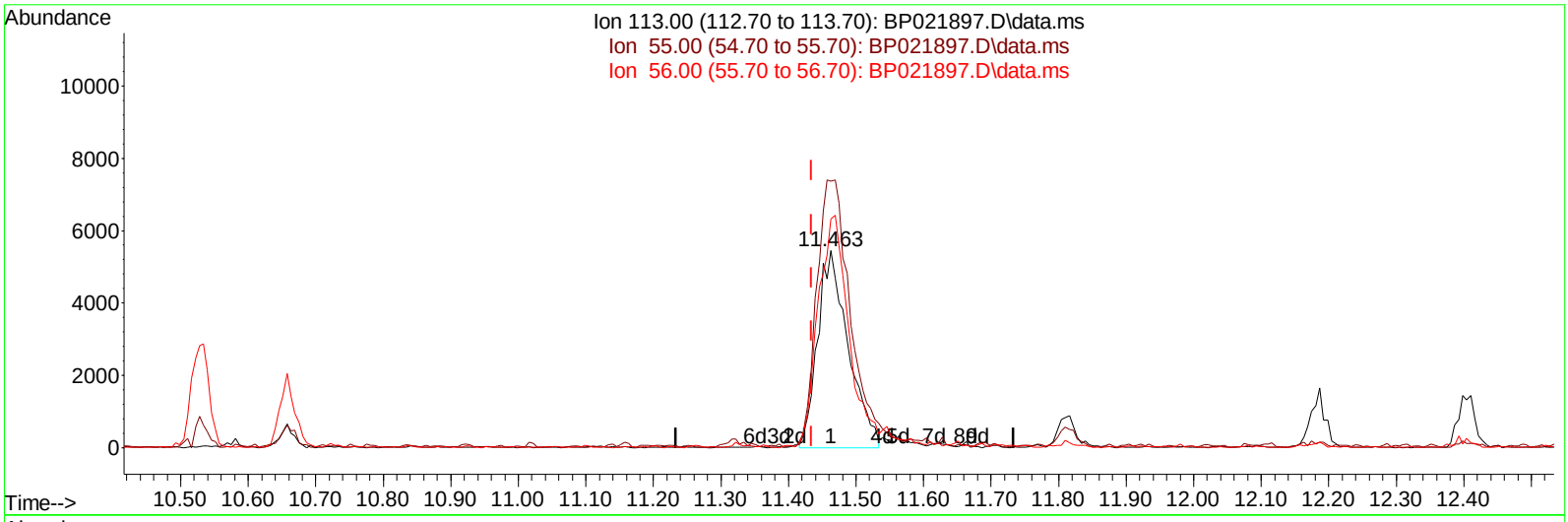
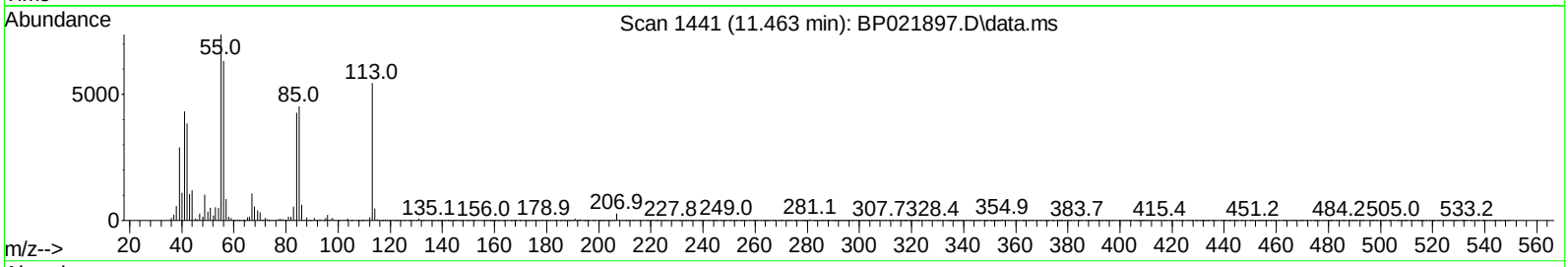
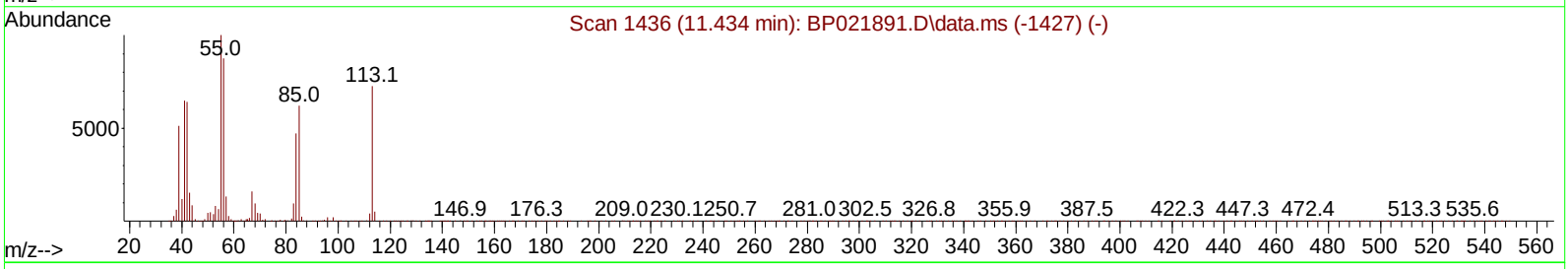
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021897.D
Acq On : 12 Sep 2024 15:32
Operator : RC/JU
Sample : P3391-05
Misc : SFAM-MDL-Q3-ME SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 16:08:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration







TIC: BP021897.D\data.ms

(34) Caprolactam

11.463min (+ 0.029) 6.54 ng/ul

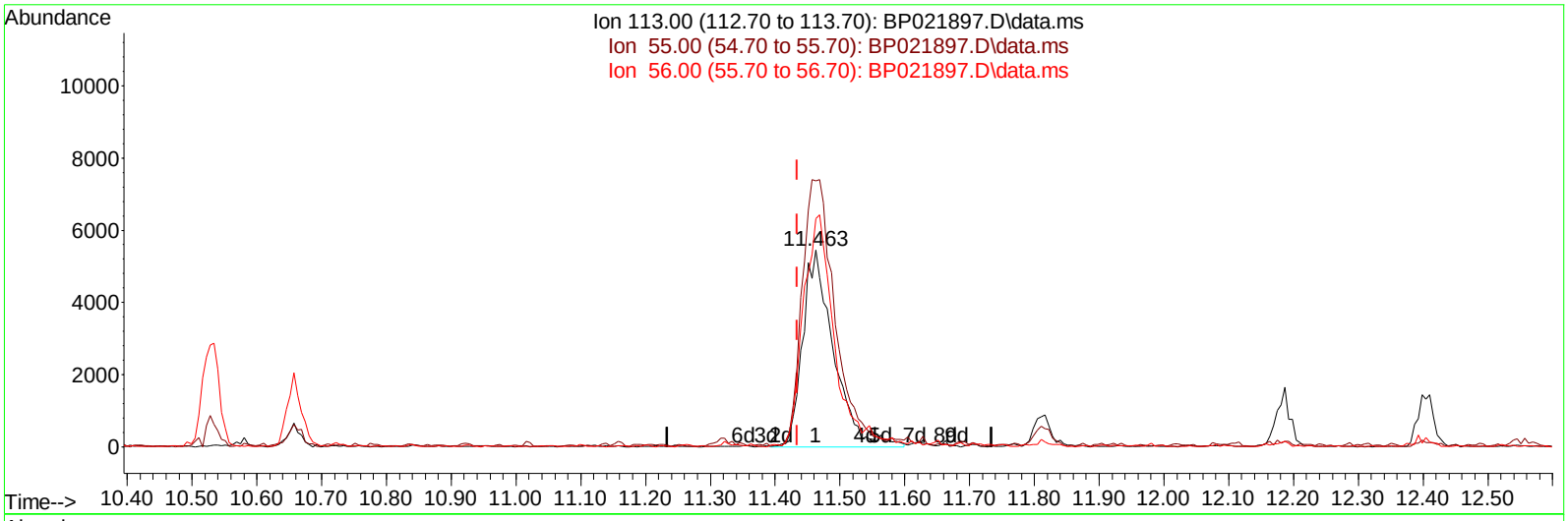
response 17178

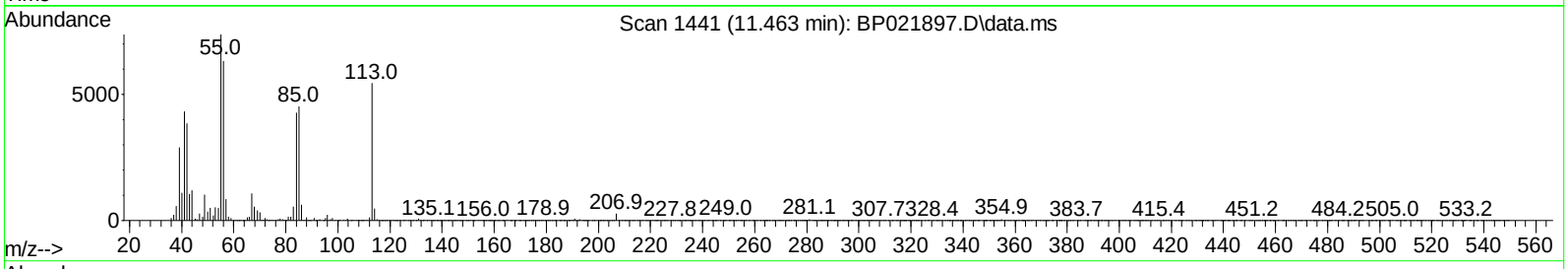
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.10	135.33
56.00	108.00	116.08
0.00	0.00	0.00

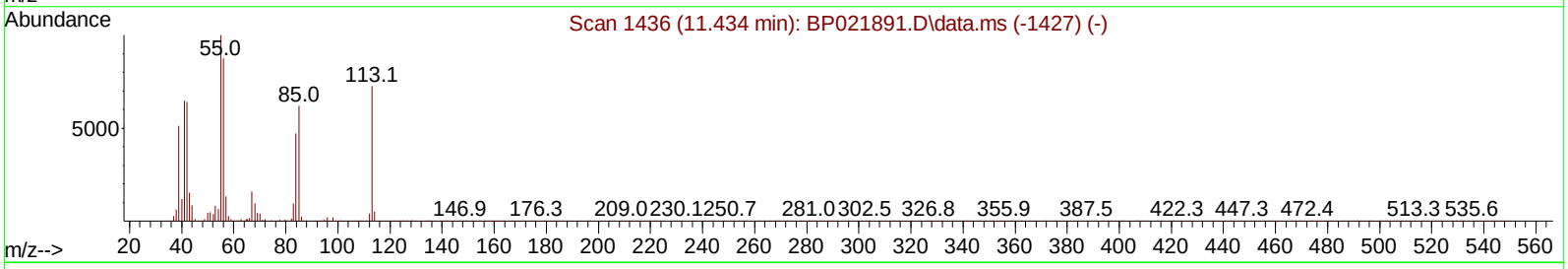
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021897.D
Acq On : 12 Sep 2024 15:32
Operator : RC/JU
Sample : P3391-05
Misc : SFAM-MDL-Q3-ME SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 16:08:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration







TIC: BP021897.D\data.ms

(34) Caprolactam

11.463min (+ 0.029) 6.84 ng/ul m

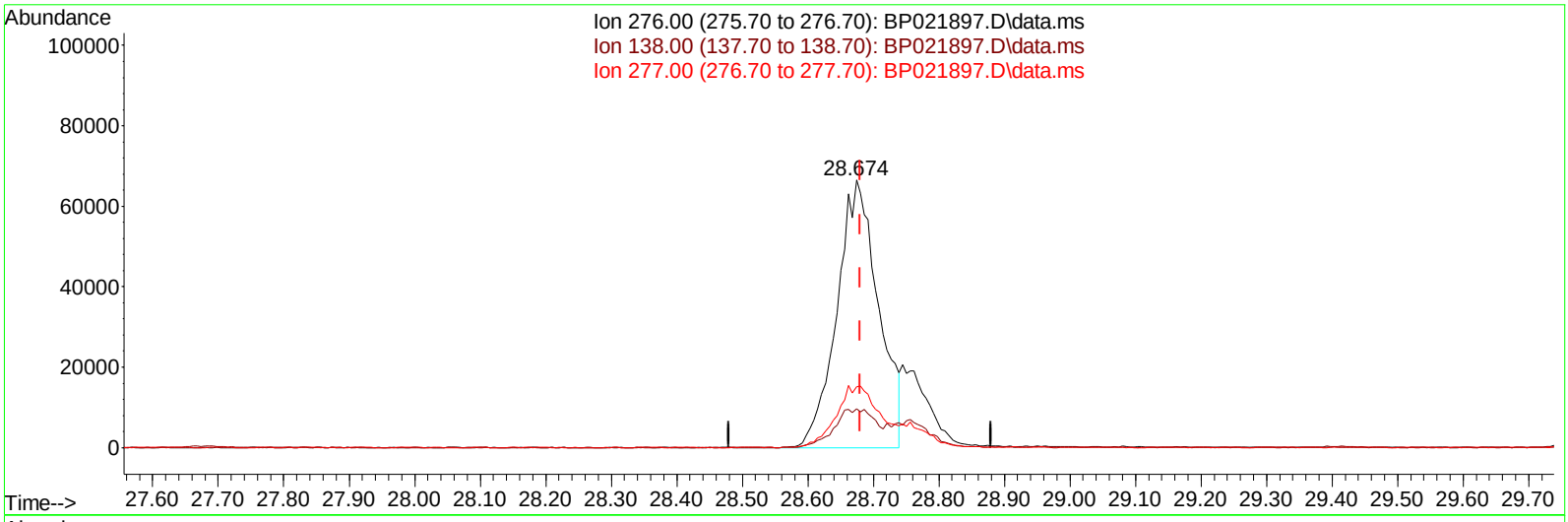
response 17967

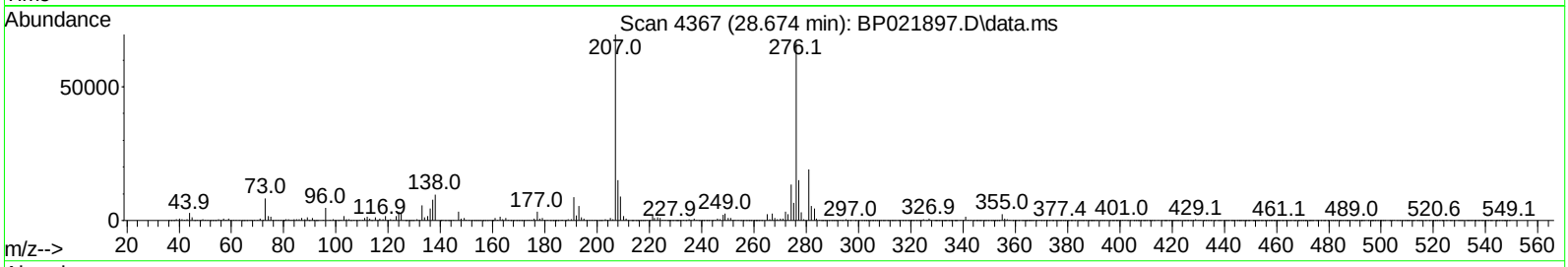
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.10	135.33
56.00	108.00	116.08
0.00	0.00	0.00

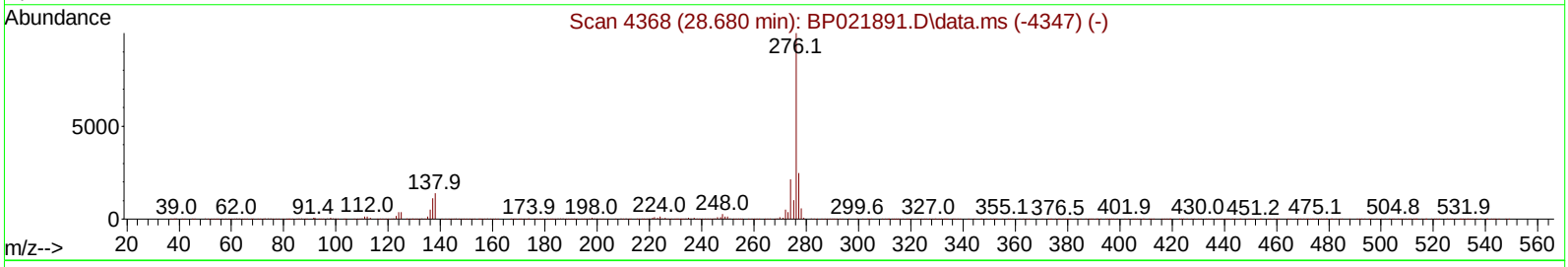
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021897.D
Acq On : 12 Sep 2024 15:32
Operator : RC/JU
Sample : P3391-05
Misc : SFAM-MDL-Q3-ME SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 16:08:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration







TIC: BP021897.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.674min (-0.006) 4.03 ng/ul

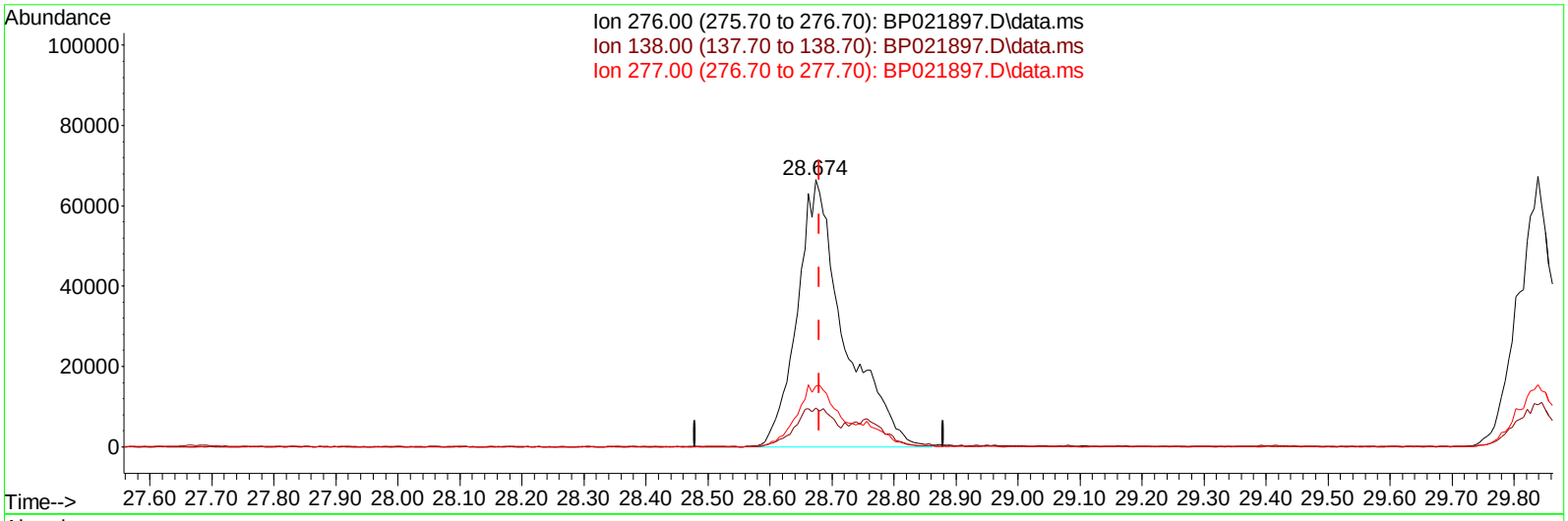
response 292181

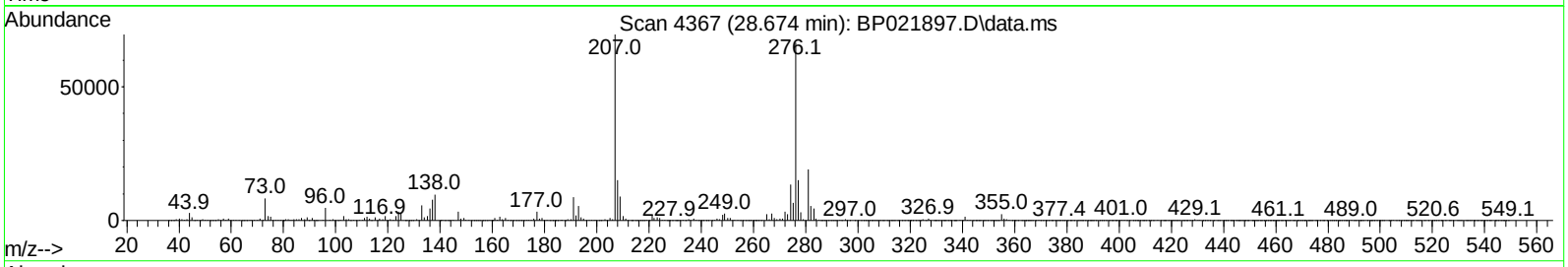
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.40	14.64
277.00	23.70	22.80
0.00	0.00	0.00

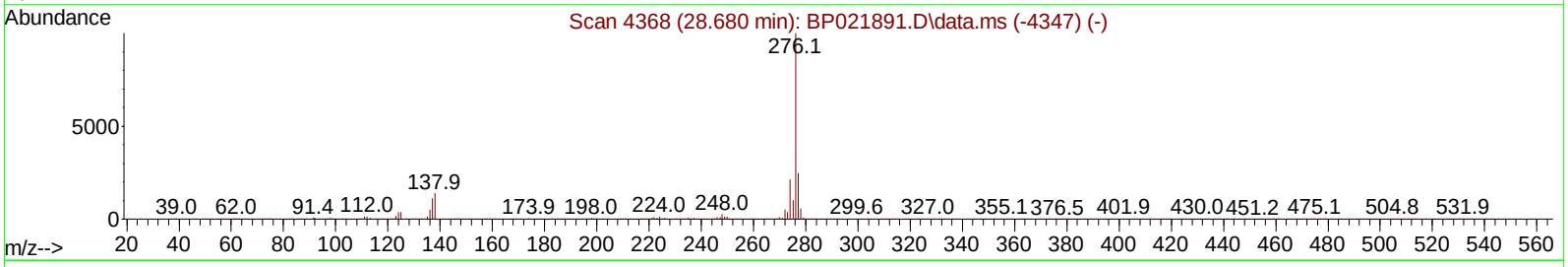
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021897.D
Acq On : 12 Sep 2024 15:32
Operator : RC/JU
Sample : P3391-05
Misc : SFAM-MDL-Q3-ME SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 16:08:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration







TIC: BP021897.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.674min (-0.006) 4.83 ng/ul m

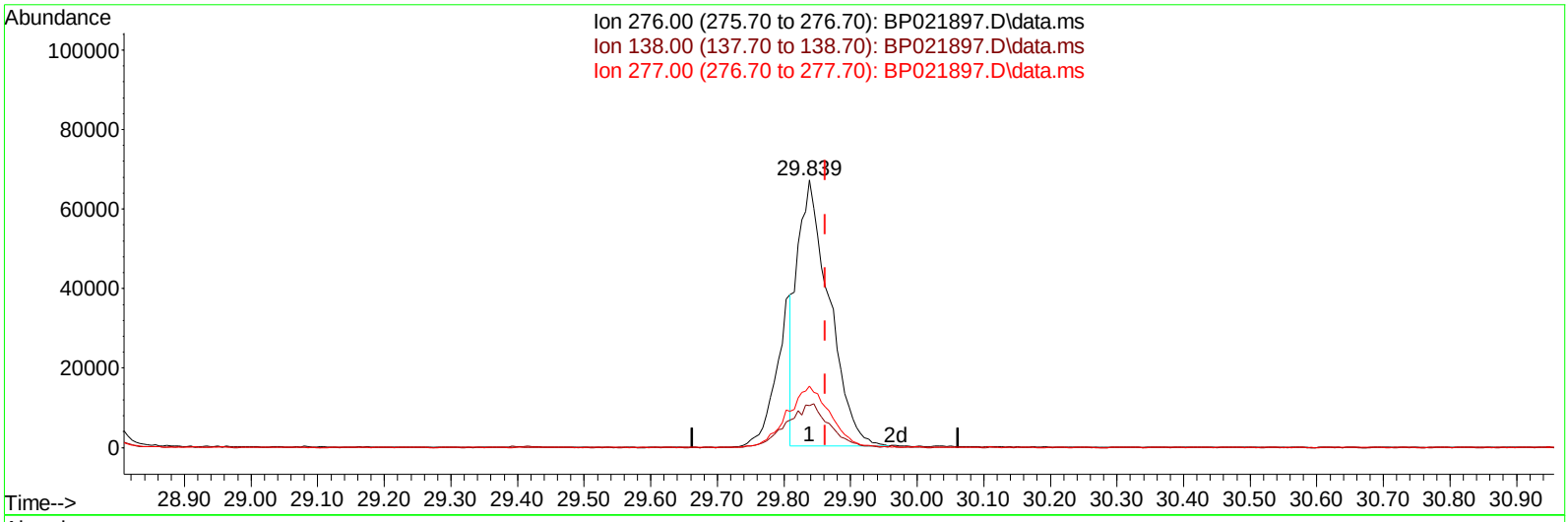
response 350254

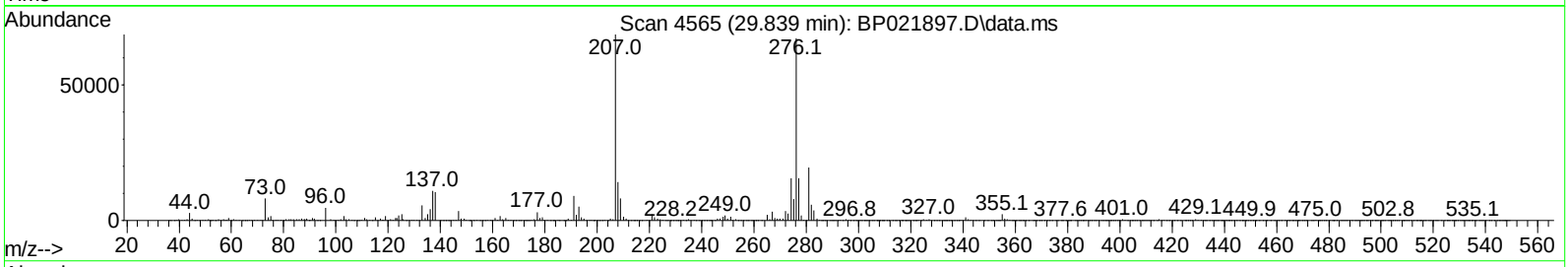
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.40	14.64
277.00	23.70	22.80
0.00	0.00	0.00

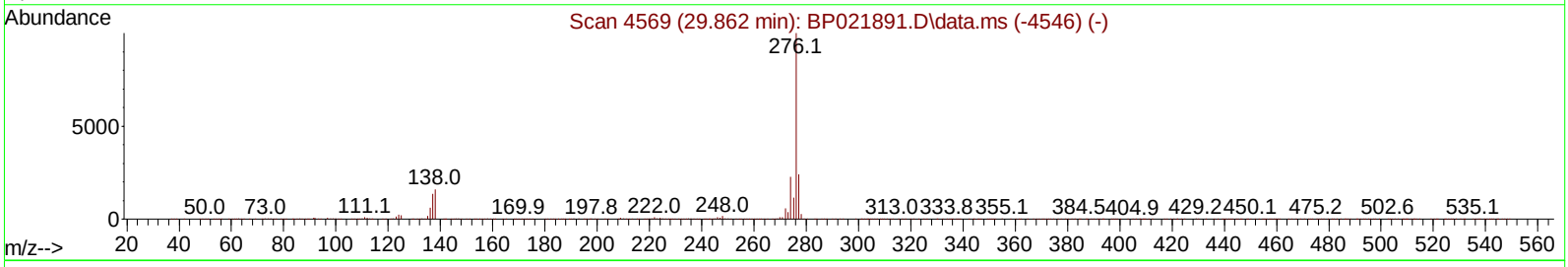
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021897.D
Acq On : 12 Sep 2024 15:32
Operator : RC/JU
Sample : P3391-05
Misc : SFAM-MDL-Q3-ME SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 16:08:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration







TIC: BP021897.D\data.ms

(96) Benzo(g,h,i)perylene

29.839min (-0.024) 3.86 ng/ul

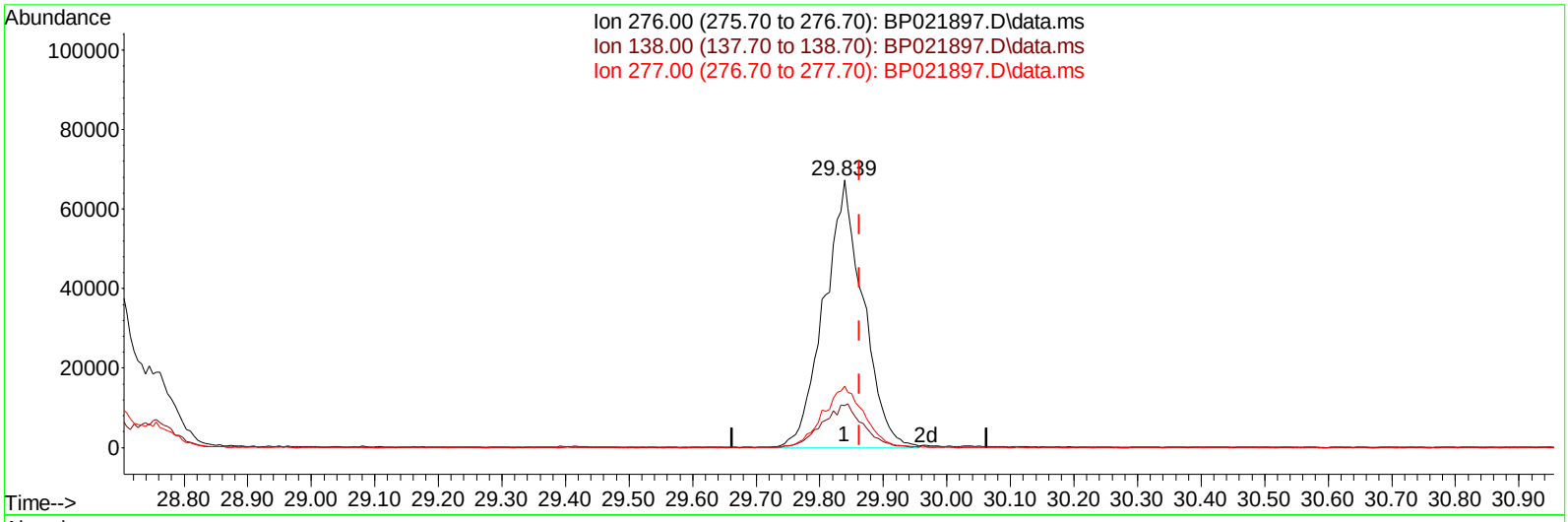
response 221270

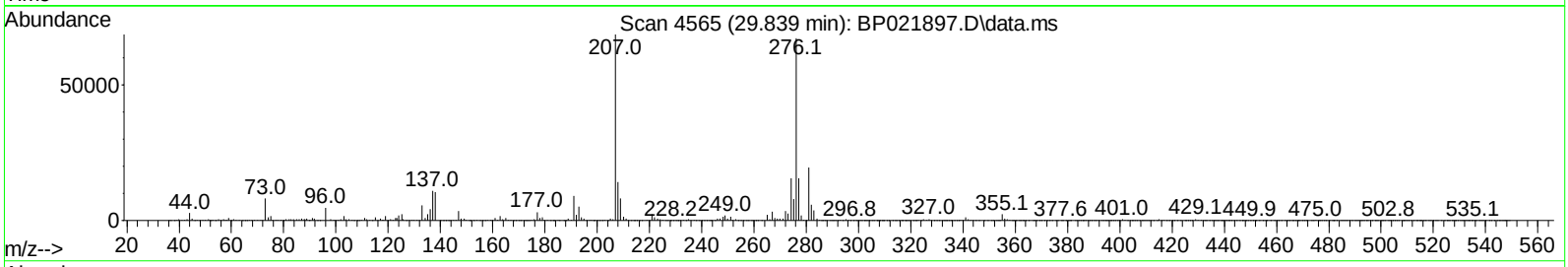
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.50	15.62
277.00	24.50	23.04
0.00	0.00	0.00

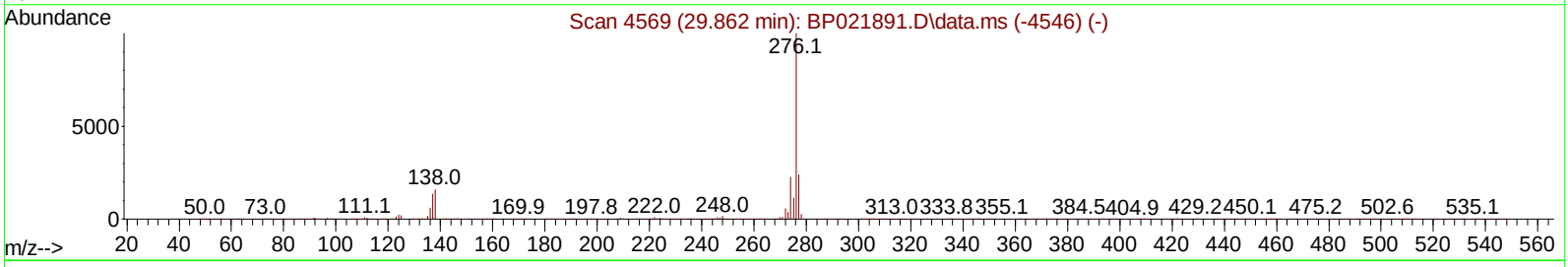
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021897.D
Acq On : 12 Sep 2024 15:32
Operator : RC/JU
Sample : P3391-05
Misc : SFAM-MDL-Q3-ME SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 16:08:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration







TIC: BP021897.D\data.ms

(96) Benzo(g,h,i)perylene

29.839min (-0.024) 5.02 ng/ul m

response 288003

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.50	15.62
277.00	24.50	23.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021897.D
Acq On : 12 Sep 2024 15:32
Operator : RC/JU
Sample : P3391-05
Misc : SFAM-MDL-Q3-ME SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 16:10:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	115561	20.000	ng/ul	0.03
20) Naphthalene-d8	10.528	136	472774	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.369	164	341235	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	822353	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	900858	20.000	ng/ul	0.00
88) Perylene-d12	24.909	264	1006905	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	11973	3.351	ng/uL	0.01
4) Pyridine-d5	3.681	84	170473	16.207	ng/ul	0.02
7) Phenol-d5	6.934	99	207952	21.060	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.093	67	123060	21.457	ng/ul	0.02
11) 2-Chlorophenol-d4	7.299	132	165610	24.094	ng/ul	0.02
15) 4-Methylphenol-d8	8.457	113	153555	19.478	ng/ul	0.03
21) Nitrobenzene-d5	8.899	128	82602	28.054	ng/ul	0.02
24) 2-Nitrophenol-d4	9.616	143	89467	26.729	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.151	165	178553	24.088	ng/ul	0.02
31) 4-Chloroaniline-d4	10.657	131	226399	20.958	ng/ul	0.02
46) Dimethylphthalate-d6	13.769	166	617725	24.096	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	641414	22.809	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	104272	21.516	ng/ul	0.00
60) Fluorene-d10	15.375	176	526723	21.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	91839	19.520	ng/ul	0.00
73) Anthracene-d10	17.263	188	745911	19.527	ng/ul	0.00
81) Pyrene-d10	19.627	212	1138550	22.843	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.674	264	1196178	22.827	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	3997	1.041	ng/uL	91
5) Pyridine	3.705	79	35037	3.332	ng/ul#	80
6) Benzaldehyde	6.910	77	27189	5.265	ng/ul	96
8) Phenol	6.957	94	42386	4.138	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.187	93	34320	4.464	ng/ul	94
12) 2-Chlorophenol	7.328	128	34294	4.851	ng/ul	98
13) 2-Methylphenol	8.193	108	28114	3.881	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	40478	4.844	ng/ul	99
16) Acetophenone	8.569	105	57216	4.500	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.557	70	27912	4.592	ng/ul	97
18) 4-Methylphenol	8.516	108	33151	4.080	ng/ul	96
19) Hexachloroethane	8.828	117	15025	4.480	ng/ul	98
22) Nitrobenzene	8.940	77	43687	5.538	ng/ul	99
23) Isophorone	9.463	82	74277	5.050	ng/ul	98
25) 2-Nitrophenol	9.646	139	18924	5.109	ng/ul	98
26) 2,4-Dimethylphenol	9.704	107	15582	1.979	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.934	93	47136	5.234	ng/ul	98
29) 2,4-Dichlorophenol	10.181	162	35652	4.701	ng/ul	98
30) Naphthalene	10.575	128	119061	4.730	ng/ul	98
32) 4-Chloroaniline	10.681	127	46192	4.343	ng/ul	90
33) Hexachlorobutadiene	10.869	225	29684	4.915	ng/ul	95
34) Caprolactam	11.463	113	17967m	6.835	ng/ul	
35) 4-Chloro-3-methylphenol	11.810	107	35524	4.144	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021897.D
Acq On : 12 Sep 2024 15:32
Operator : RC/JU
Sample : P3391-05
Misc : SFAM-MDL-Q3-ME SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 16:10:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.187	142	83700	4.532	ng/ul	99
37) 1-Methylnaphthalene	12.404	142	85403	4.537	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.551	216	52766	4.541	ng/ul	97
40) Hexachlorocyclopentadiene	12.540	237	30692	4.666	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.792	196	29398	4.116	ng/ul	98
42) 2,4,5-Trichlorophenol	12.869	196	31352	3.982	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	116855	4.675	ng/ul	97
44) 2-Chloronaphthalene	13.239	162	96938	4.800	ng/ul	97
45) 2-Nitroaniline	13.434	65	21576	4.021	ng/ul	99
47) Dimethylphthalate	13.816	163	128979	4.966	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	20090	4.162	ng/ul	95
50) Acenaphthylene	14.086	152	149989	5.019	ng/ul	97
51) 3-Nitroaniline	14.269	138	19513	3.989	ng/ul	89
52) Acenaphthene	14.428	153	102748	4.794	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	18093	5.930	ng/ul	94
55) 4-Nitrophenol	14.586	109	22712	5.220	ng/ul	94
56) Dibenzofuran	14.763	168	148473	4.731	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	33015	4.363	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.998	232	29986	4.422	ng/ul#	95
59) Diethylphthalate	15.198	149	122915	4.714	ng/ul	97
61) Fluorene	15.428	166	122974	4.468	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.416	204	64310	4.487	ng/ul	92
63) 4-Nitroaniline	15.433	138	20804	3.834	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.504	198	22721	4.373	ng/ul#	88
67) N-Nitrosodiphenylamine	15.645	169	102230	4.507	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	40999	4.780	ng/ul	99
69) Hexachlorobenzene	16.451	284	49828	4.840	ng/ul	95
70) Atrazine	16.616	200	42895	4.819	ng/ul	99
71) Pentachlorophenol	16.804	266	45649	6.791	ng/ul	97
72) Phenanthrene	17.198	178	204564	4.592	ng/ul	99
74) Anthracene	17.298	178	176293	3.915	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	51328	4.460	ng/uL	99
76) Pentachlorobenzene	14.686	250	56887	4.940	ng/uL	99
77) Carbazole	17.575	167	176312	4.373	ng/ul	97
78) Di-n-butylphthalate	18.169	149	199734	4.506	ng/ul	98
80) Fluoranthene	19.286	202	267955	4.668	ng/ul	97
82) Pyrene	19.657	202	286679	4.602	ng/ul	97
83) Butylbenzylphthalate	20.604	149	100417	4.688	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	78221	3.875	ng/ul	99
85) Benzo(a)anthracene	21.568	228	294687	4.631	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.504	149	138731	4.483	ng/ul	97
87) Chrysene	21.639	228	278707	4.579	ng/ul	99
89) Di-n-octyl phthalate	22.774	149	213652	3.979	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	300539	4.807	ng/ul	98
91) Benzo(k)fluoranthene	23.927	252	303455	4.912	ng/ul	97
93) Benzo(a)pyrene	24.745	252	274069	4.748	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.674	276	350254m	4.829	ng/ul	
95) Dibenzo(a,h)anthracene	28.756	278	288382	4.936	ng/ul	99
96) Benzo(g,h,i)perylene	29.839	276	288003m	5.021	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021897.D
Acq On : 12 Sep 2024 15:32
Operator : RC/JU
Sample : P3391-05
Misc : SFAM-MDL-Q3-ME SOIL-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 16:10:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration