Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021715.D
Acq On : 29 Aug 2024 09:40
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 11:05:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020747

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	222643	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	963675	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.428	164	659919	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.239	188	1491264	20.000	ng/ul	-0.01
79) Chrysene-d12	21.686	240	1525385	20.000	ng/ul	0.00
88) Perylene-d12	25.080	264	1763793	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	54128	8.071	ng/uL	-0.01
4) Pyridine-d5	3.681	84	409622	21.118	ng/ul	-0.01
7) Phenol-d5	6.952	99	483600	20.353	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	259758	20.089	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.322	132	313310	20.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	379283	20.657	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	154296	19.901	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	153576	19.514	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	322874	20.819	ng/ul	0.00
31) 4-Chloroaniline-d4	10.699	131	467377	20.715	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	996635	19.737	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1143932	20.178	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.634	143	200496	20.870	ng/ul	0.00
60) Fluorene-d10	15.440	176	870325	20.501	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.563	200	125315	15.278	ng/ul	0.00
73) Anthracene-d10	17.339	188	1413957	19.979	ng/ul	-0.01
81) Pyrene-d10	19.710	212	1724763	19.780	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.851	264	1908785	20.295	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	58402	8.194	ng/uL#	86
5) Pyridine	3.705	79	407175	21.007	ng/ul	99
6) Benzaldehyde	6.928	77	310766	25.571	ng/ul	97
8) Phenol	6.981	94	507410	20.481	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.211	93	387153	20.104	ng/ul	98
12) 2-Chlorophenol	7.352	128	332999	20.682	ng/ul	98
13) 2-Methylphenol	8.222	108	363379	20.331	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.299	45	381043	20.500	ng/ul	99
16) Acetophenone	8.599	105	620350	21.075	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	287982	20.732	ng/ul	98
18) 4-Methylphenol	8.552	108	401638	20.526	ng/ul	97
19) Hexachloroethane	8.863	117	145433	20.201	ng/ul	93
22) Nitrobenzene	8.975	77	445401	20.602	ng/ul	98
23) Isophorone	9.505	82	834870	19.244	ng/ul	99
25) 2-Nitrophenol	9.681	139	177380	20.343	ng/ul	98
26) 2,4-Dimethylphenol	9.746	107	442748	20.688	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.981	93	538947	19.809	ng/ul	98
29) 2,4-Dichlorophenol	10.216	162	324874	20.847	ng/ul	98
30) Naphthalene	10.622	128	1097550	20.208	ng/ul	100
32) 4-Chloroaniline	10.728	127	477211	20.950	ng/ul	99
33) Hexachlorobutadiene	10.916	225	204645	19.571	ng/ul	98
34) Caprolactam	11.499	113	125943	19.111	ng/ul	94
35) 4-Chloro-3-methylphenol	11.852	107	447455	21.693	ng/ul	98
36) 2-Methylnaphthalene	12.240	142	754659	20.542	ng/ul	99

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	766134	20.734	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	411659	19.792	ng/ul	98
40) Hexachlorocyclopentadiene	12.593	237	177913	14.907	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	269731	20.142	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	304298	21.044	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	1009255	20.214	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	782595	19.991	ng/ul	99
45) 2-Nitroaniline	13.493	65	258781	21.101	ng/ul	97
47) Dimethylphthalate	13.881	163	1004082	19.859	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	185450	19.888	ng/ul	96
50) Acenaphthylene	14.151	152	1251258	20.522	ng/ul	99
51) 3-Nitroaniline	14.334	138	220591	21.648	ng/ul	97
52) Acenaphthene	14.498	153	882799	20.589	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	77414	13.867	ng/ul	96
55) 4-Nitrophenol	14.645	109	187514	21.317	ng/ul	96
56) Dibenzofuran	14.840	168	1246757	21.017	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	291945	20.834	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	256856	20.617	ng/ul	94
59) Diethylphthalate	15.275	149	1015576	20.002	ng/ul	98
61) Fluorene	15.498	166	1004838	20.943	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	491000	20.366	ng/ul	99
63) 4-Nitroaniline	15.522	138	238414	24.209	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.581	198	141187	15.389	ng/ul#	95
67) N-Nitrosodiphenylamine	15.716	169	871519	19.866	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	314935	19.130	ng/ul	97
69) Hexachlorobenzene	16.534	284	369453	18.904	ng/ul	98
70) Atrazine	16.698	200	323049	19.413	ng/ul	98
71) Pentachlorophenol	16.887	266	232704	18.604	ng/ul	97
72) Phenanthrene	17.287	178	1664625	20.332	ng/ul	99
74) Anthracene	17.381	178	1668946	20.122	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	417172	18.816	ng/uL	100
76) Pentachlorobenzene	14.763	250	430258	18.723	ng/uL	99
77) Carbazole	17.651	167	1564342	20.970	ng/ul	100
78) Di-n-butylphthalate	18.257	149	1783362	19.640	ng/ul	100
80) Fluoranthene	19.369	202	2017156	19.824	ng/ul	97
82) Pyrene	19.739	202	2147817	19.930	ng/ul	99
83) Butylbenzylphthalate	20.686	149	824570	18.688	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.580	252	698784	18.178	ng/ul	98
85) Benzo(a)anthracene	21.663	228	2183937	20.127	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	1211542	18.603	ng/ul	99
87) Chrysene	21.739	228	2041401	19.991	ng/ul	100
89) Di-n-octyl phthalate	22.922	149	2043089	18.300	ng/ul	100
90) Benzo(b)fluoranthene	24.010	252	2192214	19.864	ng/ul	99
91) Benzo(k)fluoranthene	24.086	252	2215088	20.502	ng/ul	99
93) Benzo(a)pyrene	24.933	252	2072565	20.384	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.933	276	2629484m	20.057	ng/ul	
95) Dibenzo(a,h)anthracene	29.045	278	2123995m	20.162	ng/ul	
96) Benzo(g,h,i)perylene	30.133	276	2045695m	20.196	ng/ul	

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

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

Instrument :
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ClientSampleId :
SSTD020747

Manual Integrations APPROVED

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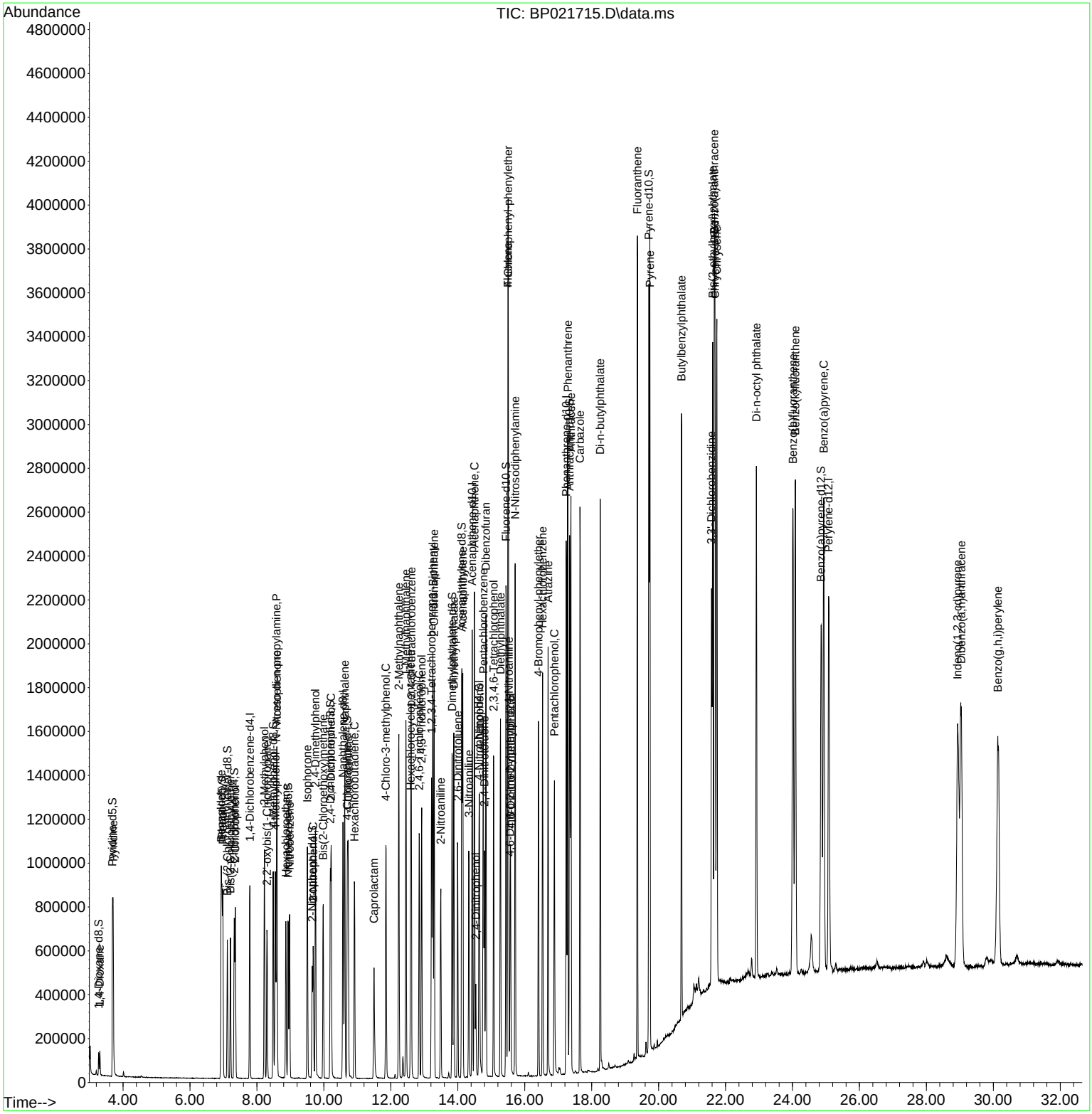

Quantitation Report (Qedit)

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Acq On : 29 Aug 2024 09:40
Operator : RC/JU
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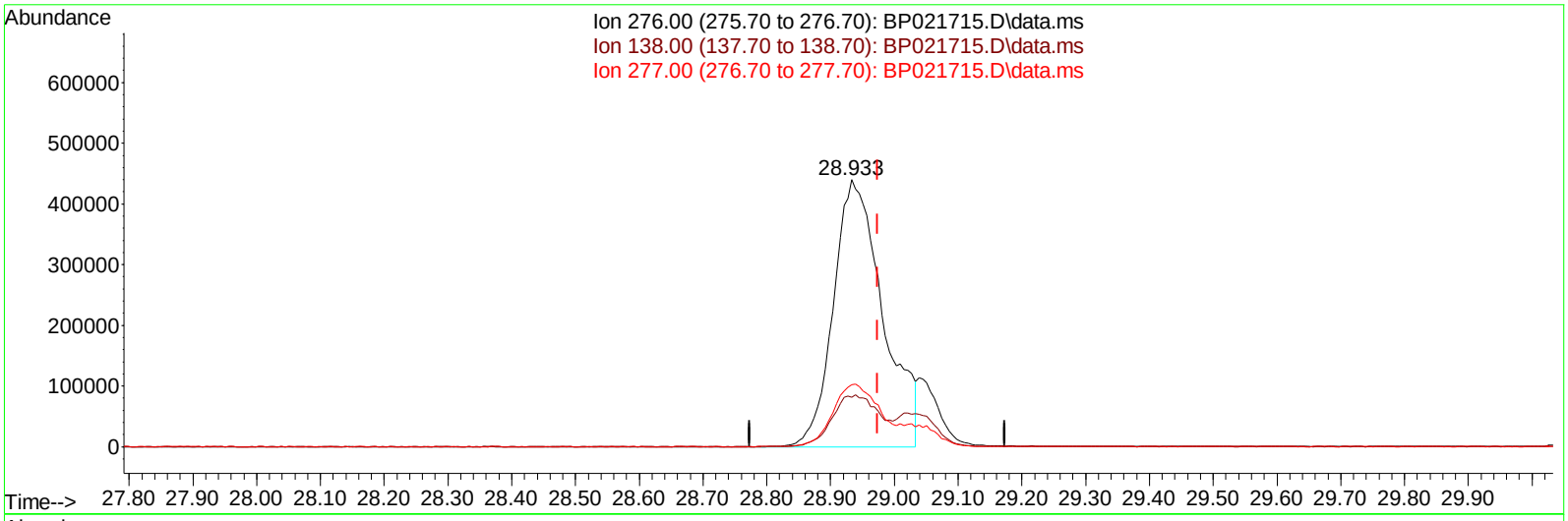

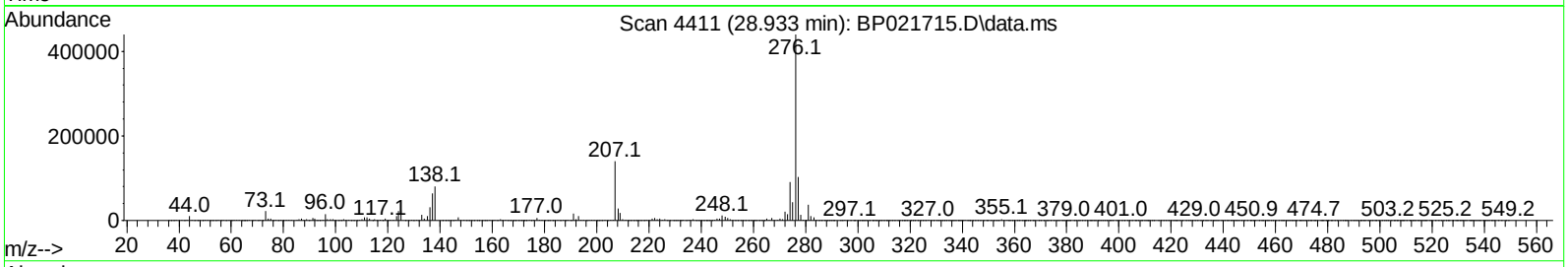

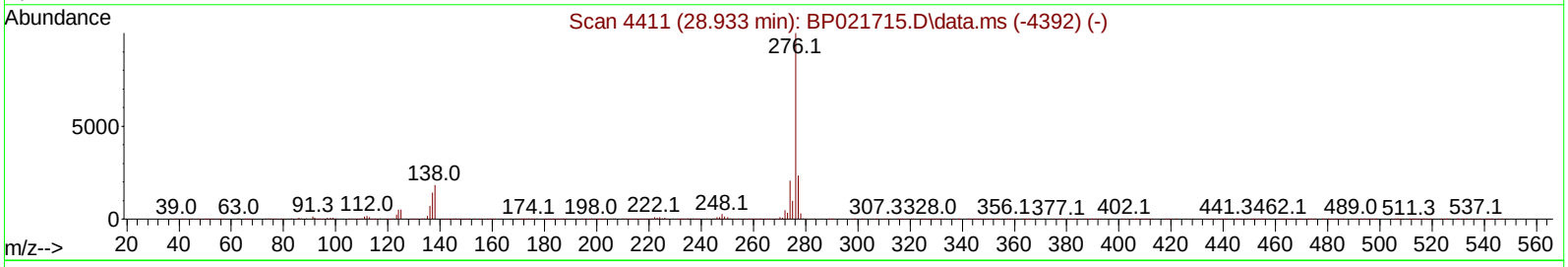

TIC: BP021715.D\data.ms

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

28.933min (-0.041) 18.06 ng/ul

response 2367141

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	18.44
277.00	23.80	23.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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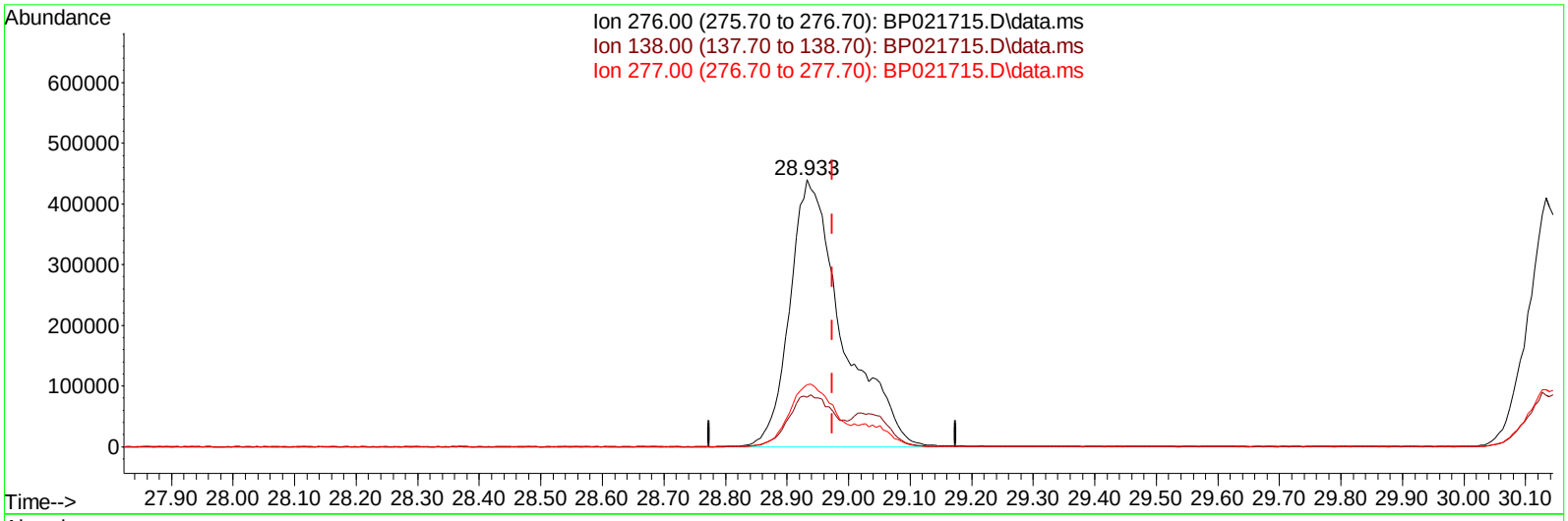

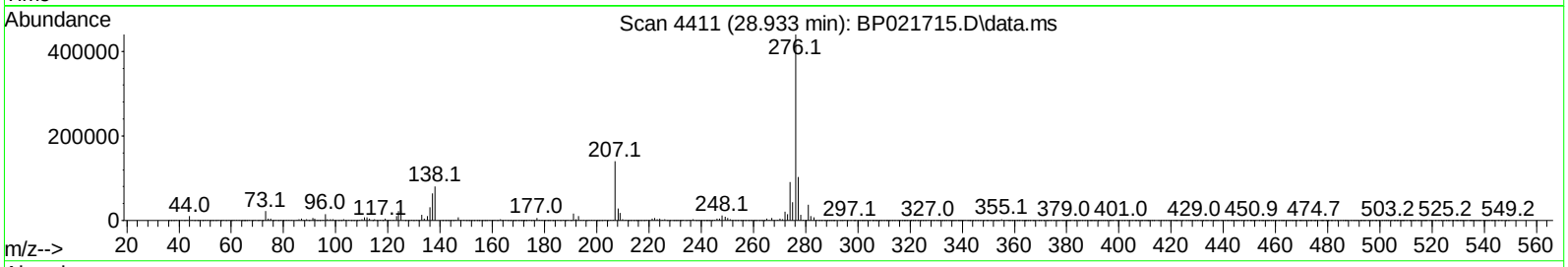

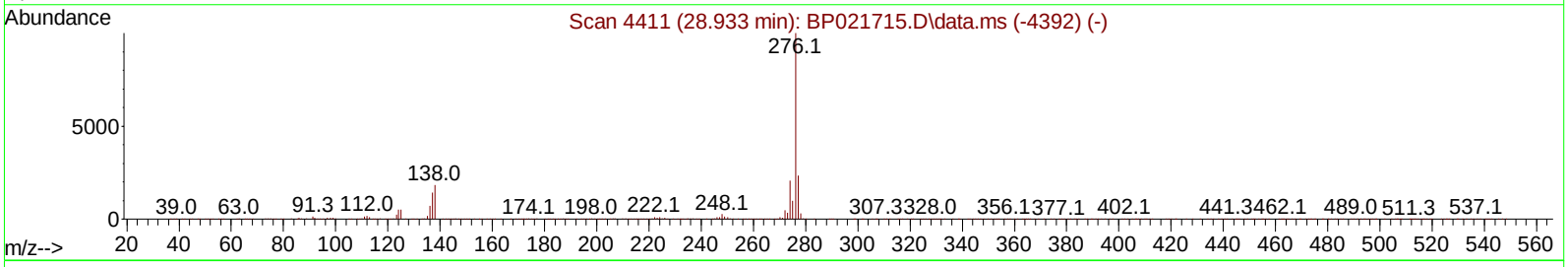

TIC: BP021715.D\data.ms

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

28.933min (-0.041) 20.06 ng/ul m

response 2629484

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	18.44
277.00	23.80	23.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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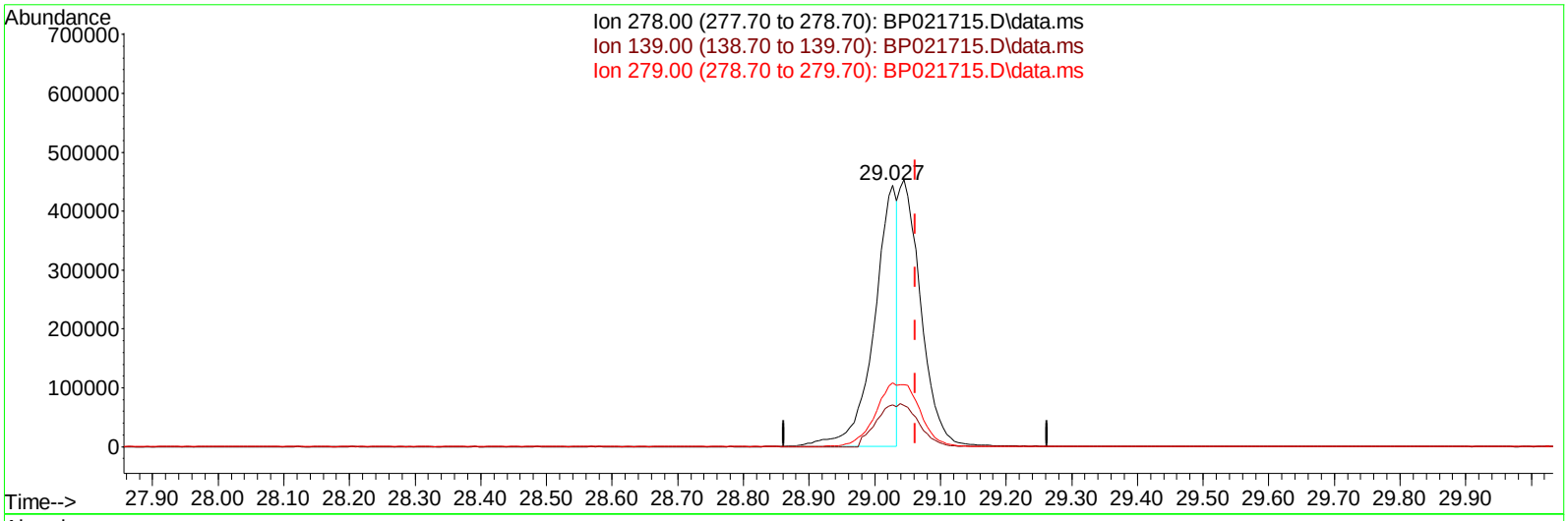

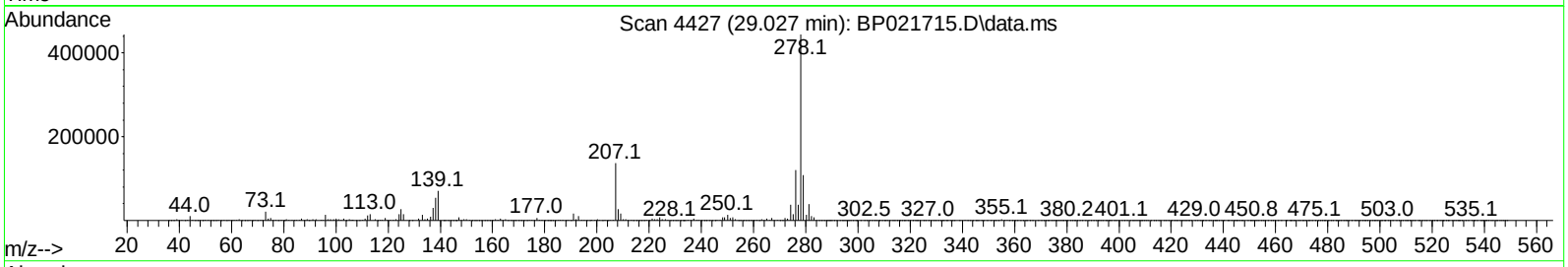

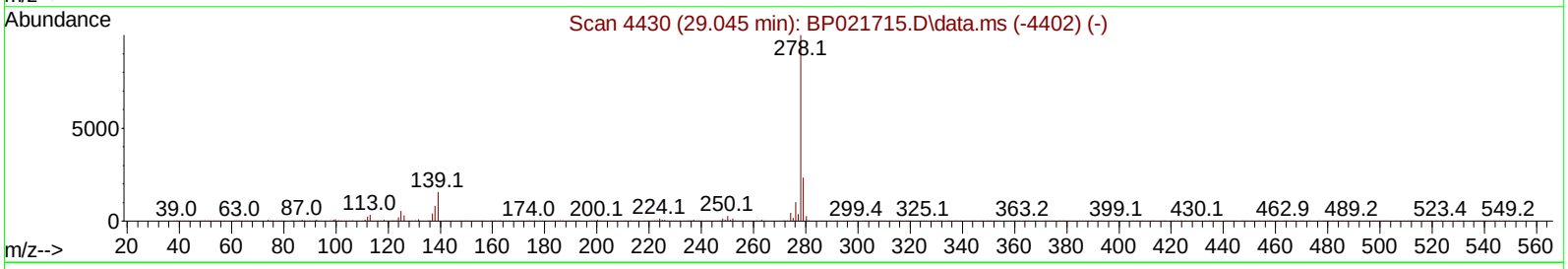

TIC: BP021715.D\data.ms

(95) Dibenzo(a,h)anthracene

29.027min (-0.035) 10.24 ng/ul

response 1078616

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.04
279.00	23.60	24.51
0.00	0.00	0.00

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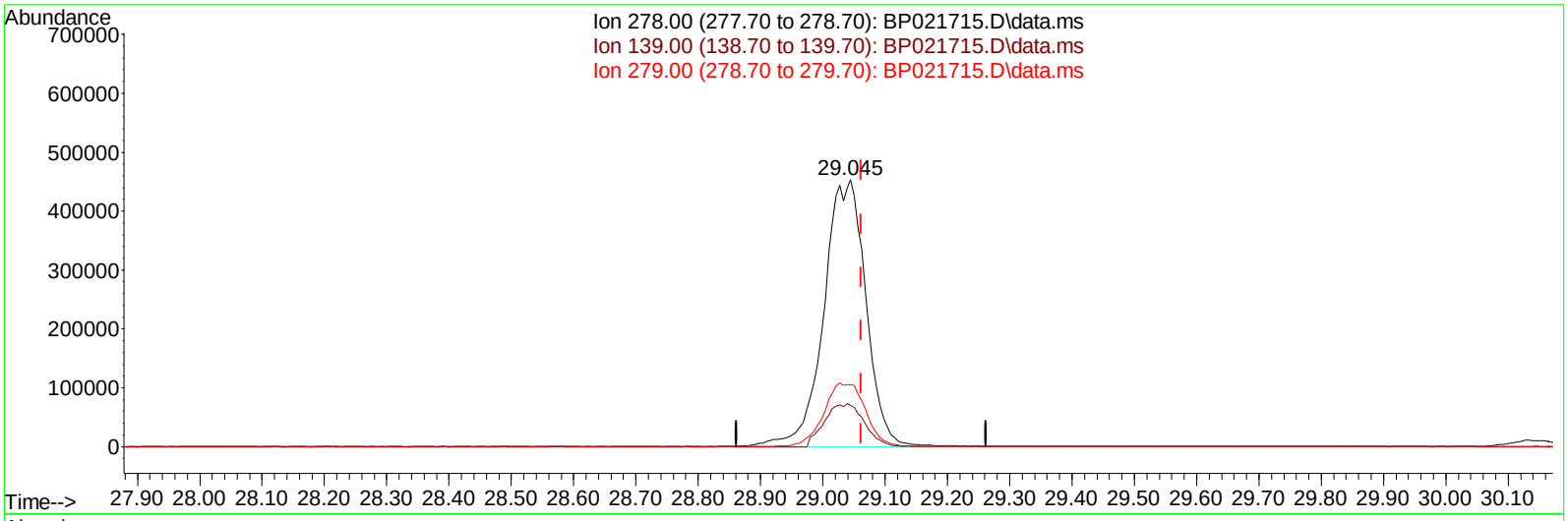

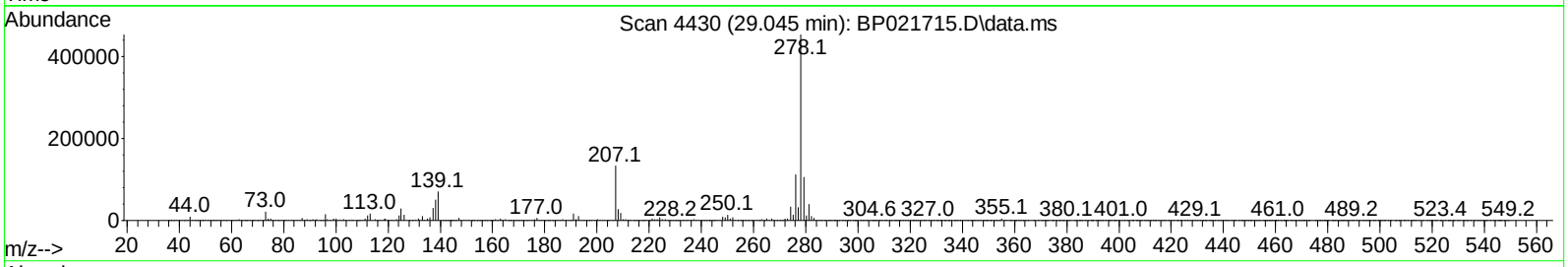

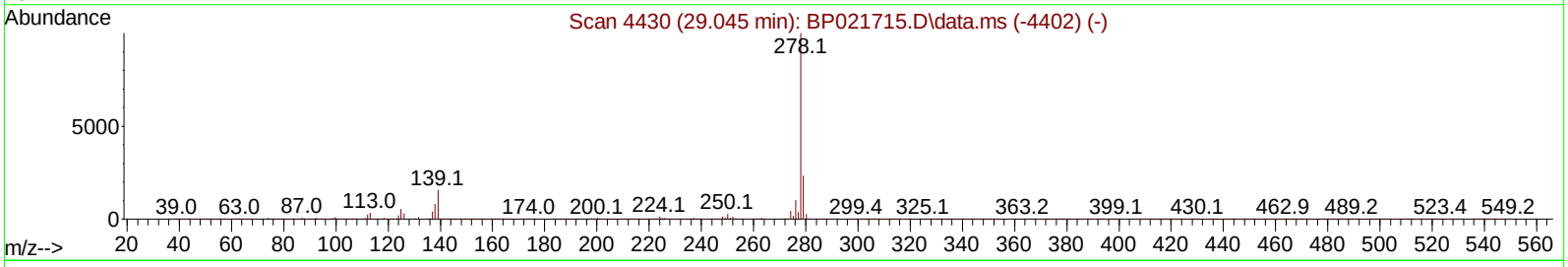

TIC: BP021715.D\data.ms

(95) Dibenzo(a,h)anthracene

29.045min (-0.017) 20.16 ng/ul m

response 2123995

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.49
279.00	23.60	23.35
0.00	0.00	0.00

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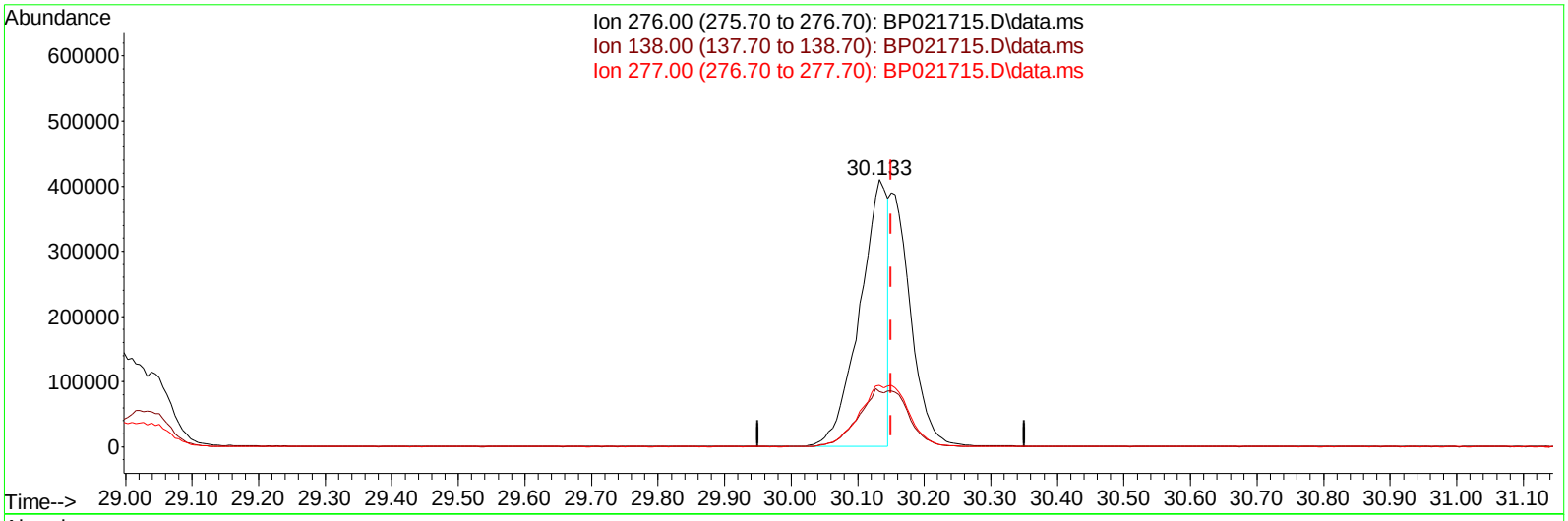

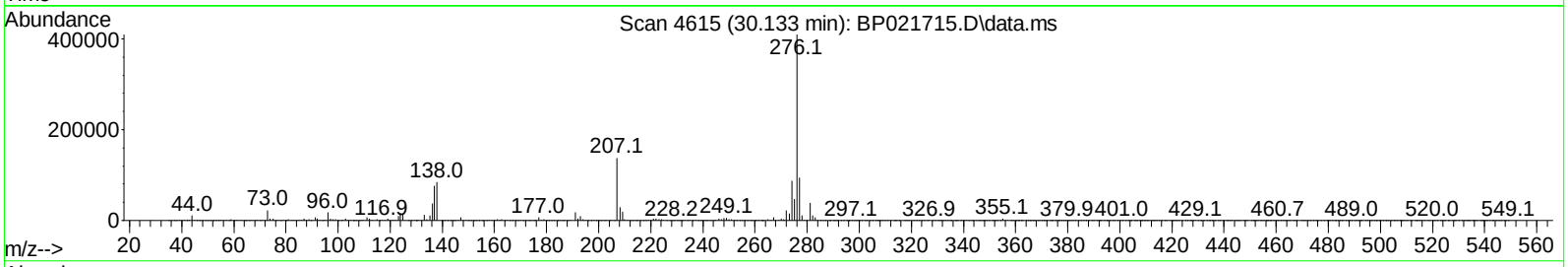

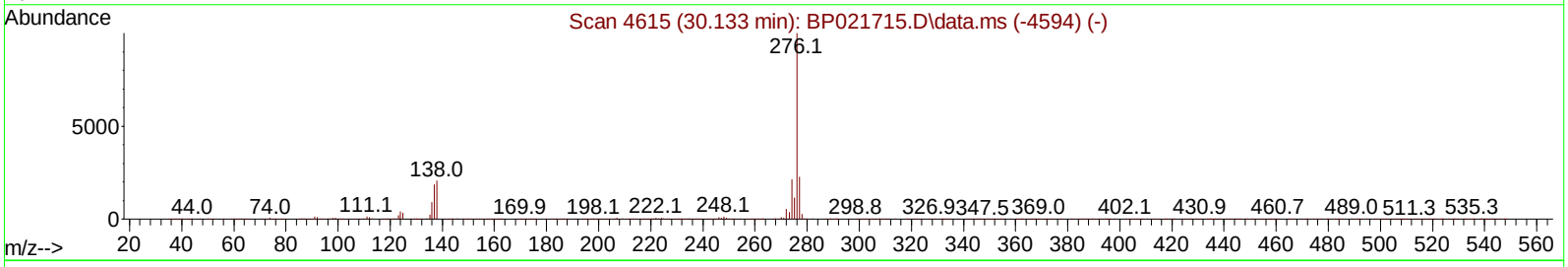

TIC: BP021715.D\data.ms

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

30.133min (-0.017) 11.76 ng/ul

response 1190807

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	20.66
277.00	24.20	22.92
0.00	0.00	0.00

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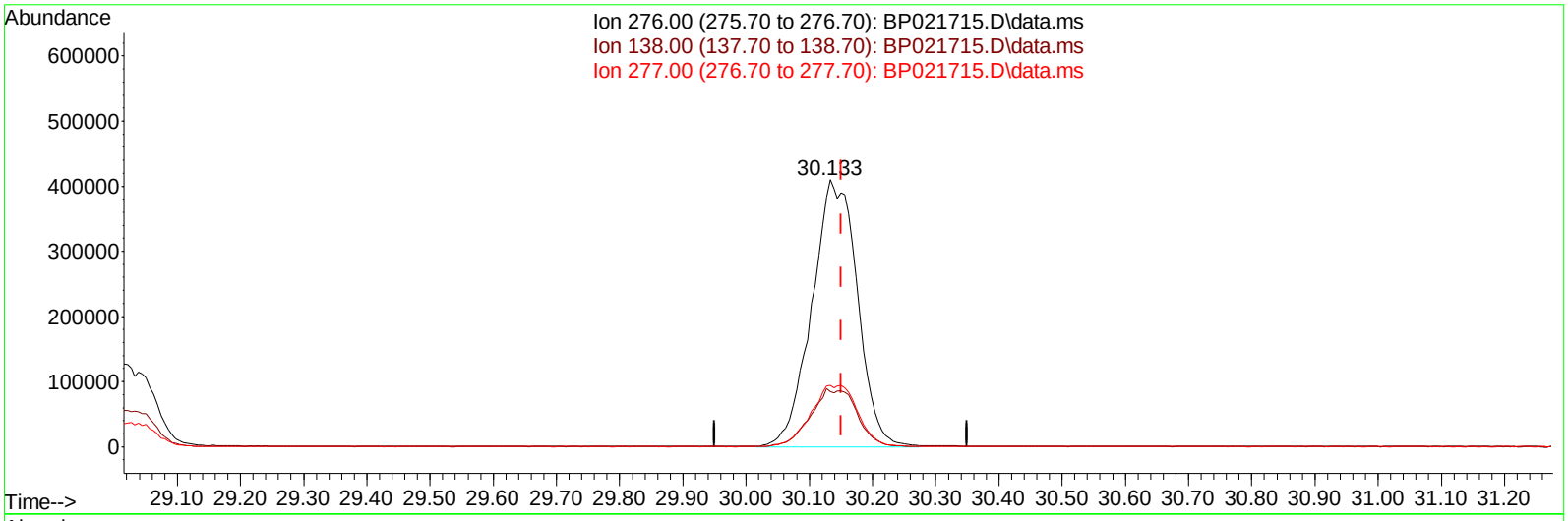
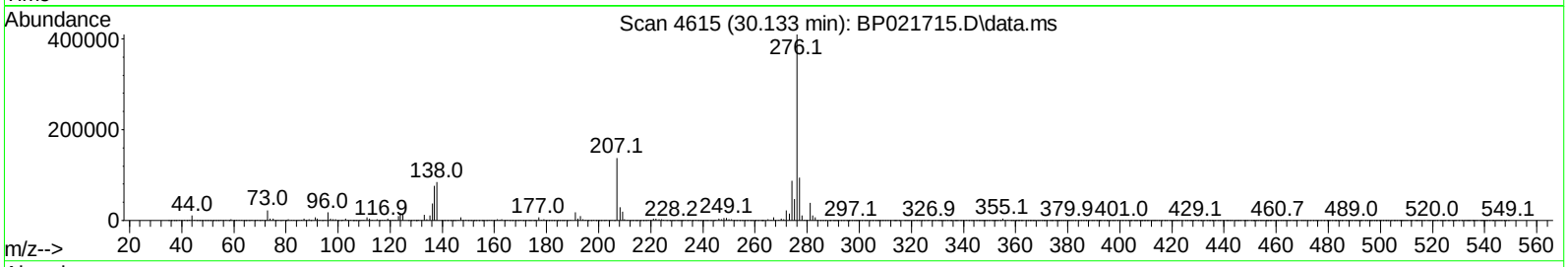
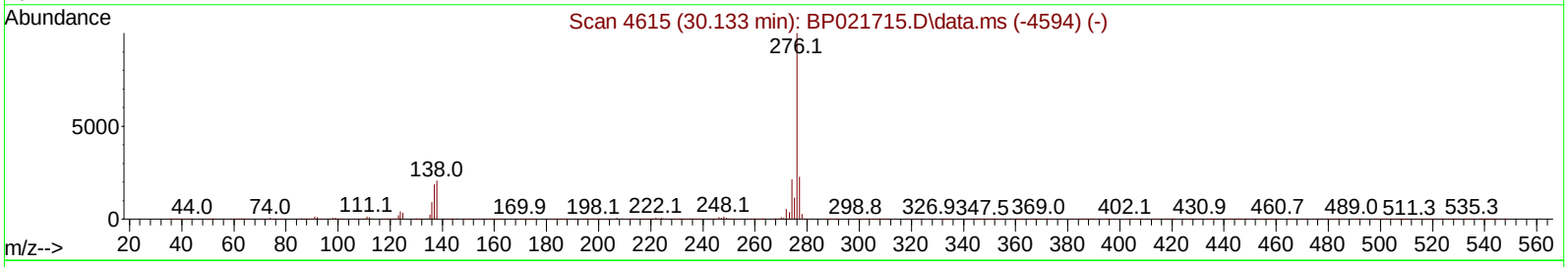
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024







TIC: BP021715.D\data.ms

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

30.133min (-0.017) 20.20 ng/ul m

response 2045695

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	20.66
277.00	24.20	22.92
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021715.D
Acq On : 29 Aug 2024 09:40
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 11:05:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020747

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	222643	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	963675	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.428	164	659919	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.239	188	1491264	20.000	ng/ul	-0.01
79) Chrysene-d12	21.686	240	1525385	20.000	ng/ul	0.00
88) Perylene-d12	25.080	264	1763793	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	54128	8.071	ng/uL	-0.01
4) Pyridine-d5	3.681	84	409622	21.118	ng/ul	-0.01
7) Phenol-d5	6.952	99	483600	20.353	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	259758	20.089	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.322	132	313310	20.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	379283	20.657	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	154296	19.901	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	153576	19.514	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	322874	20.819	ng/ul	0.00
31) 4-Chloroaniline-d4	10.699	131	467377	20.715	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	996635	19.737	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1143932	20.178	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.634	143	200496	20.870	ng/ul	0.00
60) Fluorene-d10	15.440	176	870325	20.501	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.563	200	125315	15.278	ng/ul	0.00
73) Anthracene-d10	17.339	188	1413957	19.979	ng/ul	-0.01
81) Pyrene-d10	19.710	212	1724763	19.780	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.851	264	1908785	20.295	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	58402	8.194	ng/uL#	86
5) Pyridine	3.705	79	407175	21.007	ng/ul	99
6) Benzaldehyde	6.928	77	310766	25.571	ng/ul	97
8) Phenol	6.981	94	507410	20.481	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.211	93	387153	20.104	ng/ul	98
12) 2-Chlorophenol	7.352	128	332999	20.682	ng/ul	98
13) 2-Methylphenol	8.222	108	363379	20.331	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.299	45	381043	20.500	ng/ul	99
16) Acetophenone	8.599	105	620350	21.075	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	287982	20.732	ng/ul	98
18) 4-Methylphenol	8.552	108	401638	20.526	ng/ul	97
19) Hexachloroethane	8.863	117	145433	20.201	ng/ul	93
22) Nitrobenzene	8.975	77	445401	20.602	ng/ul	98
23) Isophorone	9.505	82	834870	19.244	ng/ul	99
25) 2-Nitrophenol	9.681	139	177380	20.343	ng/ul	98
26) 2,4-Dimethylphenol	9.746	107	442748	20.688	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.981	93	538947	19.809	ng/ul	98
29) 2,4-Dichlorophenol	10.216	162	324874	20.847	ng/ul	98
30) Naphthalene	10.622	128	1097550	20.208	ng/ul	100
32) 4-Chloroaniline	10.728	127	477211	20.950	ng/ul	99
33) Hexachlorobutadiene	10.916	225	204645	19.571	ng/ul	98
34) Caprolactam	11.499	113	125943	19.111	ng/ul	94
35) 4-Chloro-3-methylphenol	11.852	107	447455	21.693	ng/ul	98

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

Instrument :
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ClientSampleId :
SSTD020747

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	754659	20.542	ng/ul	99
37) 1-Methylnaphthalene	12.451	142	766134	20.734	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	411659	19.792	ng/ul	98
40) Hexachlorocyclopentadiene	12.593	237	177913	14.907	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	269731	20.142	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	304298	21.044	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	1009255	20.214	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	782595	19.991	ng/ul	99
45) 2-Nitroaniline	13.493	65	258781	21.101	ng/ul	97
47) Dimethylphthalate	13.881	163	1004082	19.859	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	185450	19.888	ng/ul	96
50) Acenaphthylene	14.151	152	1251258	20.522	ng/ul	99
51) 3-Nitroaniline	14.334	138	220591	21.648	ng/ul	97
52) Acenaphthene	14.498	153	882799	20.589	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	77414	13.867	ng/ul	96
55) 4-Nitrophenol	14.645	109	187514	21.317	ng/ul	96
56) Dibenzofuran	14.840	168	1246757	21.017	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	291945	20.834	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	256856	20.617	ng/ul	94
59) Diethylphthalate	15.275	149	1015576	20.002	ng/ul	98
61) Fluorene	15.498	166	1004838	20.943	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	491000	20.366	ng/ul	99
63) 4-Nitroaniline	15.522	138	238414	24.209	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.581	198	141187	15.389	ng/ul#	95
67) N-Nitrosodiphenylamine	15.716	169	871519	19.866	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	314935	19.130	ng/ul	97
69) Hexachlorobenzene	16.534	284	369453	18.904	ng/ul	98
70) Atrazine	16.698	200	323049	19.413	ng/ul	98
71) Pentachlorophenol	16.887	266	232704	18.604	ng/ul	97
72) Phenanthrene	17.287	178	1664625	20.332	ng/ul	99
74) Anthracene	17.381	178	1668946	20.122	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	417172	18.816	ng/uL	100
76) Pentachlorobenzene	14.763	250	430258	18.723	ng/uL	99
77) Carbazole	17.651	167	1564342	20.970	ng/ul	100
78) Di-n-butylphthalate	18.257	149	1783362	19.640	ng/ul	100
80) Fluoranthene	19.369	202	2017156	19.824	ng/ul	97
82) Pyrene	19.739	202	2147817	19.930	ng/ul	99
83) Butylbenzylphthalate	20.686	149	824570	18.688	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.580	252	698784	18.178	ng/ul	98
85) Benzo(a)anthracene	21.663	228	2183937	20.127	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	1211542	18.603	ng/ul	99
87) Chrysene	21.739	228	2041401	19.991	ng/ul	100
89) Di-n-octyl phthalate	22.922	149	2043089	18.300	ng/ul	100
90) Benzo(b)fluoranthene	24.010	252	2192214	19.864	ng/ul	99
91) Benzo(k)fluoranthene	24.086	252	2215088	20.502	ng/ul	99
93) Benzo(a)pyrene	24.933	252	2072565	20.384	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.933	276	2629484m	20.057	ng/ul	
95) Dibenzo(a,h)anthracene	29.045	278	2123995m	20.162	ng/ul	
96) Benzo(g,h,i)perylene	30.133	276	2045695m	20.196	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
SSTD020747

Manual Integrations
APPROVED

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Data File : BP021715.D
Acq On : 29 Aug 2024 09:40
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Sample : SSTDCCC020
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Quant Title : SVOA CALIBRATION
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