Quantitation Report (Qedit)

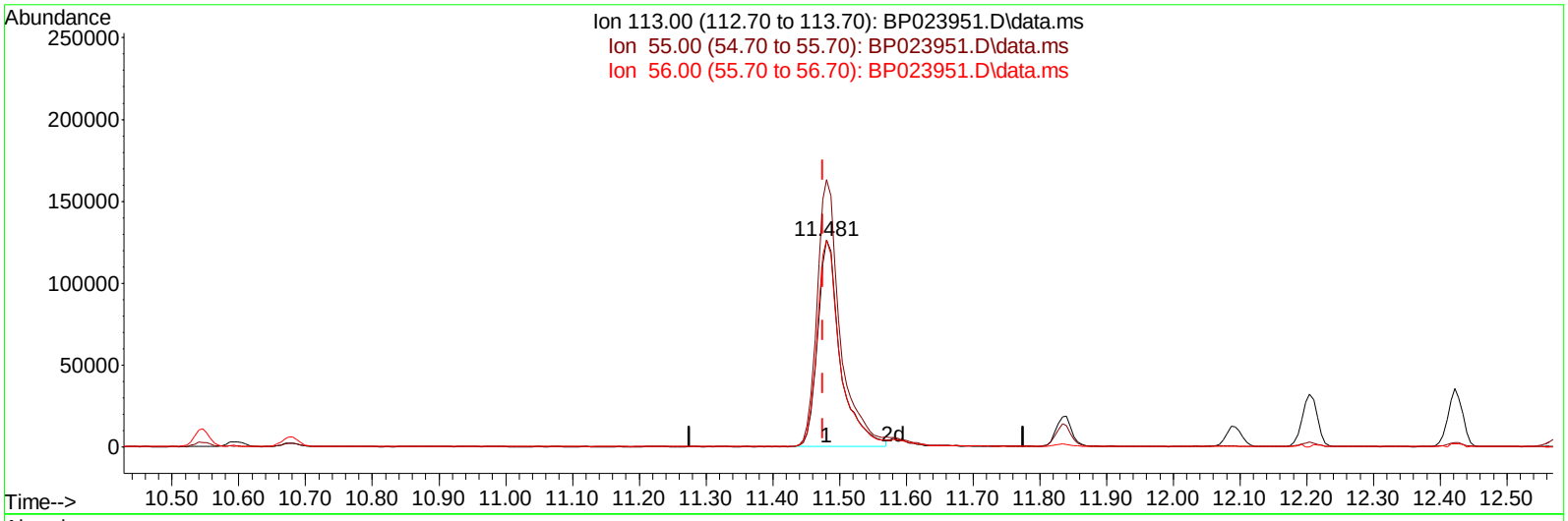
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023951.D
Acq On : 06 Feb 2025 01:09
Operator : RC/JU
Sample : PB166495BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

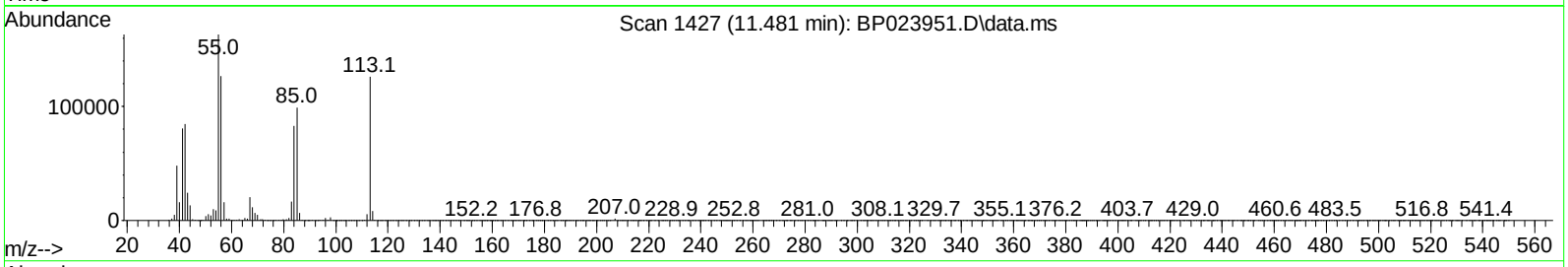
Quant Time: Feb 06 07:53:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

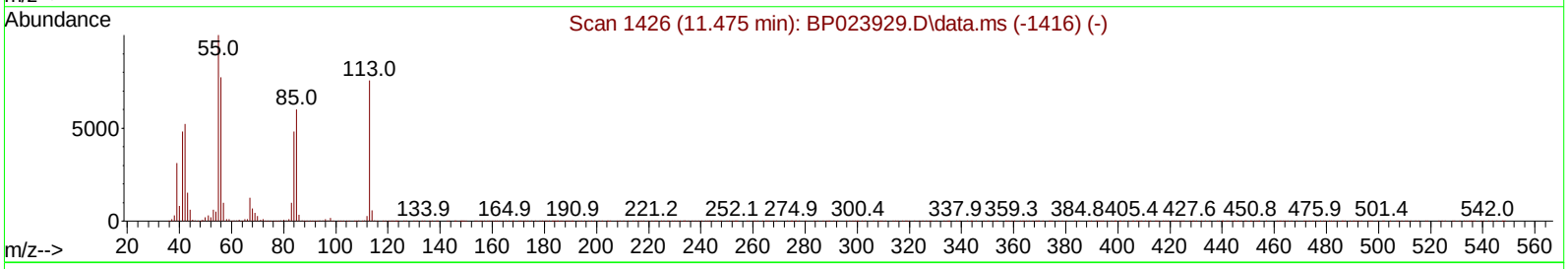
Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BP023951.D\data.ms

(34) Caprolactam

11.481min (+ 0.006) 26.39 ng/ul

response 297524

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	129.13
56.00	96.30	100.10
0.00	0.00	0.00

Quantitation Report (Qedit)

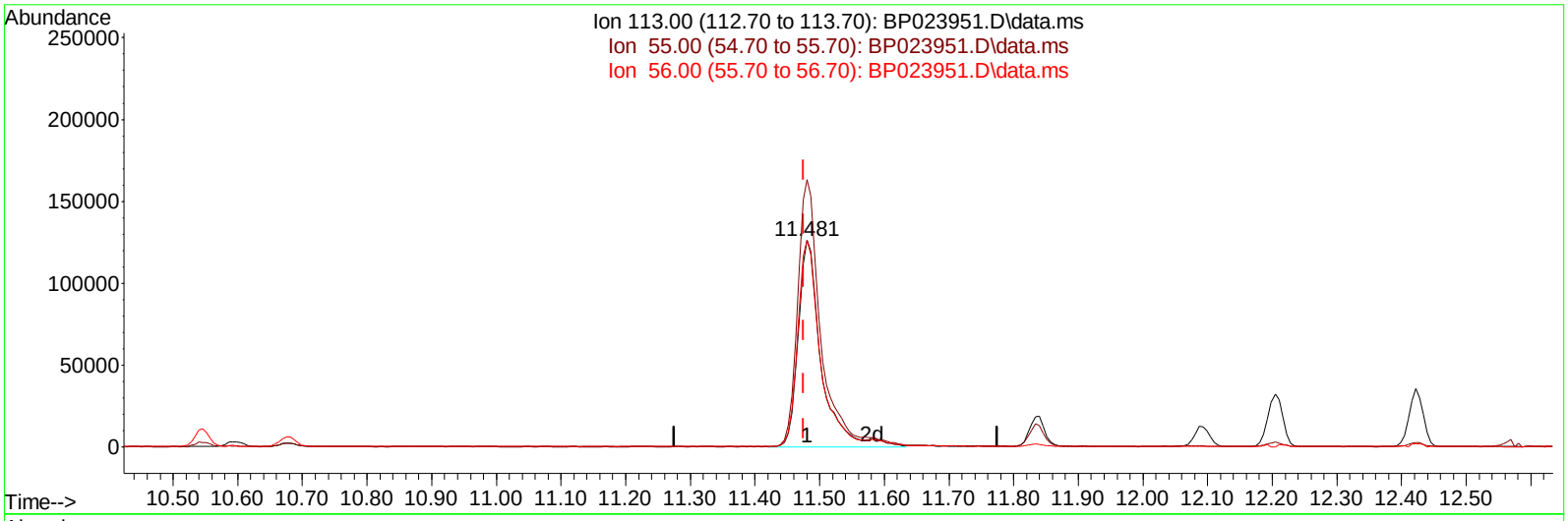
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023951.D
Acq On : 06 Feb 2025 01:09
Operator : RC/JU
Sample : PB166495BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

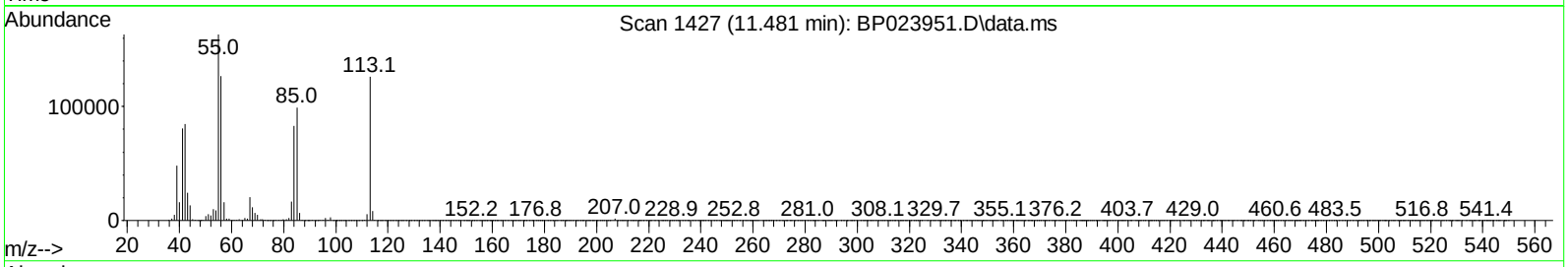
Quant Time: Feb 06 07:53:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

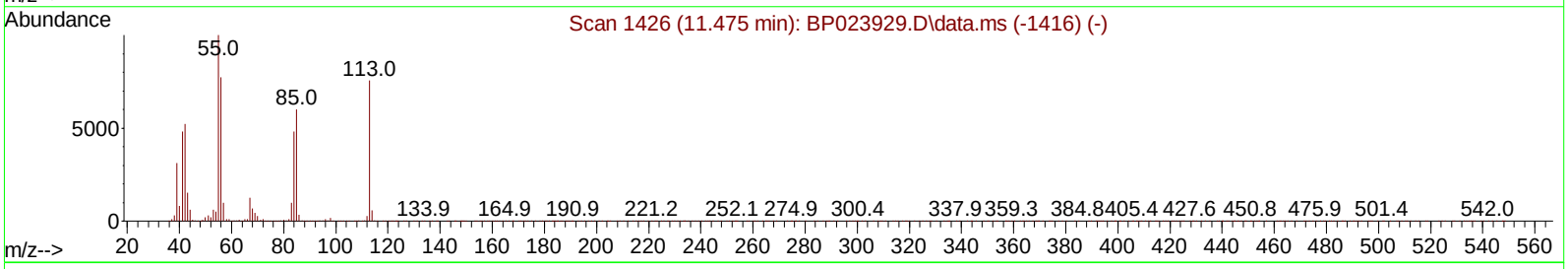
Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BP023951.D\data.ms

(34) Caprolactam

11.481min (+ 0.006) 27.39 ng/ul m

response 308703

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	129.13
56.00	96.30	100.10
0.00	0.00	0.00

Quantitation Report (Qedit)

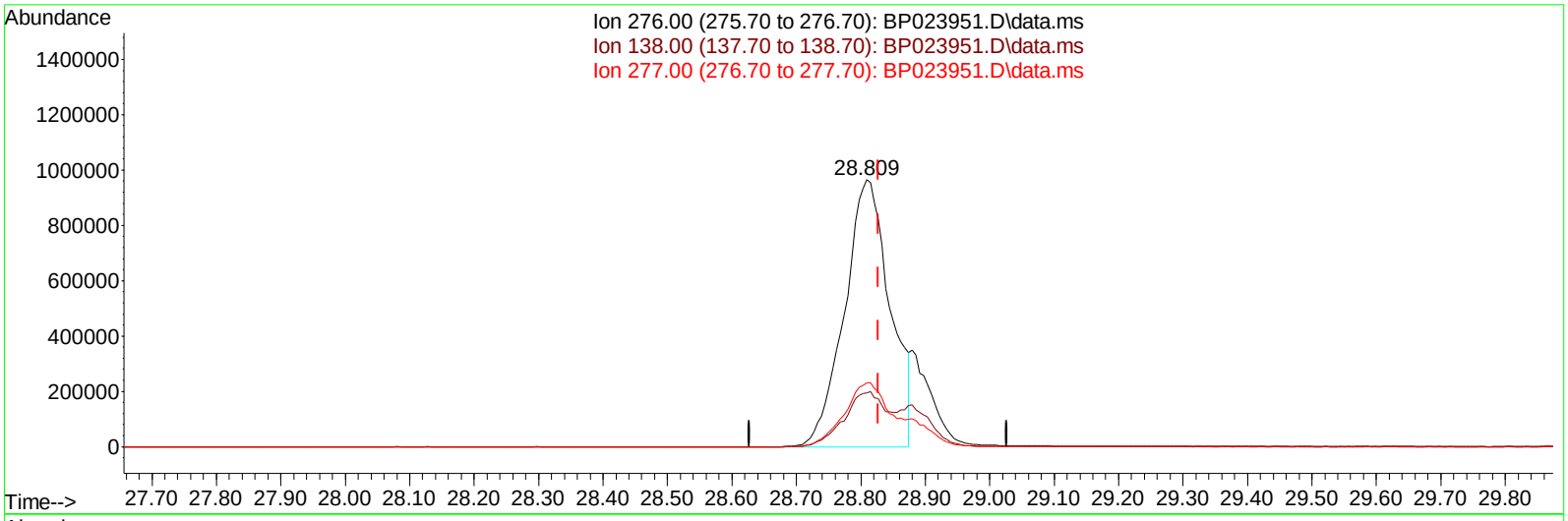
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023951.D
Acq On : 06 Feb 2025 01:09
Operator : RC/JU
Sample : PB166495BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

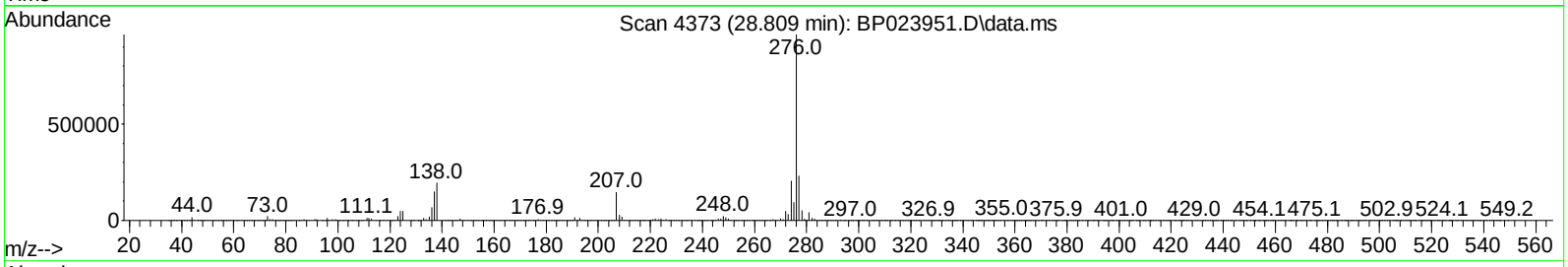
Quant Time: Feb 06 07:53:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

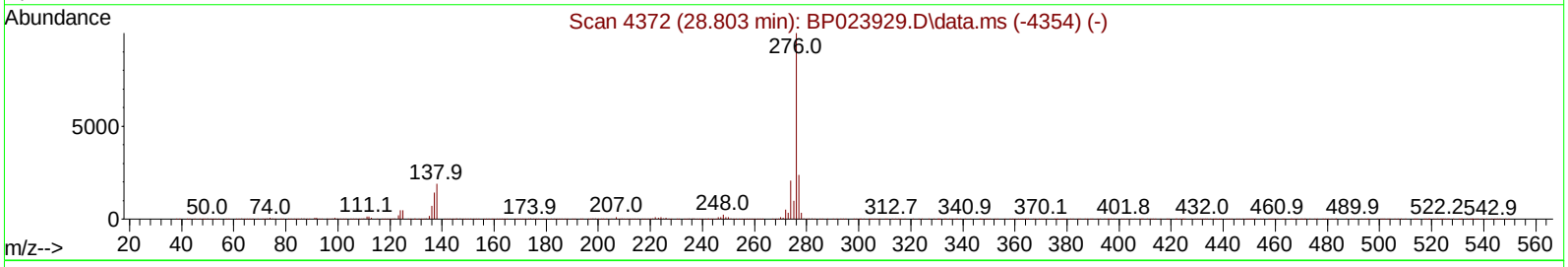
Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BP023951.D\data.ms

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

28.809min (-0.018) 29.02 ng/ul

response 4746145

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.29
277.00	23.70	23.94
0.00	0.00	0.00

Quantitation Report (Qedit)

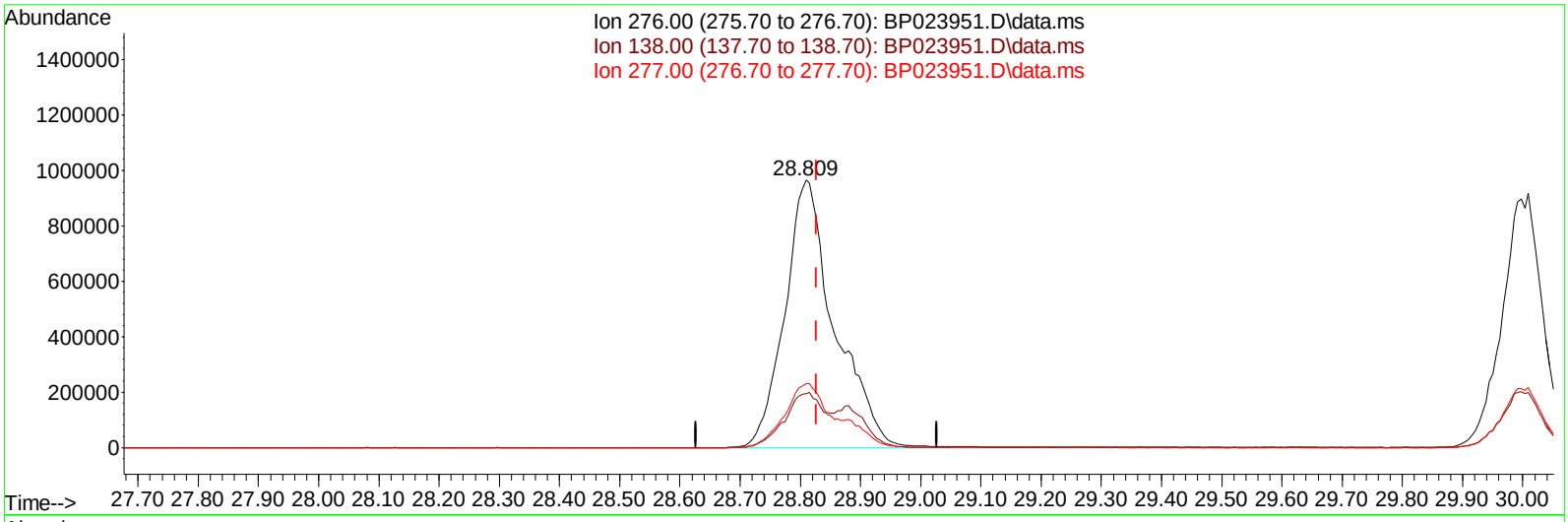
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023951.D
Acq On : 06 Feb 2025 01:09
Operator : RC/JU
Sample : PB166495BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

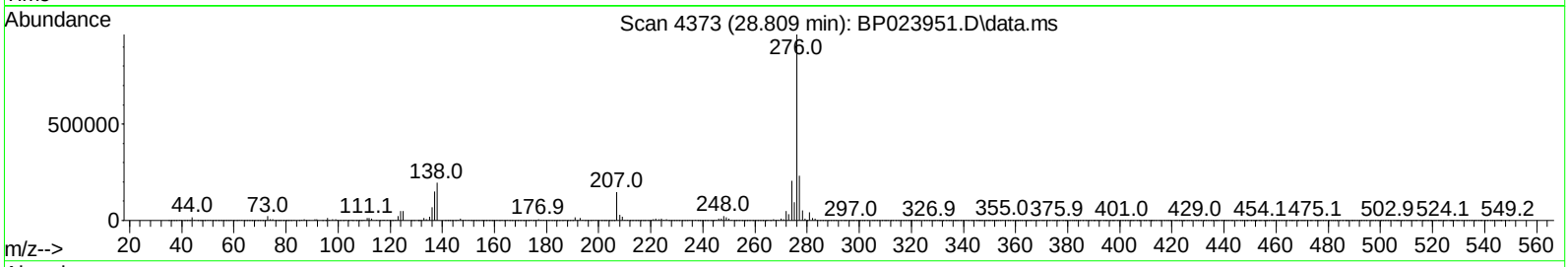
Quant Time: Feb 06 07:53:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

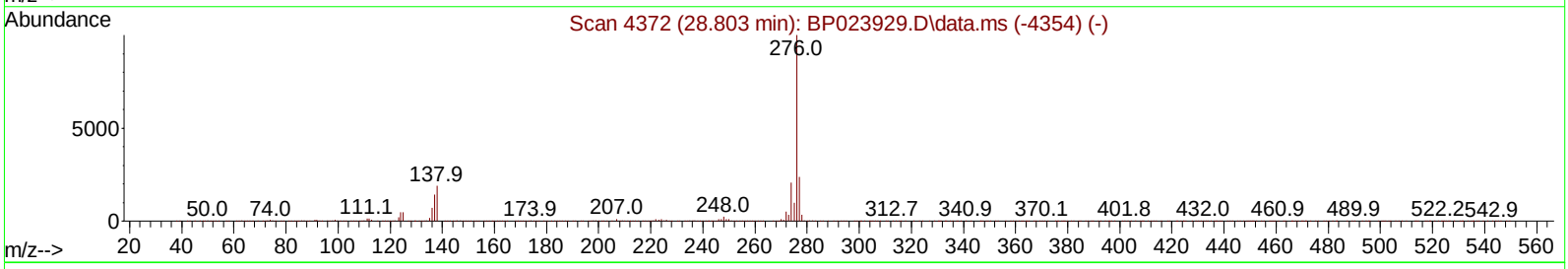
Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BP023951.D\data.ms

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

28.809min (-0.018) 33.86 ng/ul m

response 5537286

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.29
277.00	23.70	23.94
0.00	0.00	0.00

Quantitation Report (Qedit)

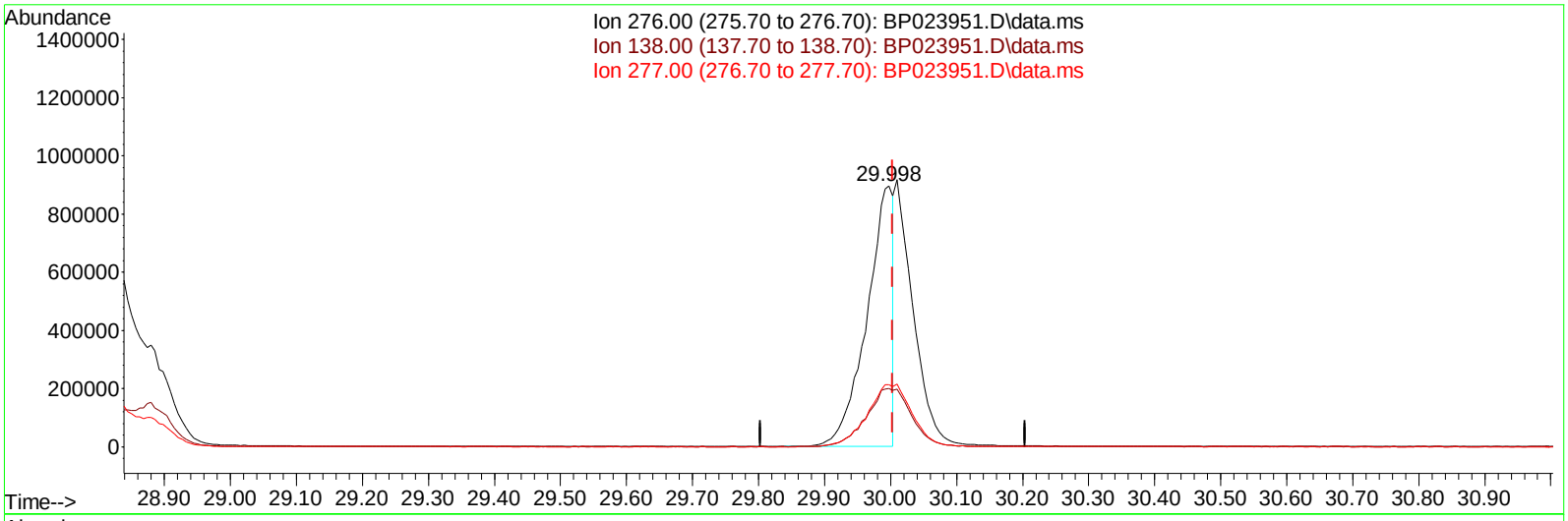
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023951.D
Acq On : 06 Feb 2025 01:09
Operator : RC/JU
Sample : PB166495BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

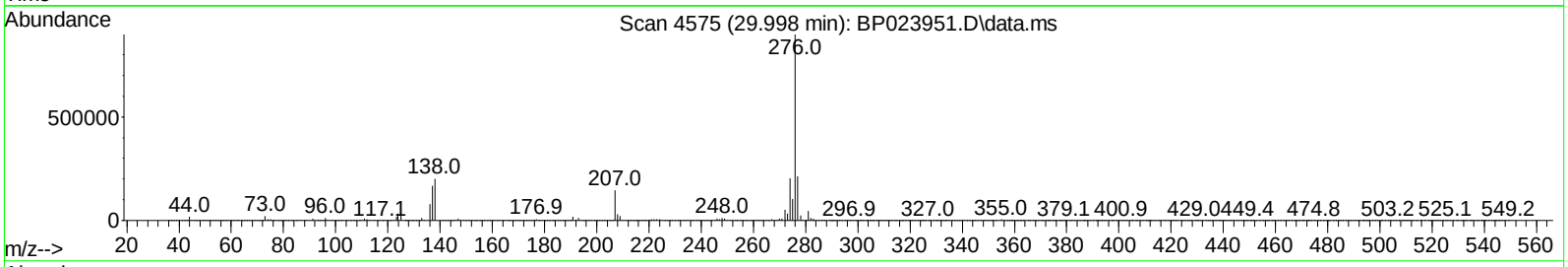
Quant Time: Feb 06 07:53:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

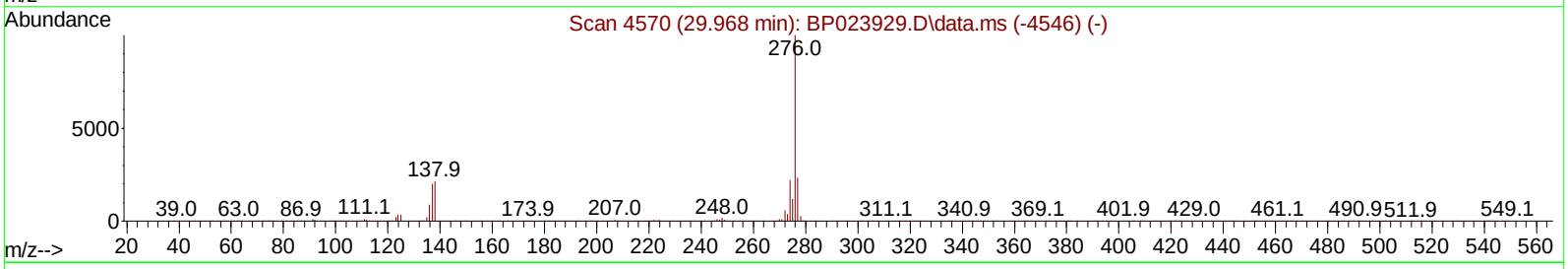
Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BP023951.D\data.ms

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

29.998min (-0.006) 19.99 ng/ul

response 2504375

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	22.42
277.00	23.80	23.80
0.00	0.00	0.00

Quantitation Report (Qedit)

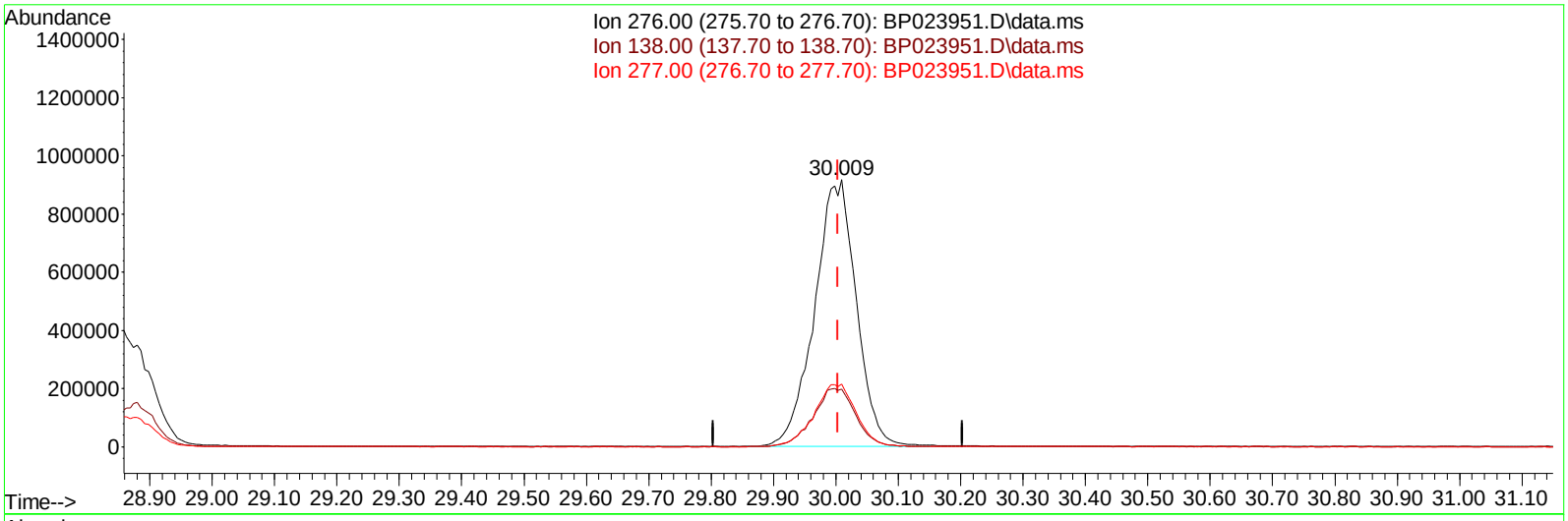
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023951.D
Acq On : 06 Feb 2025 01:09
Operator : RC/JU
Sample : PB166495BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

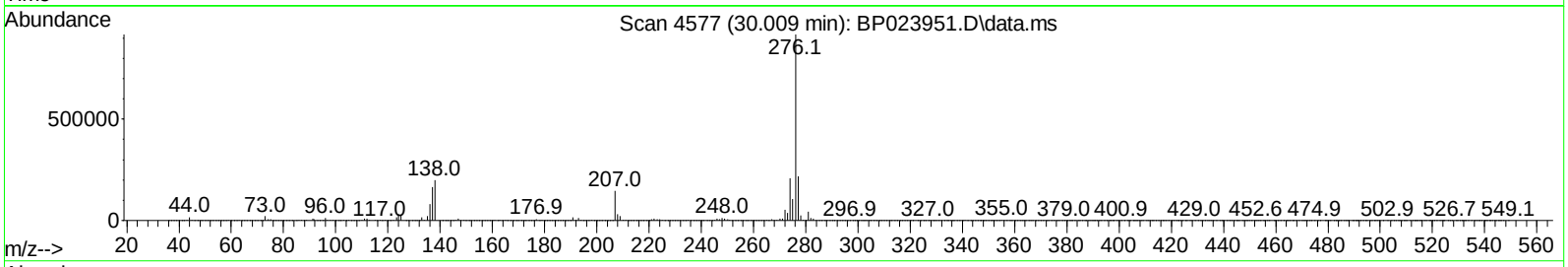
Quant Time: Feb 06 07:53:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

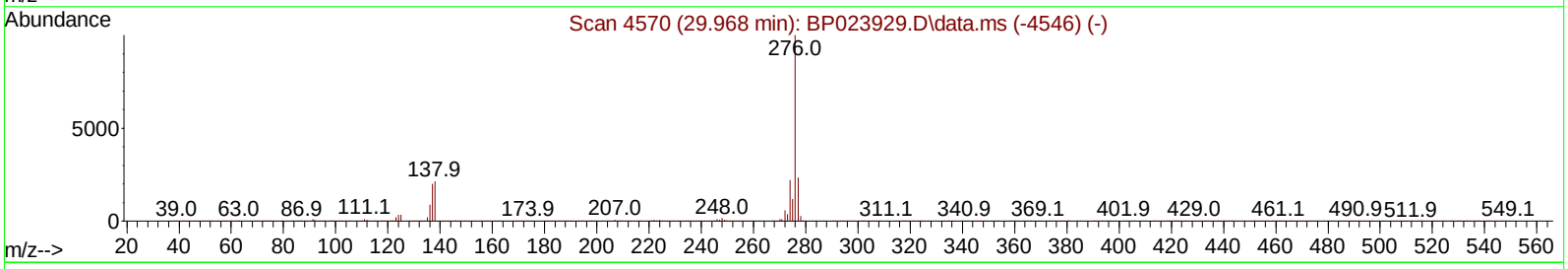
Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BP023951.D\data.ms

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

30.009min (+ 0.006) 34.02 ng/ul m

response 4261162

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	21.70
277.00	23.80	23.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023951.D
Acq On : 06 Feb 2025 01:09
Operator : RC/JU
Sample : PB166495BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 06 07:54:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	419756	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136	1811767	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	1104806	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	2164039	20.000	ng/ul	-0.01
79) Chrysene-d12	21.622	240	2257768	20.000	ng/ul	-0.02
88) Perylene-d12	24.980	264	2226366	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	66823	6.614	ng/uL	0.00
4) Pyridine-d5	3.699	84	1001294	34.347	ng/ul	0.00
7) Phenol-d5	6.958	99	1302593	35.066	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	679450	34.556	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	1041019	35.687	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	1010743	33.308	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	478291	32.996	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	508328	32.500	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	977915	34.082	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1115945	26.006	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	2664763	32.336	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	3195310	34.379	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	539803	32.984	ng/ul	0.00
60) Fluorene-d10	15.398	176	2339827	33.716	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	415794	31.145	ng/ul	0.00
73) Anthracene-d10	17.286	188	3600580	33.886	ng/ul	0.00
81) Pyrene-d10	19.651	212	4155214	34.348	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.751	264	4073385	35.067	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	133580	12.573	ng/uL	97
5) Pyridine	3.717	79	997635	34.182	ng/ul	97
6) Benzaldehyde	6.922	77	178063	9.767	ng/ul	100
8) Phenol	6.981	94	1359827	35.650	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.199	93	964593	33.221	ng/ul	98
12) 2-Chlorophenol	7.346	128	1063648	35.393	ng/ul	98
13) 2-Methylphenol	8.210	108	956294	33.320	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	1004853	33.544	ng/ul	99
16) Acetophenone	8.581	105	1554253	33.505	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.569	70	727450	33.301	ng/ul	97
18) 4-Methylphenol	8.540	108	1082883	34.007	ng/ul	100
19) Hexachloroethane	8.846	117	394747	33.219	ng/ul	99
22) Nitrobenzene	8.957	77	1093612	34.765	ng/ul	98
23) Isophorone	9.481	82	2006735	31.595	ng/ul	98
25) 2-Nitrophenol	9.663	139	563115	33.008	ng/ul	95
26) 2,4-Dimethylphenol	9.728	107	921999	29.200	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.957	93	1261582	31.887	ng/ul	99
29) 2,4-Dichlorophenol	10.204	162	980177	33.686	ng/ul	99
30) Naphthalene	10.599	128	3215630	33.158	ng/ul	100
32) 4-Chloroaniline	10.704	127	755962	18.667	ng/ul	99
33) Hexachlorobutadiene	10.887	225	552298	31.353	ng/ul	98
34) Caprolactam	11.481	113	308703m	27.385	ng/ul	
35) 4-Chloro-3-methylphenol	11.834	107	1021610	32.662	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023951.D
Acq On : 06 Feb 2025 01:09
Operator : RC/JU
Sample : PB166495BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 06 07:54:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.204	142	2173669	31.878	ng/ul	99
37) 1-Methylnaphthalene	12.422	142	2169310	32.069	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.575	216	1125133	34.449	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	401424	21.811	ng/ul	98
41) 2,4,6-Trichlorophenol	12.816	196	702178	32.185	ng/ul	99
42) 2,4,5-Trichlorophenol	12.893	196	794946	33.805	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	2816944	34.349	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	2225332	34.825	ng/ul	99
45) 2-Nitroaniline	13.457	65	599387	36.041	ng/ul	91
47) Dimethylphthalate	13.840	163	2658194	32.420	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	530680	33.118	ng/ul	97
50) Acenaphthylene	14.110	152	3448606	34.841	ng/ul	100
51) 3-Nitroaniline	14.287	138	570723	32.409	ng/ul	94
52) Acenaphthene	14.457	153	2363309	33.676	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	258995	27.112	ng/ul	98
55) 4-Nitrophenol	14.616	109	415575	35.893	ng/ul	94
56) Dibenzofuran	14.792	168	3330309	34.248	ng/ul	100
57) 2,4-Dinitrotoluene	14.757	165	795361	33.371	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.028	232	601624	30.066	ng/ul	94
59) Diethylphthalate	15.222	149	2633571	32.059	ng/ul	100
61) Fluorene	15.451	166	2854819	35.389	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	1366493	34.220	ng/ul	97
63) 4-Nitroaniline	15.469	138	686162	40.048	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.528	198	453193	30.876	ng/ul	99
67) N-Nitrosodiphenylamine	15.663	169	2242035	33.947	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	787377	32.250	ng/ul	99
69) Hexachlorobenzene	16.469	284	950674	32.137	ng/ul	98
70) Atrazine	16.634	200	300377	11.745	ng/ul	98
71) Pentachlorophenol	16.822	266	520164	28.587	ng/ul	98
72) Phenanthrene	17.228	178	4227326	34.591	ng/ul	99
74) Anthracene	17.316	178	4274757	34.685	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.181	216	1084524	34.224	ng/uL	99
76) Pentachlorobenzene	14.716	250	1083971	31.742	ng/uL	99
77) Carbazole	17.598	167	3935737	36.452	ng/ul	100
78) Di-n-butylphthalate	18.186	149	4390155	32.852	ng/ul	100
80) Fluoranthene	19.304	202	4785088	34.340	ng/ul	99
82) Pyrene	19.680	202	5203787	35.711	ng/ul	100
83) Butylbenzylphthalate	20.627	149	1953389	31.128	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.516	252	1294356	26.498	ng/ul	99
85) Benzo(a)anthracene	21.604	228	5025214	33.848	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	2814758	30.742	ng/ul	98
87) Chrysene	21.669	228	4680926	34.217	ng/ul	98
89) Di-n-octyl phthalate	22.839	149	4495497	33.684	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	4847403	35.883	ng/ul	100
91) Benzo(k)fluoranthene	23.992	252	4854939	35.849	ng/ul	100
93) Benzo(a)pyrene	24.827	252	4449058	35.266	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	5537286m	33.862	ng/ul	
95) Dibenzo(a,h)anthracene	28.886	278	4578989	34.519	ng/ul	98
96) Benzo(g,h,i)perylene	30.009	276	4261162m	34.020	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023951.D
Acq On : 06 Feb 2025 01:09
Operator : RC/JU
Sample : PB166495BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 06 07:54:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025