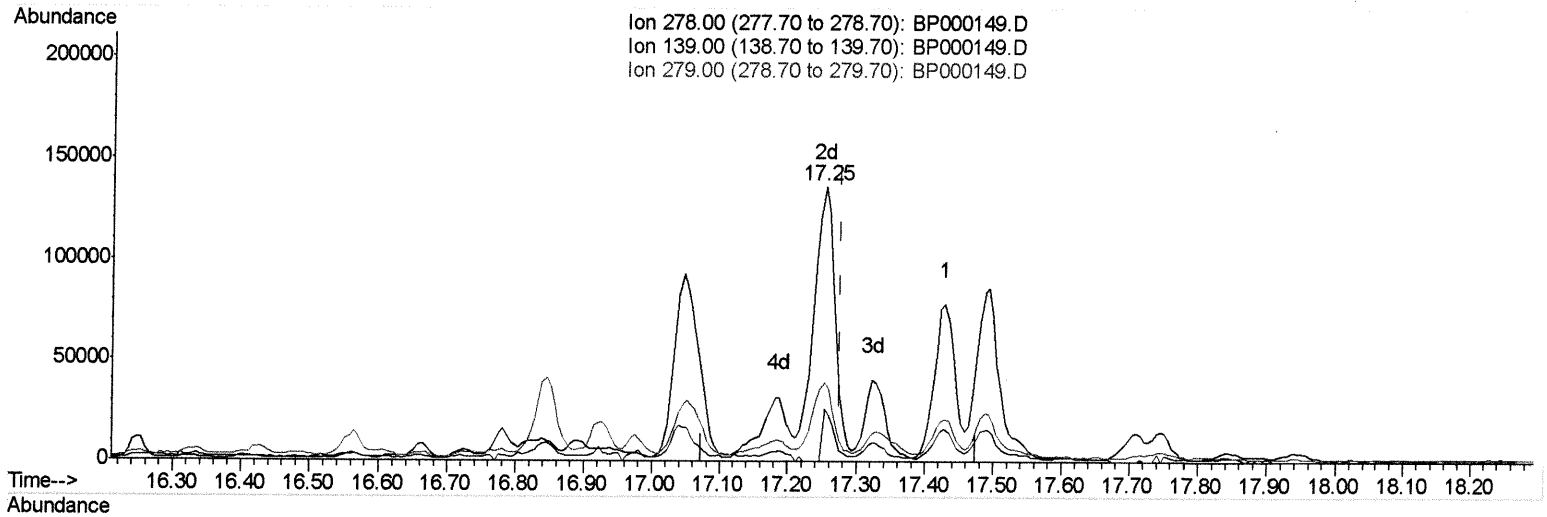

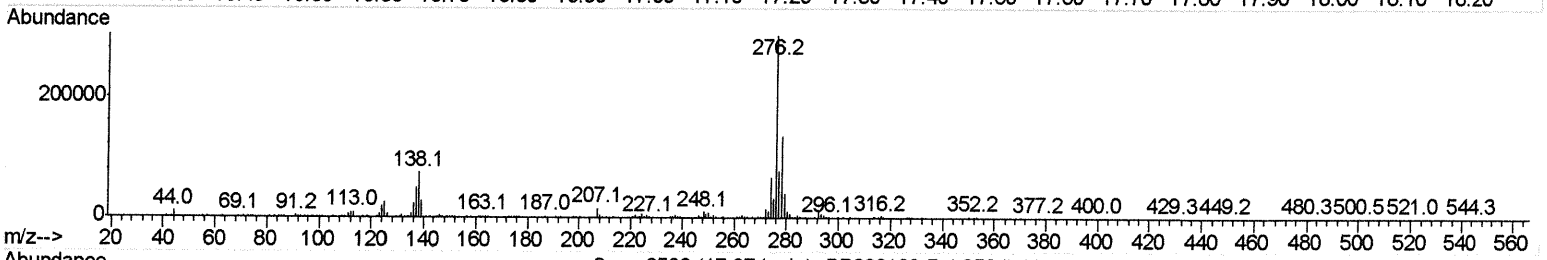

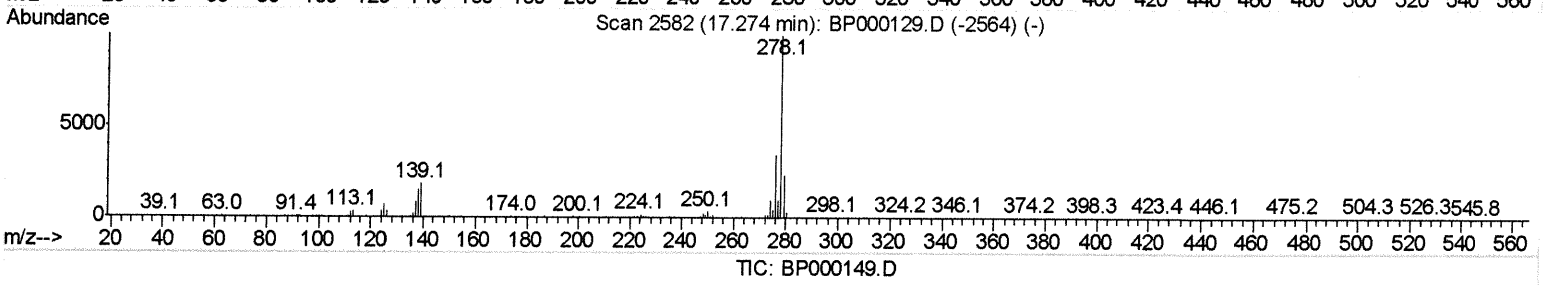

TIC: BP000149.D

(93) Dibenzo(a,h)anthracene

17.251min (-0.023) 3.68ng/ul m JU 09/10/19

response 268410

Ion	Exp%	Act%
278.00	100	100
139.00	18.90	19.16
279.00	24.00	28.85#
0.00	0.00	0.00

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Manual Integrations APPROVED
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9/10/2019 2:52:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	417249	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1613327	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	870314	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1558675	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1179471	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1229606	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.61	96	42603	3.62	ng/uL	0.00
5) Phenol-d5	6.51	99	738780	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	412030	22.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	625344	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	509664	19.09	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	296401	24.20	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	309231	25.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	544470	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	519196	16.59	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1590678	24.75	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1870519	23.55	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	201919	17.58	ng/ul	0.00
58) Fluorene-d10	10.47	176	1265074	23.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	142210	19.85	ng/ul	0.00
71) Anthracene-d10	11.50	188	1665352	22.06	ng/ul	0.00
79) Pyrene-d10	12.90	212	1822937	25.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1582211	24.82	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.52	94	838127	22.628	ng/ul	99
10) 2-Chlorophenol	6.68	128	582224	19.190	ng/ul	97
15) N-Nitroso-di-n-propylamine	7.29	70	401716	21.351	ng/ul	98
33) 4-Chloro-3-methylphenol	8.72	107	518611	20.138	ng/ul	96
45) Dimethylphthalate	9.65	163	300729	4.637	ng/ul	100
50) Acenaphthene	9.98	153	1254366	21.818	ng/ul	98
53) 4-Nitrophenol	10.04	109	167370	19.583	ng/ul	92
55) 2,4-Dinitrotoluene	10.12	165	365111	21.617	ng/ul#	99
69) Pentachlorophenol	11.25	266	197207	18.276	ng/ul	99
70) Phenanthrene	11.47	178	940021	10.198	ng/ul	99
72) Anthracene	11.52	178	155243	1.712	ng/ul	99
75) Carbazole	11.68	167	147383	1.900	ng/ul	98
77) Fluoranthene	12.68	202	2864791	30.814	ng/ul	96
80) Pyrene	12.92	202	4093330	46.000	ng/ul	99
83) Benzo(a)anthracene	14.13	228	1435175	16.810	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	14.15	149	83630	1.725	ng/ul	100
85) Chrysene	14.16	228	1434001	18.303	ng/ul	98
88) Benzo(b)fluoranthene	15.23	252	2221667	27.261	ng/ul	97
89) Benzo(k)fluoranthene	15.25	252	502214m>	6.537	ng/ul>	JU 09/10/19
91) Benzo(a)pyrene	15.62	252	1265242	16.547	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	17.24	276	1026808	11.673	ng/ul	99
93) Dibenzo(a,h)anthracene	17.25	278	268410m>	3.684	ng/ul>	JU 09/10/19
94) Benzo(g,h,i)perylene	17.71	276	1017188	13.869	ng/ul	98

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9/10/2019 2:52:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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