Quantitation Report (Qedit)

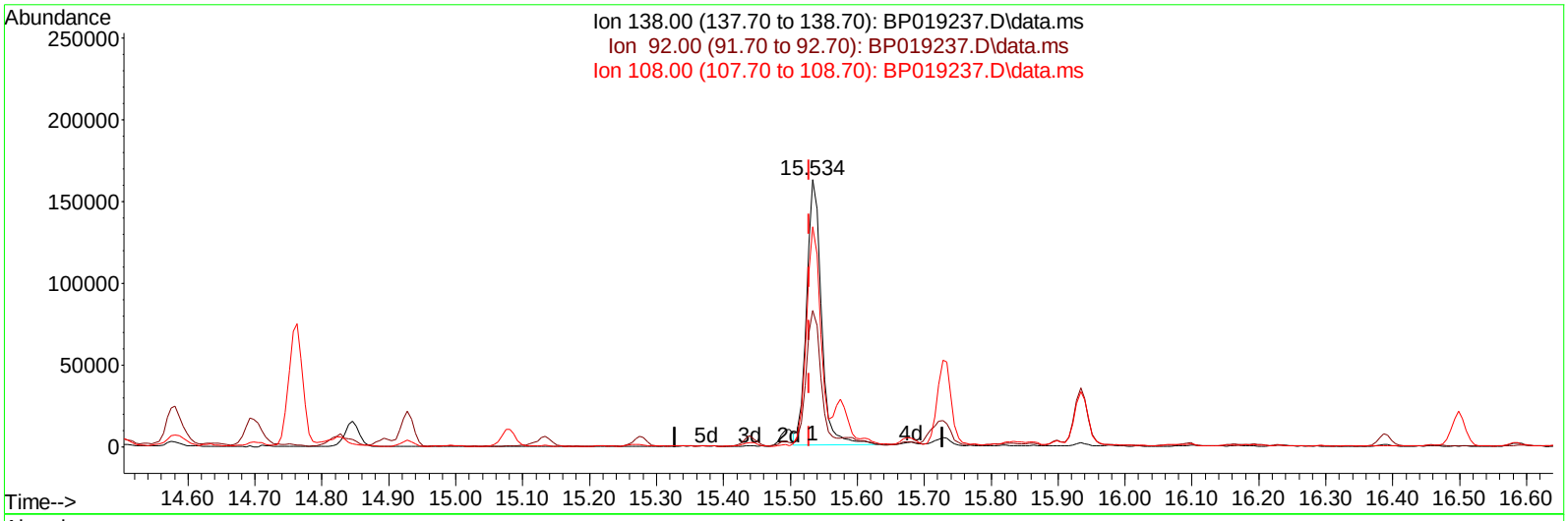
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019237.D
Acq On : 03 Jan 2024 08:12
Operator : MA/JU
Sample : 05952-05MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

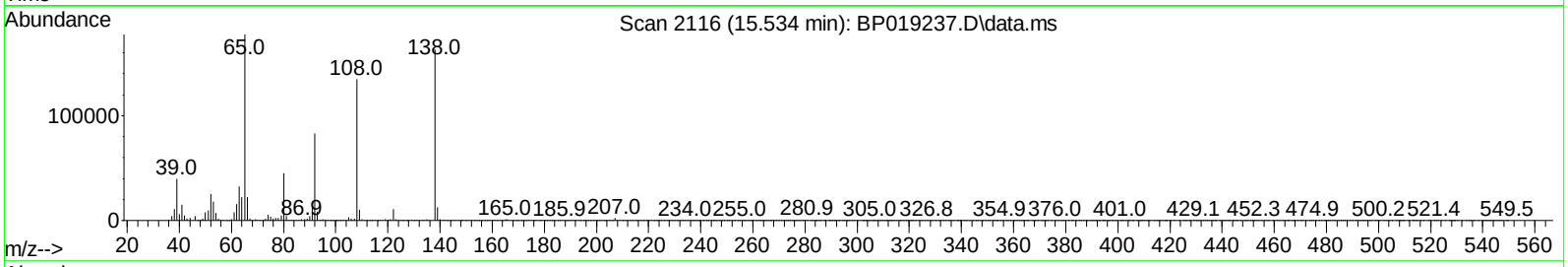
Quant Time: Jan 03 09:58:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

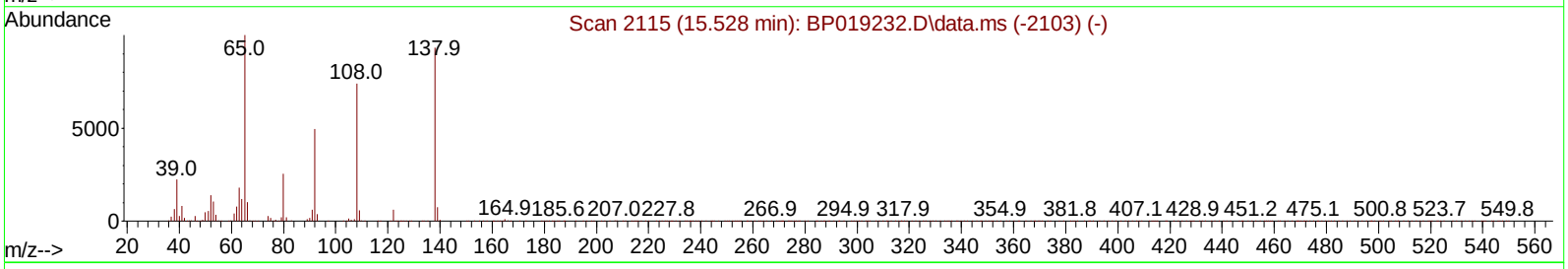
Instrument :
BNA_P
ClientSampleId :
GCF89MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024







TIC: BP019237.D\data.ms

(63) 4-Nitroaniline

15.534min (+ 0.006) 43.34 ng/ul

response 250099

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	50.98
108.00	82.80	82.52
0.00	0.00	0.00

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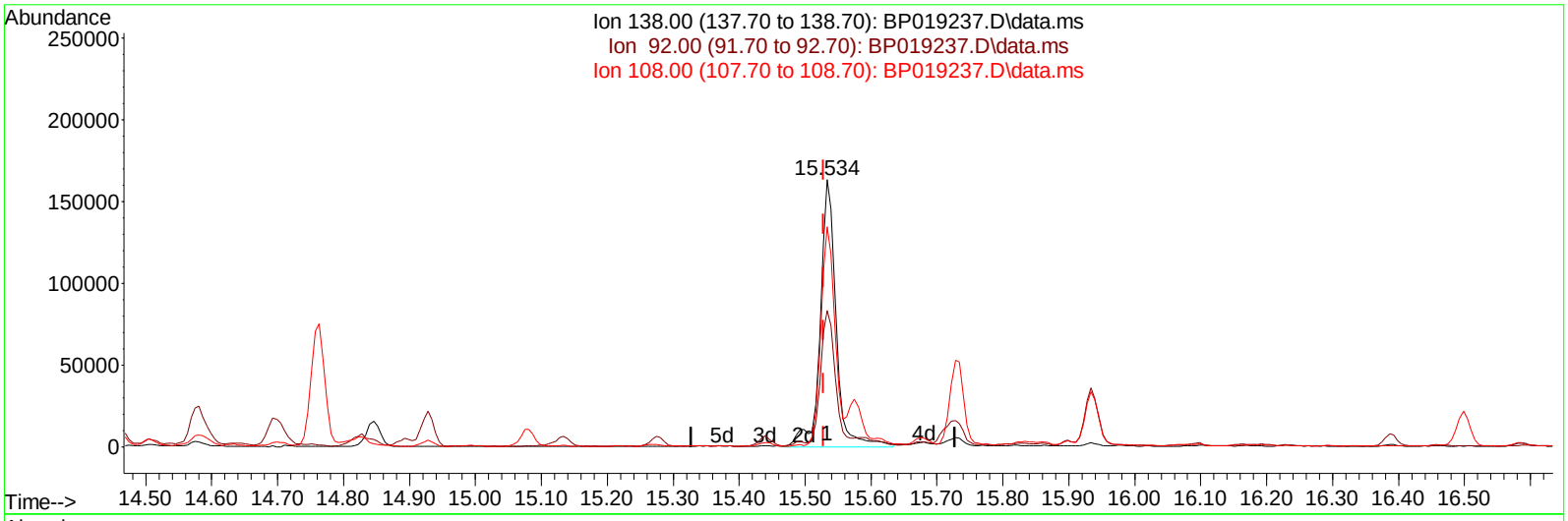

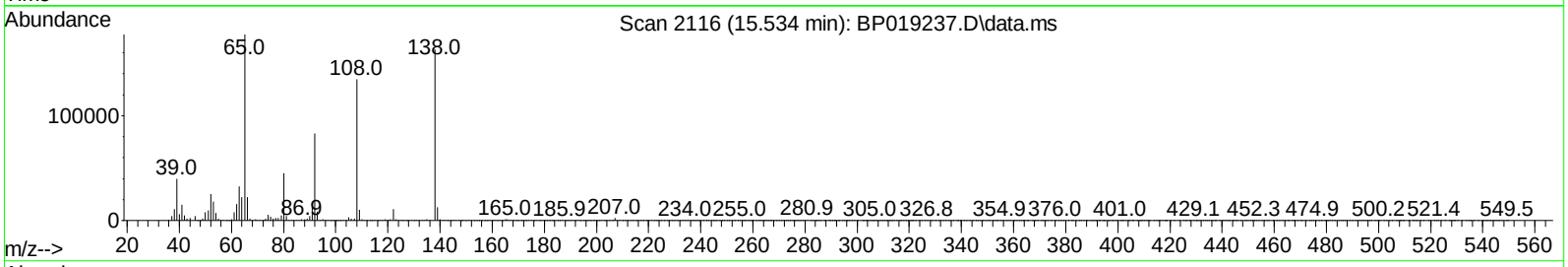

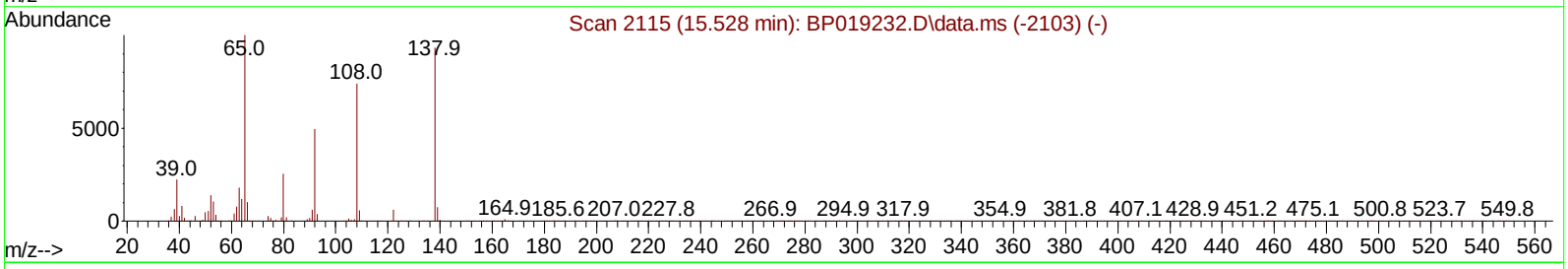

TIC: BP019237.D\data.ms

(63) 4-Nitroaniline

15.534min (+ 0.006) 47.31 ng/ul m

response 272993

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	50.98
108.00	82.80	82.52
0.00	0.00	0.00

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ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 04 02:34:02 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	172473	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	602586	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	366179	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	878708	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	982845	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1217932	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	27033	5.353	ng/uL	0.00
4) Pyridine-d5	3.658	84	310907	24.529	ng/ul	0.00
7) Phenol-d5	6.993	99	441317	28.533	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.140	67	255527	28.557	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	354495	28.430	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	325853	27.060	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	166198	31.906	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	192493	34.193	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	362947	31.927	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	344916	24.667	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	944470	29.201	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1138013	32.427	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	197629	36.185	ng/ul	0.02
60) Fluorene-d10	15.440	176	868106	31.068	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	170961	29.678	ng/ul	0.00
73) Anthracene-d10	17.298	188	1420476	30.955	ng/ul	0.00
81) Pyrene-d10	19.545	212	1893899	31.618	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	2166248	30.943	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	73431	13.225	ng/uL	99
5) Pyridine	3.675	79	480198	37.323	ng/ul	96
6) Benzaldehyde	6.946	77	306627	42.697	ng/ul	97
8) Phenol	7.016	94	568405	37.207	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.234	93	447997	36.243	ng/ul	99
12) 2-Chlorophenol	7.369	128	461571	36.167	ng/ul	99
13) 2-Methylphenol	8.263	108	413802	36.615	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	521281	35.749	ng/ul	99
16) Acetophenone	8.634	105	654454	36.288	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.616	70	304846	33.898	ng/ul	97
18) 4-Methylphenol	8.593	108	434996	35.759	ng/ul	98
19) Hexachloroethane	8.869	117	195823	36.582	ng/ul	94
22) Nitrobenzene	9.010	77	496124	38.985	ng/ul	98
23) Isophorone	9.540	82	870310	37.924	ng/ul	99
25) 2-Nitrophenol	9.716	139	250723	41.712	ng/ul	99
26) 2,4-Dimethylphenol	9.787	107	413867	39.110	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.022	93	541967	35.732	ng/ul	98
29) 2,4-Dichlorophenol	10.257	162	429766	38.687	ng/ul	99
30) Naphthalene	10.646	128	1361606	37.478	ng/ul	99
32) 4-Chloroaniline	10.769	127	406540	30.300	ng/ul	98
33) Hexachlorobutadiene	10.922	225	332709	38.916	ng/ul	99
34) Caprolactam	11.575	113	128057	43.642	ng/ul	99
35) 4-Chloro-3-methylphenol	11.916	107	427397	39.193	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	909228	37.119	ng/ul	100
37) 1-Methylnaphthalene	12.481	142	891546	36.093	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	572774	37.979	ng/ul	100
40) Hexachlorocyclopentadiene	12.599	237	234711	28.039	ng/ul	100
41) 2,4,6-Trichlorophenol	12.881	196	366753	40.749	ng/ul	97
42) 2,4,5-Trichlorophenol	12.963	196	401177	41.991	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	1182744	37.027	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	981538	38.295	ng/ul	99
45) 2-Nitroaniline	13.540	65	276371	44.915	ng/ul	97
47) Dimethylphthalate	13.910	163	1154944	36.174	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	245316	41.814	ng/ul	99
50) Acenaphthylene	14.169	152	1550709	39.273	ng/ul	100
51) 3-Nitroaniline	14.369	138	238129	41.519	ng/ul	98
52) Acenaphthene	14.510	153	1008725	37.693	ng/ul	100
53) 2,4-Dinitrophenol	14.575	184	134779	35.659	ng/ul	97
55) 4-Nitrophenol	14.698	109	193963	44.437	ng/ul	94
56) Dibenzofuran	14.845	168	1437573	37.616	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	362236	41.983	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.081	232	358402	42.937	ng/ul	99
59) Diethylphthalate	15.275	149	1136848	36.725	ng/ul	100
61) Fluorene	15.498	166	1181720	38.633	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	623527	37.327	ng/ul	99
63) 4-Nitroaniline	15.534	138	272993m	47.308	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	218033	35.748	ng/ul	99
67) N-Nitrosodiphenylamine	15.710	169	995983	37.138	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	420884	38.537	ng/ul	98
69) Hexachlorobenzene	16.498	284	499753	37.443	ng/ul	98
70) Atrazine	16.675	200	375507	49.615	ng/ul	99
71) Pentachlorophenol	16.857	266	370101	47.229	ng/ul	99
72) Phenanthrene	17.245	178	2024272	38.013	ng/ul	99
74) Anthracene	17.334	178	2025569	38.208	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	570001	37.308	ng/uL	98
76) Pentachlorobenzene	14.763	250	547443	36.059	ng/uL	98
77) Carbazole	17.616	167	1919065	43.519	ng/ul	100
78) Di-n-butylphthalate	18.169	149	2128033	38.911	ng/ul	100
80) Fluoranthene	19.222	202	2689570	39.130	ng/ul	99
82) Pyrene	19.575	202	2798348	38.859	ng/ul	99
83) Butylbenzylphthalate	20.457	149	1051778	40.888	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	624509	25.401	ng/ul	100
85) Benzo(a)anthracene	21.292	228	3000390	38.638	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1515783	40.017	ng/ul	100
87) Chrysene	21.345	228	2786949	38.488	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	2750318	39.489	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	3342587	39.072	ng/ul	99
91) Benzo(k)fluoranthene	23.004	252	3048805	36.268	ng/ul	99
93) Benzo(a)pyrene	23.574	252	3068652	38.111	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.139	276	3942577	38.196	ng/ul	98
95) Dibenzo(a,h)anthracene	26.157	278	3245195	37.793	ng/ul	99
96) Benzo(g,h,i)perylene	26.898	276	3231155	39.063	ng/ul	98

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

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